Class 2

WR/JO NUMBER	TAG	ESR NUMBER	ASME CODE CLASS	REPAIR OR REPLACEMENT
88272	AF-H-52	NA	2	REPLACEMENT
88284	CS-H-108	NA	2	REPLACEMENT
88285	CS-H-389	NA	2	REPLACEMENT
88286	CS-H-764	NA	2	REPLACEMENT
88287	CS-H-3197	NA	2	REPLACEMENT
88288	FW-H-110	NA	2	REPLACEMENT
88289	MS-H-20B	NA	2	REPLACEMENT
88299	RH-H-158A	NA	2	REPLACEMENT
88300	RH-H-158B	NA	2	REPLACEMENT
88301	RH-H-165A	NA	2	REPLACEMENT
88302	RH-H-165B	NA	2	REPLACEMENT
88303	SI-H-114A	NA	2	REPLACEMENT
88304	SI-H-114B	NA	2	REPLACEMENT
88307	SI-H-222	NA	2	REPLACEMENT
88308	SI-H-1161A	NA	2	REPLACEMENT
88309	SI-H-1161B	NA	2	REPLACEMENT
88310	WL-H-4680	NA	2	REPLACEMENT
88349	CT-H-864	NA	2	REPLACEMENT
88560	FW-PIPE	NA	2	REPLACEMENT
88697	MS-H-84	NA	2	REPLACEMENT
88699	MS-H-85	NA	2	REPLACEMENT
88700	MS-H-86	NA	2	REPLACEMENT
88701	MS-H-76	NA	2	REPLACEMENT
88702	MS-H-77	NA	2	REPLACEMENT
88703	MS-H-78	NA	2	REPLACEMENT
88709	SI-H-470	NA	2	REPLACEMENT
88710	BD-H-99	NA	2	REPLACEMENT
88938	1AF-68	97-00807	2	REPLACEMENT
89103	1CS-250	NA	2	REPLACEMENT
90450	1AF-106	97-00807	2	REPLACEMENT
178306	1CS-10	NA	2	REPLACEMENT
179906	1SW-688	NA	2	REPLACEMENT
179907	1SW-689	NA	2	REPLACEMENT
179909	1SW-690	NA	2	REPLACEMENT
184684	SI-H-516	NA	2	REPLACEMENT
184686	BD-H-367	NA	2	REPLACEMENT

WR/JO NUMBER	TAG	ESR NUMBER	ASME CODE CLASS	REPAIR OR REPLACEMENT
197307	BD-H-353	NA	2	REPLACEMENT
00-AAAG1	1CS-CSIPC	NA	2	REPLACEMENT
00-ACSF1	1CS-E041	98-00540	2	REPAIR
00-ADAW2	1AF-103	00-00216	2	REPLACEMENT
104647-02	RC-H-537	NA	2	REPLACEMENT
104647-03	RC-H-538	NA	2	REPLACEMENT
145920-02	1CS-127	NA	2	REPLACEMENT
146167-05	1CS-E035	NA	2	REPLACEMENT
146167-06	1CS-E035	NA	2	REPLACEMENT
181594-03	SI PIPE	NA	2	REPAIR
202986-03	SG-H-323	NA	2	REPLACEMENT
88131-04	MS-H-67	NA	2	REPLACEMENT
88450-01	FW LINE	98-00537	2	REPLACEMENT
88450-02	FW HANGERS	98-00537	2	REPLACEMENT
√ 88454-07	1AF-87	NA	2	REPLACEMENT
88454-08	1AF-65	97-00807	2	REPLACEMENT
88454-10	VALVE	97-00807	2	REPLACEMENT
√ 88492-05	1SG-E001	NA	2	REPLACEMENT
√ 88492-07	1SG-E003	NA	2	REPLACEMENT
88589-01	FO	99-00407	2	REPLACEMENT
88589-02	FO	99-00407	2	REPLACEMENT
88589-03	FO	99-00407	2	REPLACEMENT
88589-04	FO	99-00407	2	REPLACEMENT
88589-05	FO	99-00407	2	REPLACEMENT
88589-06	FO	99-00407	2	REPLACEMENT
88589-07	FO	99-00407	2	REPLACEMENT
88589-08	FO	99-00407	2	REPLACEMENT
88589-09	FO	99-00407	2	REPLACEMENT
88589-10	FO	99-00407	2	REPLACEMENT
88589-11	FO	99-00407	2	REPLACEMENT
88589-12	FO	99-00407	2	REPLACEMENT
90403-01	HANGERS	NA	2	REPLACEMENT
90403-02	HANGERS	NA	2	REPLACEMENT
90403-03	HANGERS	NA	2	REPLACEMENT
90403-04	HANGERS	NA	2	REPLACEMENT

WO# 88272
R/R# 01-02-062
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/22/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88272 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System AF - Auxiliary Feedwater
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter '76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	17574	N/A	AF-H-52	1981	Replaced	No
Snubber	Pacific Scientific	12526	N/A	AF-H-52	1980	Replacement	No

7. Description of Work: Replaced snubber on hanger AF-H-52.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88272
R/R# 01-02-062
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 10/22/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-6-01

(12/82)

FORM NF-1 NPT CERTIFICATE HOLDERS' DATA REPORT FOR COMPONENT SUPPORTS*

As Required by the Provisions of the ASME Code Rules, Section III, Division 1

12524

1. Manufactured by Pacific Scientific 1346 S. State College Blvd. Anaheim, Ca. 92803
(Name and address of NPT Certificate Holder)

2. Manufacturer for Southwest Fabricating & Welding Co., Inc. P.O. Box 9449 Houston, Texas 77011
Ebasco Services, Inc. Agents for: (Name and address of purchaser or owner)

3. Location of Installation Carolina Power & Light Shearon Harris Nuclear Plants, Newhill, Wake County, N. Carolina 27562

4. Identification

	(a) Component Support I.D. No.	(b) Canadian Registration No.	(c) Applicable Drawings with Last Rev. & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Nat'l Board No.	(h) Year Built
(1)	12473-12614	None	1801106-C5-H	DR-1350-Rev. B	Linear	1	None	1980
(2)								
(3)								
(4)								
(5)								
(6)								
(7)								
(8)								
(9)								
(10)								

5. Remarks

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition '77, Addenda Summer '78 (Date)

Code Case No. 1644-6

Date 9 MAY 1980 Signed Pacific Scientific (NPT Certificate Holder) by Bill Jenkins

Our ASME Certificate of Authorization No 1198 to use the Component Supports (NPT)

Symbol expires Aug. 4, 1980 (Date)

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at
Pacific Scientific
Filed Per NA 3256

Design Specifications Certified by (1) Leo E. Ay PE State California

Reg. No 13533

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay

PE State California Reg. No 13533

(1) List name only, signature not required

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

(10/77) This form (E00075) may be obtained from the Order Dept. ASME, 345 E. 47th St., New York, N.Y. 10017

CERTIFICATE OF SHOP 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 California and employed by HSBI&I Co. of Hartford, CT have inspected the component supports described in this Data Report on 5/9, 19 80 and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 5/9/80

Signed William Meyer Commissions Ca # 1494
(Nat'l Bd., State, Prov., and No.)

CERTIFICATION OF FIELD 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 _____ and employed by _____ of _____ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items _____ not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 _____

Signed _____ Commissions _____
(Nat'l Bd., State, Prov., and No.)

WO# 88284
R/R# 01-02-024
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/02/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88284 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System CS - Chemical Volume Control
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	17569	NA	CS-H-108	1981	Replaced	No
Snubber	Pacific Scientific	17469	NA	CS-H-108	1981	Replacement	No

7. Description of Work: Replaced snubber on hanger CS-H-108.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88284
R/R# 01-02-024
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 10/2/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC1447 NBIAS
Inspector's Signature National Board, State, Province, and Endorsements

Date 10-5-01

(12/82)

FORM NP-1 NPT CERTIFICATE HOLDER'S DATA REPORT FOR COMPONENT SUPPORTS
As Required by the Provisions of the ASME Code Rules, Section III, Division 1

1. Manufactured by Pacific Scientific 1346 S. State College Blvd. Anaheim, Ca. 92803
(Name and address of NPT Certificate Holder)

Southwest Fabricating & Welding Co., Inc. 17469

2. Manufacturer for P.O. Box 9449, Houston, Texas 77011
(Name and address of purchaser or owner)

3. Location of Installation Unknown

4. Identification

(a) Component Support I.D. No.	(b) Canadian Registration No.	(c) Applicable Drawings with Last Rev. & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Nat'l Board No.	(h) Year Built
(1) 17438-17587	None	1801106-05-J	DR-1350-Rev. B	Linear	1	None	1981
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. Remarks

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1977, Addenda Summer '78 (Date).

Code Case No. 1644-6

Date 5/14/81 Signed Pacific Scientific (NPT Certificate Holder) by Rosalie A Nava

Our ASME Certificate of Authorization No. N-1198 to use the Component Supports (NPT)

Symbol expires Aug. 4, 1981 (Date).

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at Pacific Scientific

Design Specifications Certified by (1) Filed Per NA 3256 Leo E. Ay PE State California

Reg. No. 13533

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay

PE State California Reg No 13533

(1) List name only, signature not required

Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8½ in., (2) information in items 1, 2, 4c, 4g on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form

(10/77) This form (E00075) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

C 7 3 2 4 1 7 0

FORM NPT (Back)

CERTIFICATE OF SHOP 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 California and employed by HSBI&I Co. of Hartford, CT have inspected the component supports described in this Data Report on 5-14, 19 81 and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 5-14-81

Signed William Meyer Commissions Ca #1494
(Nat'l Bd., State, Prov., and No.)

CERTIFICATION OF FIELD 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 _____ and employed by _____ of _____ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items _____, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 _____

Signed _____ Commissions _____
(Nat'l Bd., State, Prov., and No.)

WO# 88285
R/R# 01-02-076
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/06/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88285 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System CS - Chemical Volume Control
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	15585	N/A	CS-H-389	1981	Replacement	No
Snubber	Pacific Scientific	24874	N/A	CS-H-389	1982	Replaced	No

7. Description of Work: Replaced snubber on hanger CS-H-389.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____°F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88285
R/R# 01-02-076
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - Code Cases are identified on the N-5 Data Report.

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/6/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NB/0195 KY 1483 N.C NI
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-13-01

(12/82)

15585

FORM NF-1 NPT CERTIFICATE HOLDERS' DATA REPORT FOR COMPONENT SUPPORTS*
As Required by the Provisions of the ASME Code Rules, Section III, Division 1

1. Manufactured by Pacific Scientific 1346 S. State College Blvd. Anaheim, Ca. 92803
(Name and address of NPT Certificate Holder)

2. Manufactured for Southwest Fabricating & Welding Co., Inc. P.O. Box 9449 Houston, Texas
(Name and address of purchaser or owner)

3. Location of Installation Unknown

4. Identification

(a) Component Support I.D. No.	(b) Canadian Registration No.	(c) Applicable Drawings with Last Rev. & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Nat'l Board No.	(h) Year Built
(1) 15583-15592,	None	1801102-05-K	DR-1351-Rev. A	Linear	1	None	1981
(2) 15594,15596-	"	"	"	"	"	"	"
(3) 15597,15599-15604,	"	"	"	"	"	"	"
(4) 15606-15610,15612-	"	"	"	"	"	"	"
(5) 15635,15637-15652,	"	"	"	"	"	"	"
(6) 15654-15671	"	"	"	"	"	"	"
(7)							
(8)							
(9)							
(10)							

5. Remarks:

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1977, Addenda Summer '78 (Date)

Code Case No. 1644-6

Date 5/14/81 Signed Pacific Scientific (NPT Certificate Holder) by Rosalie A. Mendez

Our ASME Certificate of Authorization No. N-1198 to use the Component Supports (NPT)

Symbol expires Aug. 4, 1981 (Date)

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at Pacific Scientific
Filed Per NA 3256

Design Specifications Certified by (1) Leo E. Ay PE State California

Reg. No 13533

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay

PE State California Reg. No. 13533

(1) List name only, signature not required

Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8½ in., (2) information in items 1 2 4c, 4g on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form

(10/77) This form (E00075) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NF-1 (Back)

CERTIFICATE OF SHOP 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 California and employed by HSB I&I Co. of Hartford, CT have inspected the component supports described in this Data Report on 5-14, 19 81 and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 5-14-81

Signed William Meyer Commissions Ca #1494
(Nat'l Bd., State, Prov., and No.)

CERTIFICATION OF FIELD 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 _____ and employed by _____ of _____ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items _____, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 _____

Signed _____ Commissions _____
(Nat'l Bd., State, Prov., and No.)

WO# 88286
R/R# 01-02-077
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/06/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88286 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System CS - Chemical Volume Control
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	14786	N/A	CS-H-764	1980	Replaced	No
Snubber	Pacific Scientific	37222	N/A	CS-H-764	1985	Replacement	No

7. Description of Work: Replaced snubber on hanger CS-H-764.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88286
R/R# 01-02-077
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1- See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/6/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NB 10195 KY 1483 N.C. N I
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-13-01

(12/82)

37222

FORM NF-1 NPT CERTIFICATE HOLDERS' DATA REPORT FOR COMPONENT SUPPORTS*

As Required by the Provisions of the ASME Code Rules, Section III, Division 1

1. Manufactured by PACIFIC SCIENTIFIC, KIN-TECH DIVISION, 1010 South State College Blvd. Anaheim, California 92805
(Name and address of NPT Certificate Holder)

2. Manufacturer for ITT Grinnell Corp. 621 Dana Street N.E. Warren, Ohio 44481
(Name and address of purchaser or owner)

3. Location of Installation Unknown

4. Identification

	(a) Component Support I.D. No	(b) Canadian Registration No.	(c) Applicable Drawings with Last Rev. & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Nat'l Board No.	(h) Year Built
(1)	37206	None	1801104-05-J	DR-1412-Rev. 0	Linear	1	None	1985
(2)	thru							
(3)	37280	"	"	"	"	"	"	"
(4)								
(5)								
(6)								
(7)								
(8)								
(9)								
(10)								

5. Remarks: Inspection Test Reports, CMTR's and Certificate of Compliance are also certified to meet ASME SEC III 1974 Edition, Summer '76 Addenda and Code Case 1644-6.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1977, Addenda Winter '78 (Date)

Code Case No. 1644-7

Date 11/14/85 Signed Pacific Scientific (NPT Certificate Holder) by Ronald L. Nana

Our ASME Certificate of Authorization No. N-1198 to use the "NPT" (NPT)

Symbol expires Aug. 4, 1987 (Date)

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at Pacific Scientific
Filed Per NCA 3256

Design Specifications Certified by (1) Leo E. Ay PE State California

Reg. No. 13533

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay

PE State California Reg. No. 13533

(1) List name only, signature not required.

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

Pg 1 of 5 11-13-85

(10/77) This form (E00075) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NF-1 (Back)

CERTIFICATE OF SHOP 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 OHIO and employed by HSBI&I CO. of Hartford, CT have inspected the component supports described in this Data Report on 11.14.85, to ___ and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 11.14.85

Signed Cirilo F. Reyes Commissions CA-15261, OHIO COMM.
(Nat'l Bd., State, Prov., and No.)

CERTIFICATION OF FIELD 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 ___ and employed by ___ of ___ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items ___, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 ___

Signed ___ Commissions ___
(Nat'l Bd., State, Prov., and No.)

11-14-85

WO# 88287
R/R# 01-02-078
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/06/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88287 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System CS - Chemical Volume Control
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	18969	N/A	CS-H-3197	1983	Replaced	No
Snubber	Pacific Scientific	8768	N/A	CS-H-3197	1979	Replacement	No

7. Description of Work: Replaced snubber on hanger CS-H-3197.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____°F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88287
R/R# 01-02-078
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/6/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NB10195 KY 1483 N.C. N.I.
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-13-01

(12/82)

FORM NF-1 NPT CERTIFICATE HOLDERS' DATA REPORT FOR COMPONENT SUPPORTS* 8768

As Required by the Provisions of the ASME Code Rules, Section III, Division 1

1. Manufactured by Pacific Scientific 1346 S. State CollegeBlvd, Anaheim, Ca 92803
(Name and address of NPT Certificate Holder)

2. Manufacturer for Southwest Fabricating & Welding Co., Inc. P.O. Box 9449 Houston, Texas 77011
(Name and address of purchaser or owner)

3. Location of Installation Ebasco Services, Inc. Agents for Carolina Power & Light Shearon Harris Nuclear Plants Newhill, Wake County, N. Carolina

4. Identification

(a) Component Support I.D. No.	(b) Canadian Registration No	(c) Applicable Drawings with Last Rev. & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Nat'l Board No.	(h) Year Built
(1) 8720-8849	None	1801102-05-J	DR-1351-Rev. A	Linear	1	None	1979
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. Remarks

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition '77 Addenda Summer '78 (Date)

Code Case No. 1644-6

Date 21 December 79 Signed Pacific Scientific (NPT Certificate Holder) by Bill Jukes

Our ASME Certificate of Authorization No 1198 to use the Component Supports (NPT)

Symbol expires Aug. 4, 1981 (Date)

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at Pacific Scientific Filed Per NA 3256

Design Specifications Certified by (1) Leo E. Ay PE State California

Reg. No 13533

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay

PE State California Reg No 13533

(1) List name only signature not required

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

(10/77) This form (E00075) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NF-1 (Back)

CERTIFICATE OF SHOP 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 New York and employed by HSBI&I Co. of Hartford, CT have inspected the component supports described in this Data Report on 12/21, 19 79 and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 12/21/79

Signed William G. Meyer Commissions NY Commission #2770
(Nat'l Bd., State, Prov., and No.)

CERTIFICATION OF FIELD 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 _____ and employed by _____ of _____ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items _____, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 _____

Signed _____ Commissions _____
(Nat'l Bd., State, Prov., and No.)

WO# 88288
R/R# 01-02-051
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/20/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88288 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System FW - Feedwater
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen-Paterson	4182	NA	FW-H-110	Unknown	Replaced	No
Snubber	Bergen-Paterson	4865	NA	FW-H-110	Unknown	Replacement	No

7. Description of Work: Replaced snubber on hanger FW-H-110.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88288
R/R# 01-02-051
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/20/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-21-01

(12/82)

WO# 88289
R/R# 01-02-079
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/22/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88289 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System MS - Main Steam
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen-Paterson	665	N/A	MS-H-20B	Unknown	Replaced	No
Snubber	Pacific Scientific	763	N/A	MS-H-20B	1980	Replacement	No

7. Description of Work: Replaced snubber on hanger MS-H-20B.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88289
R/R# 01-02-079
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 10/22/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1944 NB AB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-6-01

(12/82)

FORM NF-1 NPT CERTIFICATE HOLDERS DATA REPORT FO[illegible] CO[illegible]NENT SUPPORTS*
As Required by the Provisions of the ASME Code Rules, [illegible]ctio[illegible] Division 1

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1. Manufactured by Pacific Scientific 1346 S. State College Bl[illegible] An[illegible]m, Ca. 92803
(Name and address of NPT Certific[illegible] Hol[illegible])

2. Manufacturer [illegible] Southwest Fabricating & Welding Co., Inc. P[illegible] [illegible]9449 Houston Texas 7701[illegible]
(Name and address of purchase[illegible])

3. Location of Installation [illegible] Ebasco Services, Inc. Agents for Carolina Power & Light Sh[illegible] [illegible]ris Nuclear Plant, [illegible] Ne[illegible]ake County, N. Carolina 27562

4. Identification [illegible]

(a) Component Support	(b) Candidate Reg. [illegible]	(c) Applicable Drawings with Last Rev. & Date	(d) Stress Report or Load Capa[illegible]	(e) Type [illegible] Comp[illegible] Sup[illegible]	(f) [illegible]	(g) Nat. Board [illegible]	(h) [illegible] Built
	[illegible]	[illegible]9-09-D [illegible]	[illegible]	Lin[illegible]	[illegible]	[illegible]one	[illegible]80

(5)
(6)
(7)
(8)
(9)
(10)

5. Remarks

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition [illegible]77[illegible], Addenda Summer '78 (Date)

Code Case No. 1644-6

Date 1-18-80 Signed Pacific Scientific (NPT Certificate Holder) by [illegible]

Our ASME Certificate of Authorization No. 1198 to use the Components Supports (NPT)

Symbol expires Aug. 4, 1981 (Date)

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at Pacific Scientific

Filed Per NA 3256

Design Specifications Certified by (1) Leo E. Ay[illegible] PE Sta[illegible] California

Reg. No. 13533

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. A[illegible]

PE State California Reg. No. 13533

(1) List name only, signature not required.

* Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size [illegible] in., (2) information in items 1, 2, 4c, 4g on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form

(10/77) This form (E00075) may be obtained from the Order De[illegible] ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NF-1 (Back)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and [illegible] Vessel Inspectors and the State or Province of New York [illegible] and employed by [illegible] HSBI&I Co [illegible] ford, CT [illegible] 1/23 [illegible] inspected the component supports described in this Data R[illegible] 19 80 and state that to the be[illegible] knowledge and belief the NPT Certificate Holder has constr[illegible] component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By [illegible] expr[illegible] cont[illegible] supports described in this Data Report [illegible] the inspection company emplo[illegible] able in any manner to any person or for property damage or a loss of any kind arising from or connected w[illegible] ction.

Date 1/[illegible]/80

Signed William Mu[illegible] Commissions N.Y. C[illegible] 2770
(Nat. Bd. No., State, Prov., and No.)

CERTIFICATION OF FIELD INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and P[illegible] Vessel Inspectors and the State or Province of _____ and employed by _____ have compared the statements in this Data Report with the de[illegible] component supports and state that the parts referred to as data items _____ not included in the cer[illegible] shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has cons[illegible] these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 _____

Signed _____ Commissions _____
(Nat. Bd. No., State, Prov., and No.)

WO# 88299
R/R# 01-02-082
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/06/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88299 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System RH - Residual Heat Removal
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	12540	N/A	RH-H-158A	1980	Replaced	No
Snubber	Pacific Scientific	18611	N/A	RH-H-158A	1983	Replacement	No

7. Description of Work: Replaced snubber on hanger RH-H-158A.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88299
R/R# 01-02-082
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1- See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/6/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

James A. Longenbaugh Commissions NB 10195 KY 1483 NC. NI
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-13-01

(12/82)

18611

FORM NF-1 NPT CERTIFICATE HOLDERS' DATA REPORT FOR COMPONENT SUPPORTS*

As Required by the Provisions of the ASME Code Rules, Section III, Division 1

1. Manufactured by Pacific Scientific 1346 S. STate College Blvd. Anaheim, Ca. 92803
(Name and address of NPT Certificate Holder)

2. Manufacturer for ITT Grinnell Corporation 621 DanaStreet N.E. Warren, Ohio 44481
(Name and address of purchaser or owner)

3. Location of Installation Unknown

4. Identification

(a) Component Support I.D. No.	(b) Canadian Registration No.	(c) Applicable Drawings with Last Rev & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Nat'l Board No.	(h) Year Built
(1) 18601	None	1801104-07-J	DR1413 Rev. 0	Linear	1	None	1983
(2) thru	"	"	"	"	"	"	"
(3) 18723							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. Remarks: Inspection Test Reports, CMTR's and Certificate of Conformance reviewed and meet ASME SECIII 1974 Edition, Summer '76 Addenda and Code Case 1644-6.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1977, Addenda Winter '78 (Date), Code Case No. 1644-7

Date 5-25-85 Signed Pacific Scientific (NPT Certificate Holder) by Rosalie G. Nieto

ASME Certificate of Authorization No 1198 to use the "NPT" (NPT)

Symbol expires Aug. 4, 1984 (Date)

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at Pacific Scientific

Filed Per NCA 3256

Design Specifications Certified by (1) Leo E. Ay PE State California

Reg No. 13533

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay

PE State California Reg No 13533

(1) Print name only, signature not required

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

PVP 8-5-85

(10/77) This form (E00075) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NF-1 (Back)

CERTIFICATE OF SHOP 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 OHIO and employed by HSB I&I Co. of Hartford, CT have inspected the component supports described in this Data Report on MAY 26 1983, 19 ___ and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 MAY 26 1983

Signed [signature] Commissions CA-1513/Ohio Commission
(Nat'l Bd., State, Prov., and No.)

CERTIFICATION OF FIELD 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 ___ and employed by ___ of ___ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items ___, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 ___

Signed ___ Commissions ___
(Nat'l Bd., State, Prov., and No.)

PY-7
8-585

WO# 88300
R/R# 01-02-083
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/06/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88300 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System RH - Residual Heat Removal
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	17475	N/A	RH-H-158B	1981	Replaced	No
Snubber	Pacific Scientific	18634	N/A	RH-H-158B	1983	Replacement	No

7. Description of Work: Replaced snubber on hanger RH-H-158B.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88300
R/R# 01-02-083
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/6/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NB10195 KY 1483 N.C. N.I
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-13-01

(12/82)

18634

FORM NF-1 NPT CERTIFICATE HOLDERS' DATA REPORT FOR COMPONENT SUPPORTS*

As Required by the Provisions of the ASME Code Rules, Section III, Division 1

1. Manufactured by Pacific Scientific 1346 S. State College Blvd. Anaheim, Ca. 92803
(Name and address of NPT Certificate Holder)

2. Manufacturer for ITT Grinnell Corporation 621 Dana Street N.E. Warren, Ohio 44481
(Name and address of purchaser or owner)

3. Location of Installation Unknown

4. Identification

(a) Component Support I.D. No.	(b) Canadian Registration No.	(c) Applicable Drawings with Last Rev & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Nat'l Board No.	(h) Year Built
(1) 18601	None	1801104-07-J	DR1413 Rev. 0	Linear	1	None	1983
(2) thru		"	"	"	"	"	"
(3) 18723							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. Remarks: Inspection Test Reports, CMTR's and Certificate of Conformance reviewed and meet ASME SECIII 1974 Edition, Summer '76 Addenda and Code Case 1644-6.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1977, Addenda Winter '78 (Date), Code Case No. 1644-7

Date 5-25-83 Signed Pacific Scientific (NPT Certificate Holder) by Frank G. Nauta

ASME Certificate of Authorization No 1198 to use the "NPT" (NPT) Symbol expires Aug. 4, 1984 (Date)

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at Pacific Scientific

Filed Per NCA 3256

Design Specifications Certified by (1) Leo E. Ay PE State California

Reg. No. 13533

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay

PE State California Reg No 13533

(1) Print name only, signature not required

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

PCH 8-5-85

(10/77) This form (E00075) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NF-1 (Back)

CERTIFICATE OF SHOP 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 OHIO and employed by HSBI&I Co. of Hartford, CT have inspected the component supports described in this Data Report on MAY 26 1983, 19 ___ and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 MAY 26 1983

Signed [signature] Commissions CA-1513/Ohio Commission
(Nat'l Bd., State, Prov., and No.)

CERTIFICATION OF FIELD 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 ___ and employed by ___ of ___ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items ___, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 ___

Signed ___ Commissions ___
(Nat'l Bd., State, Prov., and No.)

PYA
8-585

WO# 88301
R/R# 01-02-084
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/06/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88301 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System RH - Residual Heat Removal
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	10995	N/A	RH-H-165A	1980	Replaced	No
Snubber	Pacific Scientific	11076	N/A	RH-H-165A	1980	Replacement	No

7. Description of Work: Replaced snubber on hanger RH-H-165A.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88301
R/R# 01-02-084
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - Code Cases are listed on the N-5 Data Report

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/6/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NB 1049 Ky 1483 N.C. N I
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-13-01

(12/82)

FORM NF-1 NPT CERTIFICATE HOLDERS' DATA REPORT FOR COMPONENT SUPPORTS* 11076

As Required by the Provisions of the ASME Code Rules, Section III, Division 1 10989

P.O. 6/3/01

1. Manufactured by Pacific Scientific 1346 S. State College Blvd. Anaheim, Ca. 92803
(Name and address of NPT Certificate Holder)

2. Manufacturer for Southwest Fabricating & Welding Co., Inc. P.O. Box 9449 Houston Texas 77011
(Name and address of purchaser or owner) Carolina Power & Light
Ebasco Services, Inc. Agents for:

3. Location of Installation Shearon Harris Nuclear Plants, Newhill, Wake County, N. Carolina 27562

4. Identification

	(a) Component Support I.D. No.	(b) Canadian Registration No.	(c) Applicable Drawings with Last Rev. & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Nat'l Board No.	(h) Year Built
(1)	10913-	None	1801102-05-J	DR1351-A	Linear	1	None	1980
(2)	11117							
(3)								
(4)								
(5)								
(6)								
(7)								
(8)								
(9)								
(10)								

5. Remarks

4129

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1977, Addenda Summer '78 (Date)

Code Case No. 1644-6

Date 23 May 1980 Signed Pacific Scientific (NPT Certificate Holder) by Bill Jenkins

Our ASME Certificate of Authorization No 1198 to use the Component Supports (NPT)

Symbol expires Aug. 4, 1981 (Date)

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at
Pacific Scientific
Filed Per NA 3256

Design Specifications Certified by (1) Leo E. Ay PE State California

Reg. No 13533

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay

PE State California Reg. No 13533

(1) List name only, signature not required

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

(10/77) This form (E00075) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NF-1 (Back)

CERTIFICATE OF SHOP 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 California and employed by HSB I&I Co. of Hartford, CT have inspected the component supports described in this Data Report on 5/23 19 80 and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 5/23/80

Signed William Meyer Commissions Ca #1494 (Nat'l Bd., State, Prov., and No.)

CERTIFICATION OF FIELD 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 _____ and employed by _____ of _____ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items _____ not included in the certificate of shop inspection have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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

Signed _____ Commissions _____ (Nat'l Bd., State, Prov., and No.)

WO# 88302
R/R# 01-02-044
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/22/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88302 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System RH - Residual Heat Removal
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	15658	N/A	RH-H-165B	1981	Replaced	No
Snubber	Pacific Scientific	14289	N/A	RH-H-165B	1981	Replacement	No

7. Description of Work: Replaced snubber on hanger RH-H-165B.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88302
R/R# 01-02-044
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 10/22/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature]
Inspector's Signature

Commissions NC 4444 NB
National Board, State, Province, and Endorsements

Date 11-6-01

(12/82)

14289

FORM NF-1 NPT CERTIFICATE HOLDERS' DATA REPORT FOR COMPONENT SUPPORTS*

As Required by the Provisions of the ASME Code Rules, Section III, Division 1

1. Manufactured by Pacific Scientific 1346 S. State College Blvd, Anaheim, Ca. 92803
(Name and address of NPT Certificate Holder)

2. Manufacturer for Southwest Fabricating & Welding Co., Inc. P.O. Box 9449, Houston, Texas 77011
(Name and address of purchaser or owner)

3. Location of Installation Agents for: Ebasco Services, Inc. Shearon Harris Nuclear Plants Newhill, Wake County, N. Carolina 27562

4. Identification

	(a) Component Support I.D. No	(b) Canadian Registration No	(c) Applicable Drawings with Last Rev & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Nat'l Board No.	(h) Year Built
(1)	14242-14341,	None	1801102-05-K	DR-1351-Rev. A	Linear	1	None	1981
(2)	14359-14408							
(3)								
(4)								
(5)								
(6)								
(7)								
(8)								
(9)								
(10)								

5. Remarks

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1977 Addenda Summer '78 (Date)

Code Case No 1644-6

Date 3/4/81 signed Pacific Scientific (NPT Certificate Holder) by Ronald A. Nava

Our ASME Certificate of Authorization No 1198 to use the Component Supports (N, NV)

Symbol expires Aug. 4, 1981 (Date)

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at
Pacific Scientific
Filed Per NA 3256

Design Specifications Certified by (1) Leo E. Ay Pt State California

Reg No 13533

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay

Pt State California Reg No 13533

(1) List name only, signature not required

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

1-3036

FORM NF-1 (Back)

CERTIFICATE OF SHOP 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 California and employed by HSBI&I Co. of Hartford, CT have inspected the component supports described in this Data Report on 3/10 81 and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 8/10/81

Signed William [illegible] Commissions Ca #1494
(Nat'l Bd., State, Prov., and No.)

CERTIFICATION OF FIELD 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 _____ and employed by _____ of _____ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items _____ not included in the certificate of shop inspection have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 _____

Signed _____ Commissions _____
(Nat'l Bd., State, Prov., and No.)

037

WO# 88303
R/R# 01-02-085
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/06/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88303 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System SI - Safety Injection
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	9179	N/A	SI-H-114A	1983	Replaced	No
Snubber	Pacific Scientific	6040	N/A	SI-H-114A	1979	Replacement	No

7. Description of Work: Snubber was replaced to support scheduled testing.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88303
R/R# 01-02-085
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed Dayna Long for Equipment Performance Supervisor Date 11/6/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

James A. Longenbury Commissions NB 10195 Ky, 1483 NC N I
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-13-01

(12/82)

6040

*REVISED

FORM NF-1 NPT CERTIFICATE HOLDERS' DATA REPORT FOR COMPONENT SUPPORTS*

As Required by the Provisions of the ASME Code Rules, Section III, Division 1

#16

1. Manufactured by Pacific Scientific, Kin-Tech Division 1346 South State College Blvd. Anaheim, California 92803
(Name and address of NPT Certificate Holder)

2. Manufactured for ITT Grinnell Corporation, 621 Dana Street N.E. Warren, Ohio 44481
(Name and address of purchaser or owner)

3. Location of Installation Unknown

4. Identification

	(a) Component Support I.D. No.	(b) Canadian Registration No.	(c) Applicable Drawings with Last Rev. & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Nat'l Board No.	(h) Year Built
(1)	6040	None	1801103-07-H	DR-1416-Rev. 0	Linear	1	None	1979
(2)								
(3)								
(4)								
(5)								
(6)								
(7)								
(8)								
(9)								
(10)								

5. Remarks:

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition *1977, Addenda * Winter '78 (Date), Code Case No. 1644-5

Date 10/3/85 Signed Pacific Scientific (NPT Certificate Holder) by Rosalie A. Nolan

Our ASME Certificate of Authorization No. N-1198 to use the "NPT" (NPT)

Symbol expires August 4, 1987 (Date).

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at Pacific Scientific

Filed Per NCA-3256

Design Specifications Certified by (1) Leo E. Ay PE State California

Reg. No. 13533

Stress Analysis Report or Load Capacity Data Sheet Certified by (1) Leo E. Ay

PE State California Reg. No. 13533.

(1) List name only, signature not required

*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8½ x 11 in., (2) information in items 1, 2, 3, 4, 5 of this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is included in item 5 of this form.

(10/77) This form (E00075) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

CERTIFICATE OF SHOP INSPECTION

The undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of California and employed by HSBIM Co. of Hartford, CT have inspected the component supports described in this Data Report on ____ and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 10-3-85

Signed Cindy F. Reuss Commissions CA 1526 / OHIO COMM
(Nat'l Bd., State, Prov., and No.)

CERTIFICATION OF FIELD 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 ____ and employed by ____ of ____ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items ____, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 ____

Signed ____ Commissions ____
(Nat'l Bd., State, Prov., and No.)

WO# 88304
R/R# 01-02-086
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/06/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88304 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System SI - Safety Injection
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	7106	NA	SI-H-114B	1980	Replaced	No
Snubber	Pacific Scientific	6532	NA	SI-H-114B	1979	Replacement	No

7. Description of Work: Replaced snubber on hanger SI-H-114B.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88304
R/R# 01-02-086
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases.

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/6/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NB10195 Ky 1483 N.C. NI
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-13-01

(12/82)

6532

FORM NF-1 NPT CERTIFICATE HOLDERS' DATA REPORT FOR COMPONENT SUPPORTS*

As Required by the Provisions of the ASME Code Rules, Section III, Division 1

1 Manufactured by Pacific Scientific 1346 S. STate Colleg Blvd. Anaheim, Ca.92803
(Name and address of NPT Certificate Holder)

2 Manufacturer for Southwest Fabricating & Welding Company P.O. Box 9449 Houston, Texas 77011
(Name and address of purchaser or owner)
Ebasco Services, Inc. Shearon Harris Nuclear Plants
Agents for Carolina Power & light Newhill, Wake County, N. Carolina 27562

3 Location of Installation

4 Identification

(a) Component Support I D No	(b) Canadian Registration No	(c) Applicable Drawings with Last Rev & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Nat'l Board No	(h) Year Built
(1) 6440-6456	None	1801103-07-H	DR-1352-Rev. B	Linear	1	None	1979
(2) 6520-6534							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5 Remarks

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition '77 Addenda Summer '78 (Date)

Code Case No 1644-6

Date 12-20-79 Signed Pacific Scientific (NPT Certificate Holder) by D L Yager

Our ASME Certificate of Authorization No. 1198 to use the Component Supports (NPT)

Symbol expires Aug. 4, 1981 (Date)

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at Pacific Scientific Filed per NA 3256

Design Specifications Certified by (1) Leo E. Ay PE State California

Reg No 13533

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay

PE State California Reg No 13533

(1) List name only signature not required

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

(10/77) This form (E00075) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NF-1 (Back)

CERTIFICATE OF SHOP 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 New York and employed by USBI&I Co. of Hartford, CT have inspected the component supports described in this Data Report on 12/20 19 and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 12/20/79

Signed William G. Meyer Commissions N.Y. Commission #2770
(Nat'l Bd., State, Prov., and No.)

CERTIFICATION OF FIELD 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 _____ and employed by _____ of _____ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items _____, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 _____

Signed _____ Commissions _____
(Nat'l Bd., State, Prov., and No.)

WO# 88307
R/R# 01-02-067
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/06/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88307 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System SI - Safety Injection
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	24891	NA	SI-H-222	1982	Replaced	No
Snubber	Pacific Scientific	11001	NA	SI-H-222	1980	Replacement	No

7. Description of Work: Replaced snubber on hanger SI-H-222.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88307
R/R# 01-02-067
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases.

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/6/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NB10195 Ky 1483 NC, NI
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-13-01

(12/82)

FORM NF-1 NPT CERTIFICATE HOLDERS' DATA REPORT FOR COMPONENT SUPPORTS*

As Required by the Provisions of the ASME Code Rules, Section III, Division 1

11001

1. Manufactured by Pacific Scientific 1346 S. State College Blvd. Anaheim, Ca. 92803
(Name and address of NPT Certificate Holder)

2. Manufacturer for Southwest Fabricating & Welding Co., Inc. P.O. Box 9449 Houston Texas 77011
(Name and address of purchaser or owner) Carolina Power & Light
Ebasco Services, Inc. Agents for:

3. Location of Installation Shearon Harris Nuclear Plants, Newhill, Wake County, N. Carolina 27562

4. Identification

	(a) Component Support I.D. No.	(b) Canadian Registration No.	(c) Applicable Drawings with Last Rev. & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Nat'l Board No.	(h) Year Built
(1)	10913-	None	1801102-05-.T	DR1351-A	Linear	1	None	1980
(2)	11117							
(3)								
(4)								
(5)								
(6)								
(7)								
(8)								
(9)								
(10)								

5. Remarks

4129

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1977, Addenda Summer '78 (Date)

Code Case No. 1644-6

Date 23 May 1980 Signed Pacific Scientific (NPT Certificate Holder) by Bill Jenkins

Our ASME Certificate of Authorization No 1193 to use the Component Supports (NPT)

Symbol expires Aug. 4, 1981 (Date)

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at
Pacific Scientific
Filed Per NA 3256

Design Specifications Certified by (1) Leo E. Ay PE State California

Reg. No 13533

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay

PE State California Reg. No 13533

(1) List name only, signature not required

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

(10/77) This form (E00075) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NF-1 (Back)

CERTIFICATE OF SHOP 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 California and employed by HSB I&I Co. of Hartford, CT have inspected the component supports described in this Data Report on 5/23 19 80 and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 5/23/80

Signed William Meyer Commissions Ca #1494
(Nat'l Bd., State, Prov., and No.)

CERTIFICATION OF FIELD 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 _____ and employed by _____ of _____ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items _____, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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

Signed _____ Commissions _____
(Nat'l Bd., State, Prov., and No.)

WO# 88308
R/R# 01-02-066
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/06/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88308 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System SI - Safety Injection
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter '76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	36215	NA	SI-H-1161A	1983	Replaced	No
Snubber	Pacific Scientific	37262	NA	SI-H-1161A	1985	Replacement	No

7. Description of Work: Replaced snubber on hanger SI-H-1161A.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88308
R/R# 01-02-066
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases.

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/6/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NB10195 Ky 1483 N.C. N I
Inspector's Signature
National Board, State, Province, and Endorsements

Date 11-13-01

(12/82)

37262

FORM NF-1 NPT CERTIFICATE HOLDERS' DATA REPORT FOR COMPONENT SUPPORTS*

As Required by the Provisions of the ASME Code Rules, Section III, Division 1

1. Manufactured by PACIFIC SCIENTIFIC, KIN-TECH DIVISION, South State College Blvd. Anaheim, California 92803
(Name and address of NPT Certificate Holder)

2. Manufacturer for ITT Grinnell Corp. 621 Dana Street, N.E. Warren, Ohio 44481
(Name and address of purchaser or owner)

3. Location of Installation Unknown

4. Identification

	(a) Component Support I.D. No	(b) Canadian Registration No.	(c) Applicable Drawings with Last Rev. & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Nat'l Board No.	(h) Year Built
(1)	37206	None	1801104-05-J	DR-1412-Rev. 0	Linear	1	None	1985
(2)	thru	"	"	"	"	"	"	"
(3)	37280							
(4)								
(5)								
(6)								
(7)								
(8)								
(9)								
(10)								

5. Remarks: Inspection Test Reports, CMTR's and Certificate of Compliance are also certified to meet ASME SEC III 1974 Edition, Summer '76 Addenda and Code Case 1644-6.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1977, Addenda Winter '78 (Date).

Code Case No. 1644-7

Date 11/14/85 Signed Pacific Scientific (NPT Certificate Holder) by Ronald G. Nanna

Our ASME Certificate of Authorization No. N-1198 to use the "NPT" (NPT)

Symbol expires Aug. 4, 1987 (Date).

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at Pacific Scientific Filed Per NCA 3256

Design Specifications Certified by (1) Leo E. Ay PE State California

Reg. No. 13533.

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay

PE State California Reg No 13533

(1) List name only, signature not required.

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

Pg 1-5 11-18-85

(10/77) This form (E00075) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NF-1 (Back)

CERTIFICATE OF SHOP 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 OHIO and employed by HSBI&I Co. of Hartford, CT have inspected the component supports described in this Data Report on 11.14.85, and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 11.14.85

Signed Emilio F. Reyes Commissions CA-1526 / OHIO COMM.
(Nat'l Bd., State, Prov., and No.)

CERTIFICATION OF FIELD 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 _____ and employed by _____ of _____ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items _____, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 _____

Signed _____ Commissions _____
(Nat'l Bd., State, Prov., and No.)

11-14-85

WO# 88309
R/R# 01-02-049
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/22/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88309 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System SI - Safety Injection
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	36212	NA	SI-H-1161B	1983	Replaced	No
Snubber	Pacific Scientific	7289	NA	SI-H-1161B	1979	Replacement	No

7. Description of Work: Replaced snubber on hanger SI-H-1161B.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88309
R/R# 01-02-049
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases.

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 10/22/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-8-01

(12/82)

7289

FORM NF-1 NPT CERTIFICATE HOLDERS' DATA REPORT FOR COMPONENT SUPPORTS*

As Required by the Provisions of the ASME Code Rules, Section III, Division 1

1. Manufactured by Pacific Scientific 1346 S. State College Blvd. Anaheim, Ca. 92803
   Southwest Fabricating & (Name and address of NPT Certificate Holder)
2. Manufacturer for Welding Co., Inc. P.O. Box 9449 Houston, Texas 77011
   Ebasco Services, Inc. (Name and address of purchaser or owner)
3. Location of Installation Agents for Carolina Power & Light Shearon Harris Nuclear Plants Newhill, Wake County, N. Carolina
4. Identification

	(a) Component Support I.D. No.	(b) Canadian Registration No.	(c) Applicable Drawings with Last Rev. & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Nat'l Board No.	(h) Year Built
(1)	7267-7320	None	1801104-07-R	DR-1347-Rev. B	Linear	1	None	1979
(2)								
(3)								
(4)								
(5)								
(6)								
(7)								
(8)								
(9)								
(10)								

5. Remarks

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition '77, Addenda Summer '78 (Date)

Code Case No. 1644-6

Date 5 December 1979 Signed Pacific Scientific (NPT Certificate Holder) by Bill Jenkins

Our ASME Certificate of Authorization No 1198 to use the Component Supports (NPT)

Symbol expires Aug. 4, 1981 (Date)

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at
Pacific Scientific
Filed Per NA 3256

Design Specifications Certified by (1) Leo E. Ay PE State California

Reg No 13533

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay

PE State California Reg No 13533

(1) List name only, signature not required

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

(10/77) This form (E00075) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NF-1 (Back)

CERTIFICATE OF SHOP 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 California and employed by HSBI&I Co. of Hartford, CT have inspected the component supports described in this Data Report on 12-5, 19 79 and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 12-5-79

Signed W.H. Bucher Commissions CA-1280
(Nat'l Bd., State, Prov. and No.)

CERTIFICATION OF FIELD 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 _____ and employed by _____ of _____ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items _____, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 _____

Signed _____ Commissions _____
(Nat'l Bd., State, Prov. and No.)

WO# 88310
R/R# 01-02-147
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/22/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88310 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System WL - Waste Processing Liquid
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	8796	NA	WL-H-4680	1979	Replaced	No
Snubber	Bergen-Paterson	7831	NA	WL-H-4680	Unknown	Replacement	No

7. Description of Work: Replaced snubber on hanger WL-H-4680.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88310
R/R# 01-02-147
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases.

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 10/22/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-8-01

(12/82)

WO# 88349
R/R# 01-02-050
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/22/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant - (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88349 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System CT - Containment Spray
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	14372	NA	CT-H-864	1981	Replaced	No
Snubber	Pacific Scientific	15633	NA	CT-H-864	1981	Replacement	No

7. Description of Work: Replaced snubber on hanger CT-H-864.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88349
R/R# 01-02-050
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases.

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed Dayan Dong for Equipment Performance Supervisor Date 10/22/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

Inspector's Signature Commissions NC1444 NTAB
National Board, State, Province, and Endorsements

Date 11-6-01

(12/82)

FORM [illegible] CERTIFICATE HOLDER'S DATA REPORT [illegible] COMPONENT SUPPORTS
As Required by the Provisions of the ASME Code Rules, [illegible] Division 1

156

1. Manufactured by Pacific Scientific 1346 S. State College Blvd. Anaheim, Ca. 92803
Southwest Fabricating & [illegible] (Name and address of NPT Certificate Holder)
2. Manufactured for [illegible] Co. [illegible] 9449 Houston, T[illegible] (Name and address of purchaser)
3. Location of Installation Unknown
4. Identification

(a) Component Support I.D. No.	(b) Canadian Registration No.	(c) Applicable Drawings with Last Rev. & Date	(d) Stress Report or Load Capacity Data Sheet	Type of Component Support	(f) Pressure	(g) Nat'l Board No.	(h) Year Built
(1) [illegible]		1801102-05-K [illegible]		L[illegible]			
(2) [illegible] 1595		[illegible]					
(3) 15597,15599		[illegible]					
(4) 15606-15610		[illegible]					
(5) 15635,15637-15652		[illegible]					
(6) 15654-15671		[illegible]					
(7)							
(8)							
(9)							
(10)							

5. Remarks:

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1977 Addenda Summer '78 (Date)

Code Case No. 1644-6

Date 5/14/81 Signed Pacific Scientific (NPT Certificate Holder) by [signature]

Our ASME Certificate of Authorization No. N-1198 to use the Component Supports (NPT)

Symbol expires Aug. 4, 1981 (Date)

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at:
Pacific Scientific
Filed Per NA 3256

Design Specifications Certified by (1) Leo E. Ay PE State California

Reg. No. 13533

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay

PE State California Reg. No. 13533

(1) List name only, signature not required.

Supplemental sheets in form of lists, sketches or drawings may be used provided (1) [illegible], (2) information in items 1, 2, 4c, 4g on this Data Report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at top of this form.

(10/77) This form (E00075) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

0 1 7 3 2 1 3 9 7 7

FORM N-5 (Back)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler [illegible] Vessel Inspectors and the State or Province of California and employed by HSB I&I Co. Hartford, CT have inspected the component supports described in this Data Report on 5-14 19 81 and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 5-14-81

Signed William [illegible] Commissions CA 1104
(Nat'l Bd., State, Prov., and No.)

CERTIFICATION OF FIELD 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 _____ and employed by _____ of _____ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items _____, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 _____

Signed _____ Commissions _____
(Nat'l Bd., State, Prov., and No.)

0 0 7 7 2 3 9 7 8

WO# 88560
R/R# 01-02-100
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/26/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88560 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System FW - Feedwater
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Elbow	Dubose NES	NA	N/A	PO# 1032970 HT# H762A	Unknown	Replacement	Yes
Filler Metal	Weldstar	NA	NA	PO# H57610 HT# B12995	Unknown	Replacement	No
Filler Metal	Weldstar	NA	NA	PO# 1032991 HT# 120576	Unknown	Replacement	No
Filler Metal	Weldstar	NA	NA	PO# 31323 HT# 125184	Unknown	Replacement	No
Filler Metal	Weldstar	NA	NA	PO# 24396 HT# 239881	Unknown	Replacement	No
Filler Metal	Weldstar	NA	NA	PO# 31323 HT# 286052	Unknown	Replacement	No
Filler Metal	Weldstar	NA	NA	PO# 31323 HT# 239881	Unknown	Replacement	No

7. Description of Work: Replaced 16" FW elbows in lines 2FW16-67SN-1 and 2FW16-69SN-1.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☒
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88560
R/R# 01-02-100
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-2 performed per the requirements of Code Case N-416-1.
Applicable Manufacturer's Data Reports to be attached.
MT and UT performed on FW weld to satisfy ASME XI preservice requirements.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/26/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-16-02

(12/82)

WO# 88697
R/R# 01-02-163
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/29/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88697 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System MS - Main Steam
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Coloc Nut	Coloc Industries	NA	NA	Part # 732-863-12 PO # 1025995	Unknown	Replacement	No

7. Description of Work: Replaced coloc nut on hanger MS-H-84.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88697
R/R# 01-02-163
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed after the coloc nut was replaced.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 10/29/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-8-01

(12/82)

WO# 88699
R/R# 01-02-164
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/29/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88699 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System MS - Main Steam
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Coloc Nut	Coloc Industries	NA	NA	Part # 732-862-62 PO # 31809	Unknown	Replacement	No

7. Description of Work: Replaced coloc nut on hanger MS-H-85.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88699
R/R# 01-02-164
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed after colco nut was repalced.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 10/29/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-6-01

(12/82)

WO# 88700
R/R# 01-02-165
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/29/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88700 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System MS - Main Steam
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Coloc Nut	Coloc Industries	NA	NA	Part # 732-862-88 PO # 1027796	Unknown	Replacement	No

7. Description of Work: Replaced coloc nut on hanger MS-H-86.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88700
R/R# 01-02-165
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed after coloc nut was replaced.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed Dayan Dong for Equipment Performance Supervisor Date 10/29/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

Inspector's Signature Commissions NC 1444 NIAB
National Board, State, Province, and Endorsements

Date 11-6-01

(12/82)

WO# 88701
R/R# 01-02-158
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/13/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88701 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System MS - Main Steam
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Coloc Nut	Coloc Industries	NA	NA	PO# 1027796 PN# 732-862-88	Unknown	Replacement	No
Coloc Nut	Coloc Industries	NA	NA	PO# 1025995 PN# 732-863-12	Unknown	Replacement	No

7. Description of Work: Replaced coloc nuts on hanger MS-H-76.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88701
R/R# 01-02-158
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after coloc nut replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/13/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-14-01

(12/82)

WO# 88702
R/R# 01-02-159
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/29/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88702 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System MS - Main Steam
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Coloc Nut	Coloc Industries	NA	NA	Part # 732-862-62 PO # 31809	Unknown	Replacement	No

7. Description of Work: Replaced coloc nut on hanger MS-H-77.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88702
R/R# 01-02-159
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed after coloc nut was replaced.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 10/29/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-6-01

(12/82)

WO# 88703
R/R# 01-02-162
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/00/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88703 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System MS - Main Steam
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Coloc Nut	Coloc Industries	NA	NA	Part # 732-862-88 PO # 1027796	Unknown	Replacement	No

7. Description of Work: Replaced coloc nut on hanger MS-H-78.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88703
R/R# 01-02-162
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed after coloc nut was replaced.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 10/29/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-8-01

(12/82)

WO# 88709
R/R# 01-02-161
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/29/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88709 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System SI - Safety Injection
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Coloc Nut	Coloc Industries	NA	NA	Part # 732-863-38 PO # 1009597	Unknown	Replacement	No
Coloc Nut	Coloc Industries	NA	NA	Part # 732-863-46 PO # 1027799	Unknown	Replacement	No

7. Description of Work: Replaced coloc nuts on hanger SI-H-470.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88709
R/R# 01-02-161
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed after coloc nuts were replaced.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 10/29/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-6-01

(12/82)

WO# 88710
R/R# 01-02-157
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/29/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88710 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System BD - Steam Generator Blowdown
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Coloc Nut	Coloc Industries	NA	NA	Part # 732-863-46 PO # 1027799	Unknown	Replacement	No

7. Description of Work: Replaced coloc nut on hanger BD-H-99.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88710
R/R# 01-02-157
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed after coloc nut was replaced.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed Dayun Hong for Equipment Performance Supervisor Date 10/29/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

Inspector's Signature Commissions NC 1444 NIAB
National Board, State, Province, and Endorsements

Date 11-6-01

(12/82)

WO# 88938
R/R# 01-02-178
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 01/15/02
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88938 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System AF - Auxiliary Feedwater
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Valve	Anchor/Darling Valve Co.	E-9074-1-3	190	1AF-68	Unknown	Replaced	Yes

7. Description of Work: Removed 1AF-68 from system.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88938
R/R# 01-02-178
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks Valve 1AF-84 will be removed from system under 88454-10, retagged as 1AF-68, and installed
Applicable Manufacturer's Data Reports to be attached.
back into AF system.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 1/15/02
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-17-02

(12/82)

WO# 89103
R/R# 01-02-127
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 03/11/02
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 89103 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System CS - Chemical Volume Control
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Disc	Kerotest Manufacturing Corp.	NA	N/A	724-135-60	1981	Replaced	No
Disc	Flowserve	NA	NA	PO# 29114	Unknown	Replacement	No

7. Description of Work: Replaced disc on valve 1CS-250.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 89103
R/R# 01-02-127
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 3/11/02
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 3/12/02

(12/82)

WO# 90450
R/R# 01-02-179
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 01/15/02
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 90450 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System AF - Auxiliary Feedwater
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Valve	Anchor/Darling Valve Co.	E-9074-1-2	187	1AF-106	Unknown	Replaced	Yes

7. Description of Work: Removed 1AF-106 from system.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 90450
R/R# 01-02-179
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks Valve 1AF-65 will be removed from system under 88454-08, retagged as 1AF-106, and installed
Applicable Manufacturer's Data Reports to be attached.
back into AF system.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 1/15/02
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-17-02

(12/82)

WO# 178306
R/R# 01-02-139
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/29/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 178306 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System CS - Chemical Volume Control
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `74 Addenda, N/A Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Disc	Crosby	N90448-33-0052	N/A	Part# 724-660-06	Unknown	Replaced	Yes
Disc	Crosby	N90448-53-0236	N/A	Part# 724-660-06 PO# 160247-08 HA#1G4410	Unknown	Replacement	Yes

7. Description of Work: Replaced disc on valve 1CS-10
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 178306
R/R# 01-02-139
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 10/29/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NB 1845
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-6-01

(12/82)

WO# 179906
R/R# 01-02-140
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/13/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 179906 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System SW - Service Water
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter '76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Flange	Dubose NES	NA	NA	PO# 39615 HT# S1295 PN# 514-206-36	Unknown	Replacement	Yes
Pipe	Dubose NES	NA	NA	PO# 1009397 HT# 122569 PN# 732-058-58	Unknown	Replacement	Yes
Filler Metal	Weldstar	NA	NA	PO# 1032991 HT# 120576 PN# 514-002-99	Unknown	Replacement	No

7. Description of Work: Replaced pipe and flange on line 2SW4-605SA-1.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☒
   Other ☐ Pressure N/A psi Test Temp. N/A ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 179906
R/R# 01-02-140
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-2 performed per Code Case N-416-1.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases.

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/13/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-14-01

(12/82)

WO# 179907
R/R# 01-02-141
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/13/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 179907 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System SW - Service Water
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Flange	Dubose NES	NA	NA	PO# 39615 HT# S1295 PN# 514-206-36	Unknown	Replacement	Yes
Pipe	Dubose NES	NA	NA	PO# 1009397 HT# 122569 PN# 732-058-58	Unknown	Replacement	Yes
Filler Metal	Techalloy Md, Inc.	NA	NA	PO# H57610 HT# B12995 PN# 514-003-07	Unknown	Replacement	No
Filler Metal	Weldstar	NA	NA	PO# 1032991 HT# 120576 PN# 514-002-99	Unknown	Replacement	No

7. Description of Work: Replaced pipe and flange on line 2SW4-453SA-1.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☒
   Other ☐ Pressure N/A psi Test Temp. N/A ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 179907
R/R# 01-02-141
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-2 performed per Code Case N-416-1.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases.

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/13/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-14-01

(12/82)

WO# 179909
R/R# 01-02-142
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/13/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 179909 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System SW - Service Water
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Cap	Dubose NES	NA	NA	PO# 39657 HT# 50815	Unknown	Replacement	Yes
Half Coupling	Dubose NES	NA	NA	PO# 8N1734 HT# AGB	Unknown	Replacement	Yes

7. Description of Work: Replaced cap and half coupling on line 2SW4-452SA-1.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☒
   Other ☐ Pressure N/A psi Test Temp. N/A ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 179909
R/R# 01-02-142
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-2 performed per Code Case N-416-1.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases.

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/13/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5-13-00 to 12-14-01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-14-01

(12/82)

WO# 184684
R/R# 01-02-167
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/13/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 184684 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System SI - Safety Injection
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter '76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Coloc Nut	Coloc Industries	NA	NA	PN# 732-863-38 PO# 26339	Unknown	Replacement	No

7. Description of Work: Replaced coloc nut on hanger SI-H-516.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____°F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 184684
R/R# 01-02-167
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed after coloc nut was replaced.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/13/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-14-01

(12/82)

WO# 184686
R/R# 01-02-168
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/22/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 184686 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System BD - Steam Generator Blowdown
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	11074	N/A	BD-H-367	1980	Replaced	No
Snubber	Pacific Scientific	10989	N/A	BD-H-367	1980	Replacement	No

7. Description of Work: Replaced snubber on hanger BD-H-367.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 184686
R/R# 01-02-168
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 10/22/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-6-01

(12/82)

FORM NF-1 NPT CERTIFICATE HOLDERS' DATA REPORT FOR COMPONENT SUPPORTS*

As Required by the Provisions of the ASME Code Rules, Section III, Division 1

~~10995~~ 10989 11074 D.D. 10/21/01

1. Manufactured by Pacific Scientific 1346 S. State College Blvd. Anaheim, Ca. 92803
(Name and address of NPT Certificate Holder)

2. Manufacturer for Southwest Fabricating & Welding Co., Inc. P.O. Box 9449 Houston Texas 77011
(Name and address of purchaser or owner) Carolina Power & Light
Ebasco Services, Inc. Agents for:

3. Location of Installation Shearon Harris Nuclear Plants, Newhill, Wake County, N. Carolina 27562

4. Identification

(a) Component Support I.D. No.	(b) Canadian Registration No.	(c) Applicable Drawings with Last Rev. & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Nat'l Board No.	(h) Year Built
(1) 10913-	None	1801102-05-.1	DR1351-A	Linear	1	None	1980
(2) 11117							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. Remarks

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1977, Addenda Summer '78 (Date)

Code Case No. 1644-6

Date 23 May 1980 Signed Pacific Scientific (NPT Certificate Holder) by Bill Jenkins

Our ASME Certificate of Authorization No 1193 to use the Component Supports (NPT)

Symbol expires Aug. 4, 1981 (Date)

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at
Pacific Scientific
Filed Per NA 3256

Design Specifications Certified by (1) Leo E. Ay PE State California

Reg. No 13533

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay

PE State California Reg. No 13533

(1) List name only, signature not required

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

(10/77) This form (E00075) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NF-1 (Back)

CERTIFICATE OF SHOP 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 California and employed by USB&I Co. of Hartford, CT have inspected the component supports described in this Data Report on 5/23, 19 80 and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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 5/23/80

Signed William Meyer Commissions Ca #1494 (Nat'l Bd., State, Prov., and No.)

CERTIFICATION OF FIELD 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 _____ and employed by _____ of _____ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items _____, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the component supports 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

Signed _____ Commissions _____ (Nat'l Bd., State, Prov., and No.)

WO# 197307
R/R# 01-02-180
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 12/18/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 197307 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System BD - Steam Generator Blowdown
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Coloc Nut	Coloc Industries	NA	N/A	PO# 26339 PN# 732-863-38	Unknown	Replacement	No

7. Description of Work: Replaced coloc nut on hanger BD-H-353 on line 2BD2-66SN-1.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 197307
R/R# 01-02-180
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after coloc nut replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 12/18/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 12/26/01

(12/82)

WR/JO 00-AAAG1
R/R #01-02-001
ASME III, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company (Name) Date September 11, 2001

P.O. Box 1551, Raleigh, N. C. 27602-1551 (Address) Sheet 1 of 2

2. Plant Shearon Harris Nuclear Power Plant (Name) Unit 1

P.O. Box 165, New Hill, N. C. 27562-0165 (Address) WR/JO 00-AAAG1 (Repair Organization P.O. No., Job No., etc.)

3. Work Performed by Carolina Power & light Company (Name) Type Code Symbol Stamp N/A

P.O. Box 165 New Hill, N.C. 27562-0165 (Address) Authorization No. N/A

Expiration Date N/A

4. Identification of System: Chemical & Volume Control ASME III, CLASS 2

5. (a) Applicable Construction Code ASME Sect.III 19 74 Edition, WINTER 1976 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89, Addenda NO

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	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Inboard Mechanical Seals	Pacific Pumps	49181	N/A	HT# 818398-43-AA	N/A	Replaced	N/A
Inboard Mechanical Seals	Pacific Pumps	49181	N/A	HT# 67953-138-AD	N/A	Replacement	N/A
Outboard Mechanical Seals	Pacific Pumps	49183	N/A	HT# 818398-44-AB	N/A	Replaced	N/A
Outboard Mechanical Seals	Pacific Pumps	49183	N/A	HT# 67953-137-AC	N/A	Replacement	N/A

7. Description of Work: Replaced Inboard and Outboard Mechanical Seals on pump 1CS-CSIPC.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ 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.
(12/82)

WR/JO 00-AAAG1
R/R # 01-02-001
ASME III, CLASS 2

FORM NIS-2 (Back)

9. Remarks: VT-2 performed under WO 00-ADT01.
Applicable Manufacturer's Date Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 9/11/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 05-13-00 to 12-14-01, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NC 1444 NI
Inspector's Signature National Board, State, Province, and Endorsements

Date 9-12 20 01.

(12/82)

W/O 00-ACSF1
R/R# FLT-1A-SN-006
ASME III, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company (Name) — Date March 9, 2001

P.O. Box 1551, Raleigh, N. C. 27602-1551 (Address) — Sheet 1 of 2

2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1

P.O. Box 165, New Hill, N. C. 27562-0165 (Address) — W/O 00-ACSF1 (Repair Organization P.O. No., Job No., etc.)

3. Work Performed by Carolina Power & light Company (Name) — Type Code Symbol Stamp N/A

P.O. Box 165 New Hill, N.C. 27562-0165 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System: Chemical & Volume Control — ASME III, CLASS 2

5. (a) Applicable Construction Code ASME Sect.III 19 74 Edition, WINTER 1976 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89.

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	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Rod	Alloy Rods, Inc.	N/A	N/A	514-003-49 PO# 7I3538	N/A	Repaired	N/A

7. Description of Work: Installed seal plate inside Seal Water Injection Filter 1A-SN.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ 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.
(12/82)

W/O 00-ACSF1
R/R# FLT-1A-SN-006
ASME III, CLASS 2

FORM NIS-2 (Back)

9. Remarks: Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Dayan Dong for Equipment Performance Supervisor Date 3/9/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-29-98 to 5-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature

Commissions NB 9291ABNI, NC 1444
National Board, State, Province, and Endorsements

Date 5-2 2001.

(12/82)

W/O 00-ADAW2
R/R# CHV-AF-V177SAB-005
ASME III, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company (Name) — Date March 9, 2001

P.O. Box 1551, Raleigh, N. C. 27602-1551 (Address) — Sheet 1 of 2

2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1

P.O. Box 165, New Hill, N. C. 27562-0165 (Address) — W/O 00-ADAW2 (Repair Organization P.O. No., Job No., etc.)

3. Work Performed by Carolina Power & light Company (Name) — Type Code Symbol Stamp N/A

P.O. Box 165 New Hill, N.C. 27562-0165 (Address) — Authorization No. N/A

Expiration Date N/A

4. Identification of System: Auxiliary Feedwater ASME III, CLASS 2

5. (a) Applicable Construction Code ASME Sect.III 19 74 Edition, WINTER 1976 Addenda, N/A Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89.

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	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Cap	Dubose NES	N/A	N/A	514-232-83 PO# 8Q8108 HT# LK4TB	N/A	Replacement	N/A
Plug	Dubose NES	N/A	N/A	725-429-05 PO# 8N1734 HT# 21R	N/A	Replacement	N/A

7. Description of Work: Installed pipe cap with plug on valve 1AF-103.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ 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.
(12/82)

W/O 00-ADAW2
R/R# CHV-AF-V177SAB-005
ASME III, CLASS 2

FORM NIS-2 (Back)

9. Remarks: Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 3/9/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-29-98 to 5-12-00, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[signature] Commissions NB 9291ABNI, NC 1444
Inspector's Signature — National Board, State, Province, and Endorsements

Date 5-2 20 01.

(12/82)

WO# 104647-02
R/R# 01-02-091
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/31/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 104647-02 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System RC - Reactor Coolant
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `74 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Coloc Nut	Coloc Industries	NA	NA	Part# 732-863-38	Unknown	Replaced	No
Coloc Nut	Coloc Industries	NA	NA	PO# 26339	Unknown	Replacement	No

7. Description of Work: Replaced coloc nut on hanger RC-H-537.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 104647-02
R/R# 01-02-091
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed after coloc nut was replaced.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases.

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 10/31/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5-13-00 to 12-14-01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-6-01

(12/82)

WO# 104647-03
R/R# 01-02-092
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/31/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 104647-03 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System RC - Reactor Coolant
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `74 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Coloc Nut	Coloc Industries	NA	NA	Part# 732-863-38	Unknown	Replaced	No
Coloc Nut	Coloc Industries	NA	NA	PO# 26339	Unknown	Replacement	No

7. Description of Work: Replaced coloc nut on hanger RC-H-538.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 104647-03
R/R# 01-02-092
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed after coloc nut was replaced.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases.

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 10/31/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5-13-00 to 12-14-01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 144 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-6-01

(12/82)

WO# 145920-02
R/R# 01-02-169
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 10/29/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 145920-02 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System CS - Chemical Volume Control
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Nut	Unknown	NA	NA	Part# 723-377-85	Unknown	Replaced	No
Nut	Dubose National Energy Services	Part# A5819	NA	PO# 1027715 HT# AMP	Unknown	Replacement	No

7. Description of Work: Repalced nut on valve 1CS-127.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 145920-02
R/R# 01-02-169
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed Dayan Dong for Equipment Performance Supervisor Date 10/29/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

Inspector's Signature Commissions NC 1444 NIAB
National Board, State, Province, and Endorsements

Date 11/6/01

(12/82)

WO# 146167-05
R/R# 01-02-169A
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 12/06/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 146167-05 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System CS - Chemical Volume Control
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Rod	T&T Enterprises	NA	N/A	PO# 1008348 HT# S30148	Unknown	Replacement	Yes
Nut	T&T Enterprises	NA	NA	PO# 8M2542 HT# ZC	Unknown	Replacement	Yes

7. Description of Work: Replaced bolting on LDHX bolt holes 10, 13, 16 & 28.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____°F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 146167-05
R/R# 01-02-169A
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed for Equipment Performance Supervisor Date 12/6/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

Inspector's Signature Commissions NC 1444 NIAB
National Board, State, Province, and Endorsements

Date 1-15-02

(12/82)

WO# 146167-06
R/R# 01-02-169
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 12/19/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 146167-06 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System CS - Chemical Volume Control
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Rod (LDHX)	T&T Enterprises	NA	N/A	PO# 43604 HT# 19639	Unknown	Replacement	Yes
Rod	NOVA	NA	NA	PO# 24680 HT# 1100	Unknown	Replacement	Yes
Nut	NOVA	NA	NA	PO# 1045309 HT# 8990206	Unknown	Replacement	Yes
Nut	Texas Bolt	NA	NA	PO# 669541 HT# 852348	Unknown	Replacement	Yes

7. Description of Work: Replaced studs (rod) on LDHX, and inlet & outlet bolting (rod/nuts).
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 146167-06
R/R# 01-02-169
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 12/19/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature]
Inspector's Signature

Commissions NC 1444 NIAB
National Board, State, Province, and Endorsements

Date 1-15-02

(12/82)

WO# 181594-03
R/R# 01-02-176
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/13/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 181594-03 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System SI - Safety Injection
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Filler Metal	Sandvik, Inc	NA	NA	PO# H43711 HT# 465272	Unknown	Repaired	No
Filler Metal	Weldstar	NA	NA	PO# 1039981 HT# 83033	Unknown	Repaired	No

7. Description of Work: Removed and rewelded 3/4" elbow on line 2SI.750-312SA-1.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 181594-03
R/R# 01-02-176
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks _____
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/13/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-14-01

(12/82)

WO# 202986-03
R/R# 01-02-186
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 02/04/02
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 202986-03 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System MS - Main Steam
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Snubber	Paul-Munroe	PD-14233-323	N/A	PN# 726-599-72	Unknown	Replaced	No
Snubber	Paul-Munroe	PD-14233-311	N/A	216901	Unknown	Replacement	No

7. Description of Work: Replaced hydraulic snubber on hanger SG-H-323A.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 202986-03
R/R# 01-02-186
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after snubber replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 2/4/02
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 3/11/02

(12/82)

0 3 7 4 3 9 3 9 3 8

(10)

PAUL-MUNROE HYDRAULICS INC

1701 West Sequoia Avenue Orange California 92668
(714) 633-9600 Telex 69-2387 Ans Back PAULMUNRO ORGE

Engineered Products Group
Nuclear / Marine / Process

July 22, 1977

Mr. Rick L. Farrell, Jr.
Westinghouse Electric Corporation
Monroeville, Nuclear Center
Northern Pike
Monroeville, Pennsylvania 15146

Subject: Hydraulic Shock Struts (Snubbers)
Multiplant I - 1300 Kip
W.E.C. P.O. 546-CSN-216901-BP

Spin No. CRL-RCESHS
Shearon Harris Unit #2
PMH Job No. 137410N

With reference to the subject purchase order, we hereby certify that all items furnished in satisfaction of the purchase order have been manufactured in accordance with and meet the requirements of the applicable specifications and codes, and that proper quality assurance documentation has been obtained and submitted. We also certify that those dimensions shown on PD-14233, Rev. G, which show specific tolerances have been inspected and are within the tolerance ranges shwon.

PAUL-MUNROE HYDRAULICS, INC.
Nuclear Products Division

Douglas S. Stevens
Operations Manager

DSS/ajm

WO# 88131-04
R/R# 01-02-166
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/28/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88131-04 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System MS - Main Steam
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Coloc Nut	Coloc Industries	NA	NA	PO# 7D6297 PN# 738-912-10	Unknown	Replacement	No

7. Description of Work: Replaced coloc nut on hanger MS-H-67.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88131-04
R/R# 01-02-166
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-3 performed on hanger after coloc nut replacement.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/28/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-30-01

(12/82)

WO# 88450
R/R# 01-02-130
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 12/19/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88450 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System FW - Feedwater
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Cap	Consolidated Power	N/A	N/A	PO# 28172 HT# LTTH-1	Unknown	Replacement	Yes
Flange	Consolidated Power	N/A	N/A	PO# 28410 HT# C5567	Unknown	Replacement	Yes
Filler Metal	Techalloy Md, Inc.	N/A	N/A	PO# H57610 HT# B12995	Unknown	Replacement	No
Filler Metal	Weldstar	N/A	N/A	PO# 1032991 HT# 120576	Unknown	Replacement	No
Filler Metal	Weldstar	N/A	N/A	PO# 31323 HT# 286052	Unknown	Replacement	No

7. Description of Work: Cut and capped FW Tempering line.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☒
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88450
R/R# 01-02-130
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks Performed VT-2 per requirements of Code Case N-416-1.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 12/19/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-16-02

(12/82)

WO# 88450-02
R/R# 01-02-181
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/27/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88450-02 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System FW - Feedwater
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Hanger	NA	NA	N/A	FW-H-239-242	Unknown	Replacement	No
Hanger	NA	NA	NA	FW-H-263-267	Unknown	Replacement	No
Hanger	NA	NA	NA	FW-H-289-292	Unknown	Replacement	No
Hanger	NA	NA	NA	FW-H-307	Unknown	Replacement	No
Hanger	NA	NA	NA	FW-H-571	Unknown	Replacement	No
Hanger	NA	NA	NA	FW-H-573	Unknown	Replacement	No
Hanger	NA	NA	NA	FW-H-581	Unknown	Replacement	No
Hanger	NA	NA	NA	FW-H-582	Unknown	Replacement	No
Hanger	NA	NA	NA	FW-H-720	Unknown	Replacement	No
Hanger	NA	NA	NA	FW-H-721	Unknown	Replacement	No
Hanger	NA	NA	NA	FW-H-723	Unknown	Replacement	No

7. Description of Work: Per ESR 98-00537, the following FW hangers were deleted; FW-H-239-242, 263-267, 289-292, 307, 571, 573, 581, 582, 720, 721, and 723.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88450-02
R/R# 01-02-181
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed Owner or Owner's Designee, Title Equipment Performance Supervisor Date 11/27/01

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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

Inspector's Signature Commissions NC 1444 NIAB
National Board, State, Province, and Endorsements

Date 11-30-01

(12/82)

WO# 88454-07
R/R# 01-02-187
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 03/06/02
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88454-07 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System AF - Auxiliary Feedwater
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Cap Screws	Mackson, Inc.	NA	N/A	PN# 728-895-79 PO# 7D7710	Unknown	Replacement	No

7. Description of Work: Replaced cap screws on valve 1AF-87.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88454-07
R/R# 01-02-187
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks

Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 3/6/02
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 3/11/02

(12/82)

WO# 88454-08
R/R# 01-02-181
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 01/15/02
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88454-08 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System AF - Auxiliary Feedwater
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Valve	Anchor/Darling Valve Co.	E-9074-21-2	178	1AF-106	Unknown	Replacement	Yes

7. Description of Work: Removed 1AF-65, retagged as 1AF-106, and installed in system.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☒
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88454-08
R/R# 01-02-181
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks Removed valve 1AF-65 from system. Valve 1AF-65 retagged as 1AF-106, and installed back into AF system.

Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

repair or replacement

Type Code System Stamp N/A

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

Signed Owner or Owner's Designee, Title Equipment Performance Supervisor Date 1/15/02

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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

Inspector's Signature Commissions NC 1444 NIAB

National Board, State, Province, and Endorsements

Date 1-17-02

(12/82)

WO# 88454-10
R/R# 01-02-134
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 01/15/02
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88454-10 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System AF - Auxiliary Feedwater
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Valve	Anchor/Darling Valve Co.	E-9074-21-3	179	1AF-68	Unknown	Replacement	Yes

7. Description of Work: Removed 1AF-84, retagged as 1AF-65, and installed in system.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☒
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88454-10
R/R# 01-02-134
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks Removed valve 1AF-84 from system. Valve 1AF-84 retagged as 1AF-68, and installed back into AF system.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 1/15/02
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-17-02

(12/82)

WO# 88492-05
R/R# 01-02-184
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 03/06/02
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88492-05 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System FW - Feedwater
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Stud #5	Crucible Service Centers	UA36B26	N/A	PN# 761-800-41	Unknown	Replacement	No

7. Description of Work: Replaced one stud on SG "A" secondary manway bolt hole #5.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88492-05
R/R# 01-02-184
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks Preservice VT-1 performed on replacement stud.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 3/6/02
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 3/11/02

(12/82)

WO# 88492-07
R/R# 01-02-185
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 03/06/02
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88492-07 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System FW - Feedwater
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter '76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Stud #8	Crucible Service Centers	UA36A39	N/A	PN# 761-800-41	Unknown	Replacement	No
Stud #14	Crucible Service Centers	UA36A17	N/A	PN# 761-800-41	Unknown	Replacement	No
Stud #15	Crucible Service Centers	UA36A61	N/A	PN# 761-800-41	Unknown	Replacement	No

7. Description of Work: Replaced three studs on SG "C" secondary manway bolt hole #8, #14 and #15..
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88492-07
R/R# 01-02-185
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks Preservice VT-1 performed on replacement studs.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 3/6/02
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 3/11/02

(12/82)

WO# 88589
R/R# 01-02-129
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 12/05/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 88589 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System SI - Safety Injection
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Flow Orifice	Slater Steels Corp.	NA	N/A	PO# 22869 HT# 56539	Unknown	Replacement	Yes
Coupling	Consolidated Power Supply	NA	NA	PO# 21977 HT# JLJ/JKH/JLS	Unknown	Replacement	Yes
Filler Metal	Sandvik, Inc	NA	NA	PO# H-43711 HT# 465272	Unknown	Replacement	No
Filler Metal	Weldstar	NA	NA	PO# 1039981 HT# 83033	Unknown	Replacement	No

7. Description of Work: Installed 12 flow orifices on 2 in. Safety Injection line (WO Tasks 01 - 12).
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☒
   Other ☐ Pressure _____psi Test Temp. _____ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 88589
R/R# 01-02-129
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks VT-2 performed per Code Case N-416-1.
Applicable Manufacturer's Data Reports to be attached.

N1 - See N-5 Data Report for Code Cases

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 12/5/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 05/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC 1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 1-16-02

(12/82)

WO# 90403-01
R/R# 01-02-133A
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/13/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 90403-01 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System SW - Service Water
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Coloc Nut	Coloc Industries	NA	NA	PN# 732-862-88 PO# 1027796	Unknown	Replacement	No

7. Description of Work: Replaced coloc nut on hangers SW-H-2007 & 2008.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure N/A psi Test Temp. N/A ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 90403-01
R/R# 01-02-133A
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks Configuration verification performed after coloc nut replacement.
Applicable Manufacturer's Data Reports to be attached.

N1- See N-5 Data Report for Code Cases.

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/13/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-14-01

(12/82)

WO# 90403-02
R/R# 01-02-133B
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/13/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 90403-02 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System SW - Service Water
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Coloc Nut	Coloc Industries	NA	NA	PN# 732-862-96 PO# 8N9756	Unknown	Replacement	No

7. Description of Work: Replaced coloc nut on hangers SW-H-2055 & 2056.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 90403-02
R/R# 01-02-133B
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks Configuration verification performed after coloc nut replacement.
Applicable Manufacturer's Data Reports to be attached.

N1- See N-5 Data Report for Code Cases.

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/13/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC1444 NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-14-01

(12/82)

WO# 90403-03
R/R# 01-02-133C
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/13/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 90403-03 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System SW - Service Water
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Coloc Nut	Coloc Industries	NA	NA	PN# 732-862-62 PO# 31809	Unknown	Replacement	No

7. Description of Work: Replaced coloc nut on hangers SW-H-2080, 2081 & 151.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure N/A psi Test Temp. N/A °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 90403-03
R/R# 01-02-133C
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks Configuration verification performed after coloc nut replacement.
Applicable Manufacturer's Data Reports to be attached.

N1- See N-5 Data Report for Code Cases.

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/13/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC1444 N/AB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-14-01

(12/82)

WO# 90403-04
R/R# 01-02-133D
ASME XI, CLASS 2

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner Carolina Power & Light Company — Date 11/13/01
   P.O. Box 1551, Raleigh, N.C. 27602-1551 (Address) — Sheet 1 of 2
2. Plant Shearon Harris Nuclear Power Plant (Name) — Unit 1
   P.O. Box 165, New Hill, N.C. 27562-0165 (Address) — WO# 90403-04 (Repair Organization P.O. No., Job No., etc.)
3. Work Performed By Carolina Power & Light Company (Name) — Type Code Symbol Stamp N/A
   Authorization No. N/A
4. Identification of System SW - Service Water
5. (a) Applicable Construction Code ASME Section III 1974 Edition, Winter `76 Addenda, See N1 Code Case
   (b) Applicable Edition of Section XI Utilized for Repairs or Replacement 1989, Addenda N/A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacture	Manufacture Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, Or Replacement	ASME Code Stamped (Yes or No)
Coloc Nut	Coloc Industries	NA	NA	PN# 732-862-96 PO# 8N9756	Unknown	Replacement	No

7. Description of Work: Replaced coloc nut on hangers SW-H-1930 & 1975.
8. Tests Conducted: Hyrostatic ☐ Pneumatic ☐ Nominal Operation Pressure ☐
   Other ☐ Pressure N/A psi Test Temp. N/A ºF

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet in numbered and the number of sheet is recorded at the top of this form.

WO# 90403-04
R/R# 01-02-133D
ASME XI, CLASS 2

FORM NIS-2 (Back)

9. Remarks Configuration verification performed after coloc nut replacement.
Applicable Manufacturer's Data Reports to be attached.

N1- See N-5 Data Report for Code Cases.

CERTICATION OF COMPLIANCE

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

Type Code System Stamp N/A

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

Signed [signature] for Equipment Performance Supervisor Date 11/13/01
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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford, Connecticut 06102 have inspected the components described in this Owner's Report during the period of 5/13/00 to 12/14/01, 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 certification 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 and kind arising from or connected with this inspection.

[signature] Commissions NC1444NIAB
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-14-01

(12/82)