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REV. NO.: 0

1.	Owner	<u>Exelon Nuclear</u>	Date	<u>09/18/09</u>
		Name		
		<u>4300 Winfield Road, Warrenville, IL</u>	Sheet	<u>1</u> of <u>1</u>
		Address		
2.	Plant	<u>Byron Nuclear Power Station</u>	Unit	<u>01</u>
		Name		
		<u>4450 N. German Church Road, Byron, IL</u>	Work Order No.	<u>00634687-01</u>
		Address		Repair Organization, P.O. No., Job No., etc.
3.	Work Performed by	<u>Shaw/Stone & Webster</u>	Type Code Symbol Stamp	<u>Not Applicable</u>
		Name	Authorization No.	<u>Not Applicable</u>
		<u>36400 S. Essex Road, Wilmington, IL 60481</u>	Expiration Date	<u>Not Applicable</u>
		Address		
4.	Identification of System	<u>MS (MAIN STEAM)</u>		
5.	(a) Applicable Construction Code	<u>ASME Section III 1974 Edition, na Addenda,</u>		<u>Code Case</u>
	(b) Applicable Edition of Section XI Used for Repair/Replacement Activity	<u>2001</u>		<u>2003</u> Addenda
	(c) Section XI Code Case(s)	<u>NONE</u>		
6.	Identification of Components			

[illegible]

7. Description of Work **REPLACE RELIEF VALVE**

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 1082 psi Test Temp. 556 °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.

FORM NIS-2 (Back)

9. Remarks 00634687-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Signed David G. Silber, RRR COORDINATOR
Owner or Owner's Designee, Title

Date 12-3, 20 08

19
DAS 12/14/09

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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 02.20.09 to 12.14.09, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

IL 7144
National Board, State Province, and Endorsements

Date: DECEMBER 14, 20 08 09

REV. NO.: 0

1.	Owner	<u>Exelon Nuclear</u>	Date	<u>09/16/09</u>
		<u>Name</u>		
		<u>4300 Winfield Road, Warrenville, IL</u>	Sheet	<u>1</u> of <u>1</u>
		<u>Address</u>		
2.	Plant	<u>Byron Nuclear Power Station</u>	Unit	<u>01</u>
		<u>Name</u>		
		<u>4450 N. German Church Road, Byron, IL</u>	Work Order No. 00634694-01	
		<u>Address</u>	<u>Repair Organization, P.O. No., Job No., etc.</u>	
3.	Work Performed by	<u>Shaw/Stone & Webster</u>	Type Code Symbol Stamp	<u>Not Applicable</u>
		<u>Name</u>	Authorization No.	<u>Not Applicable</u>
		<u>36400 S. Essex Road, Wilmington, IL 60481</u>	Expiration Date	<u>Not Applicable</u>
		<u>Address</u>		
4.	Identification of System	<u>MS (MAIN STEAM)</u>		
5.	(a) Applicable Construction Code	<u>ASME Section III 1974 Edition, na Addenda,</u>	<u>Code Case</u>	
	(b) Applicable Edition of Section XI Used for Repair/Replacement Activity	<u>2001</u>	<u>2003</u>	<u>Addenda</u>
	(c) Section XI Code Case(s)	<u>NONE</u>		
6.	Identification of Components			

[illegible]

7. Description of Work REPLACE RELIEF VALVE

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 1079 psi Test Temp. 557 °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.

FORM NIS-2 (Back)

9. Remarks 00634694-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Signed David C. Sidhu, RRR COORDINATOR Date 12-3, 20 09
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 02.20.09 to 12.14.09, 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 IL 2144
Inspector's Signature National Board, State Province, and Endorsements
Date: DECEMBER 14, 20 09

(Final)

REV. NO.: 0

1. Owner	<u>Exelon Nuclear</u>	Date	<u>9-20-09</u>
	Name	Sheet	<u>1</u> of <u>1</u>
	<u>4300 Winfield Road, Warrenville, IL</u>		
	Address	Unit	<u>01</u>
2. Plant	<u>Byron Nuclear Power Station</u>		
	Name		
	<u>4450 N. German Church Road, Byron, IL</u>	Work Order No.	<u>00771881-01</u>
	Address		Repair Organization, P.O. No., Job No., etc.
3. Work Performed by	<u>Shaw/Stone & Webster</u>	Type Code Symbol Stamp	<u>Not Applicable</u>
	Name	Authorization No.	<u>Not Applicable</u>
	<u>36400 S. Essex Road, Wilmington, IL 60481</u>	Expiration Date	<u>Not Applicable</u>
	Address		
4. Identification of System	<u>RC / REACTOR COOLANT</u>		
5. (a)	Applicable Construction Code	<u>ASME Section III</u>	<u>19 74</u> Edition, <u>S74</u> Addenda, <u>1644 Rev. 7,</u>
	<u>1651, 1682, 1683, 1685, 1686, 1728, 1729, 1734, N-108, N-180</u>		<u>Code Case</u>
	(b) Applicable Edition of Section XI Used for Repair/Replacement Activity	<u>2001</u>	Edition / <u>2003</u> Addenda
	(c) Section XI Code Case(s)	<u>NONE</u>	
6. Identification of Components			

[illegible]

7.	Description of Work	REPLACED EXISTING PSA SNUBBER WITH A LISEGA SNUBBER
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8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
VT-3 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.

FORM NIS-2 (Back)

9. Remarks WO#00771881-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp

Not Applicable

Certificate of Authorization No.

Not Applicable

Signed

[Signature]

PRCord

Date 11-30, 20 09

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 2/9/09 to 10/1/09, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

12L-1254
National Board, State Province, and Endorsements

Date: Dec. 1, 20 09

(Final)

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

- | | | | | |
|----|------------------------------|--|---|-----------------------|
| 1. | Owner | <u>Exelon Nuclear</u> | Date | <u>9-16-09</u> |
| | | Name | | |
| | | <u>4300 Winfield Road, Warrenville, IL</u> | Sheet | <u>1</u> of <u>1</u> |
| | | Address | | |
| 2. | Plant | <u>Byron Nuclear Power Station</u> | Unit | <u>01</u> |
| | | Name | | |
| | | <u>4450 N. German Church Road, Byron, IL</u> | <u>Work Order No. 00771882-01</u> | |
| | | Address | <u>Repair Organization, P.O. No., Job No., etc.</u> | |
| 3. | Work Performed by | <u>SHAW</u> | Type Code Symbol Stamp | <u>Not Applicable</u> |
| | | Name | Authorization No. | <u>Not Applicable</u> |
| | | <u>36400 S. Essex Road, Wilmington, IL 60481</u> | Expiration Date | <u>Not Applicable</u> |
| | | Address | | |
| 4. | Identification of System | <u>CV / CHEMICAL VOLUME CONTROL</u> | | |
| 5. | (a) | Applicable Construction Code <u>ASME Section III</u> <u>1974</u> Edition, <u>S74</u> Addenda, <u>1644 Rev. 7,</u>
<u>1651, 1682, 1683, 1685, 1686, 1728, 1729, 1734, N-108, N-180</u> Code Case | | |
| | (b) | Applicable Edition of Section XI Used for Repair/Replacement Activity <u>2001</u> Edition / <u>2003</u> Addenda | | |
| | (c) | Section XI Code Case(s) <u>NONE</u> | | |
| 6. | Identification of Components | | | |

[illegible]

- | | | | | | | |
|----|---------------------|---|------------------------------------|---|---------------------------------|---|
| 7. | Description of Work | | | | | REPLACED EXISTING PSA SNUBBER WITH A LISEGA SNUBBER |
| 8. | Test Conducted: | Hydrostatic <input type="checkbox"/> | Pneumatic <input type="checkbox"/> | Nominal Operating Pressure <input type="checkbox"/> | Exempt <input type="checkbox"/> | |
| | VT-3 | Other <input checked="" type="checkbox"/> | 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.

FORM NIS-2 (Back)

9. Remarks 00771882-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Signed *Art Espinoza* PR Cond. Date 11-30, 20 09

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/6/09 to 12/1/09, 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. Neither the Inspector nor his employer shall be liable in any manner for any personal injury, property damage or a loss of any kind arising from or connected with this inspection.

Art Espinoza Commissions 166-1254
Inspector's Signature National Board, State Province, and Endorsements

11/30, 20 09

(Final)

DOCUMENT NO.: 5.2

REV. NO.: 0

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

1. Owner Exelon Nuclear Date 9-19-09
4300 Winfield Road, Warrenville, IL Sheet 1 of 1
Address
2. Plant Byron Nuclear Power Station Unit 01
4450 N. German Church Road, Byron, IL **Work Order No. 00771883-01**
Address Repair Organization, P.O. No., Job No., etc.
3. Work Performed by Shaw/Stone & Webster Type Code Symbol Stamp Not Applicable
36400 S. Essex Road, Wilmington, IL 60481 Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System RC / REACTOR COOLANT
5. (a) Applicable Construction Code ASME Section III 1974 Edition, S74 Addenda, 1644 Rev. 7,
1651, 1682, 1683, 1685, 1686, 1728, 1729, 1734, N-108, N-180 Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition / 2003 Addenda
 (c) Section XI Code Case(s) NONE
6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber, PSA – (1/4)	Pacific Scientific	S/N 7692	N/A	1RC17003S	1980	Removed	YES
Snubber, Lisega (301856 RF1)	LISEGA	S/N: 30800393/019	N/A	1RC17003S (CAT ID#1396543)	2008	Installed	NO

7. Description of Work
- REPLACED SNUBBER

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
 VT-3 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.

FORM NIS-2 (Back)

9. Remarks WO#00771883-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Signed *Don H. Lippert* P.R. Card. Date 11-29, 20 09

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 2/9/09 to 12/1/09, 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.

Don H. Lippert
Inspector's Signature

Commissions 111-1254
National Board, State Province, and Endorsements

Date: December 1, 20 09

(Final)

Document No.: 4-1

Rev. No.: 0

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI

1. Owner Exelon Nuclear Date 9/25/09
 Name
 4300 Winfield Road, Warrenville, IL
 Address
 4300 Winfield Road, Warrenville, IL
 Address
2. Plant Byron Nuclear Power Station Unit 1
 Name
 4450 N. German Church Road, Byron, IL
 Address
 4450 N. German Church Road, Byron, IL
 Address
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable
 Name
 4450 N. German Church Road, Byron, IL
 Address
 4450 N. German Church Road, Byron, IL
 Address
4. Identification of System VQ – Primary Containment Purge
5. (a) Applicable Construction Code ASME Section III 1971 Edition, W73 Addenda, 1682 Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Edition/2003 Addenda
 (c) Section XI Code Case(s) None
6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Equalization Valve	Jamesbury	S/N: NC-17016-02-G	N/A	EPN: 1VQ5000A	1975	Removed	Yes
Equalization Device	Trentec	S/N: EQ-2-7M021-8	N/A	EPN: 1VQ5000A Cat/Id 1420998-1	2008	Installed	Yes

7. Description of Work Replace Equalization valve with new Equalization Device per EC 0000360245.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Exempt ☐
 Other ☐ Pressure 45.01 psi Test Temp. Ambient °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.

FORM NIS-2 (Back)

9. Remarks 00914559-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Signed *Auth. Expert* Date 12-15, 20 09
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period

8/14/09 to 12/16/09, 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.

J. J. Smith Commissions 166-1254
Inspector's Signature National Board, State Province, and Endorsements

Date: Dec. 16, 20 09

Document No.: 4-1

Rev. No.: 0

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI

1. Owner Exelon Nuclear Date 10/2/09
Name
4300 Winfield Road, Warrenville, IL
Address
Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 1
Name
4450 N. German Church Road, Byron, IL
Address
Work Order No. 00914559-03
Repair Organization, P.O. No., Job No., etc.
3. Work Performed by Byron Mechanical Maintenance Type Code Symbol Stamp Not Applicable
Name
4450 N. German Church Road, Byron, IL Authorization No. Not Applicable
Address Expiration Date Not Applicable
4. Identification of System VQ - Primary Containment Purge
5. (a) Applicable Construction Code ASME Section III 1971 Edition, W73 Addenda, 1682 Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 2001 Edition/2003 Addenda
(c) Section XI Code Case(s) None
6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Equalization Valve	Jamesbury	S/N: NC-17016-02-A	N/A	EPN: 1VQ5000B	1975	Removed	Yes
Equalization Device	Trentec	S/N: EQ-2-7M021-1	N/A	EPN: 1VQ5000B Cat/Id 1420998-1	2008	Installed	Yes

7. Description of Work Replace Equalization valve with new Equalization Device per EC 0000360245.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Exempt ☐
Other ☐ Pressure 45.01 psi Test Temp. Ambient °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.

FORM NIS-2 (Back)

9. Remarks 00914559-03

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp

Not Applicable

Certificate of Authorization No.

Not Applicable

Signed

[Signature]
Owner or Owner's Designee, Title

RR Cond

Date 12-15, 20 09

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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 8/14/09 to 12/16/09, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions

166-1254

National Board, State Province, and Endorsements

Date: Dec. 16, 20 09

Rev. No.: 0

1.	Owner	<u>Exelon Nuclear</u>	Date	<u>10/2/09</u>
		Name		
		<u>4300 Winfield Road, Warrenville, IL</u>	Sheet	<u>1</u> of <u>1</u>
		Address		
2.	Plant	<u>Byron Nuclear Power Station</u>	Unit	<u>1</u>
		Name		
		<u>4450 N. German Church Road, Byron, IL</u>	Work Order No. 00914559-04	
		Address	<u>Repair Organization, P.O. No., Job No., etc.</u>	
3.	Work Performed by	<u>Byron Mechanical Maintenance</u>	Type Code Symbol Stamp	<u>Not Applicable</u>
		Name		
		<u>4450 N. German Church Road, Byron, IL</u>	Authorization No.	<u>Not Applicable</u>
		Address	Expiration Date	<u>Not Applicable</u>
4.	Identification of System	<u>VQ – Primary Containment Purge</u>		
5.	(a) Applicable Construction Code	<u>ASME Section III 19 71 Edition, W73 Addenda, 1682 Code Case</u>		
	(b) Applicable Edition of Section XI Used for Repair/Replacement Activity:	<u>2001 Edition/2003 Addenda</u>		
	(c) Section XI Code Case(s)	<u>None</u>		
6.	Identification of Components			

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Equalization Valve	Jamesbury	S/N: NC-17016-02-T	N/A	EPN: 1VQ5001A	1975	Removed	Yes
Equalization Device	Trentec	S/N: EQ-2-7M021-2	N/A	EPN: 1VQ5001A Cat/Id 1420998-1	2008	Installed	Yes

7. Description of Work Replaced Equalization valve with new Equalization Device per EC 0000360245.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐ Exempt ☐
Other ☐ Pressure 46.8 psi Test Temp. Ambient °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.

FORM NIS-2 (Back)

9. Remarks 00914559-04

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp

Not Applicable

Certificate of Authorization No.

Not Applicable

Signed

Scott Egan Record

Date 12-15, 20 09

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 8/14/09 to 12/15/09, 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.

Scott Egan

Inspector's Signature

Commissions

166-1254

National Board, State Province, and Endorsements

Date: Dec. 15, 20 09

Rev. No.: 0

1.	Owner	<u>Exelon Nuclear</u>	Date	<u>10/2/09</u>
		Name		
		<u>4300 Winfield Road, Warrenville, IL</u>	Sheet	<u>1</u> of <u>1</u>
		Address		
2.	Plant	<u>Byron Nuclear Power Station</u>	Unit	<u>1</u>
		Name		
		<u>4450 N. German Church Road, Byron, IL</u>	Work Order No.	<u>00914559-05</u>
		Address		Repair Organization, P.O. No., Job No., etc.
3.	Work Performed by	<u>Byron Mechanical Maintenance</u>	Type Code Symbol Stamp	<u>Not Applicable</u>
		Name		
		<u>4450 N. German Church Road, Byron, IL</u>	Authorization No.	<u>Not Applicable</u>
		Address	Expiration Date	<u>Not Applicable</u>
4.	Identification of System	<u>VQ - Primary Containment Purge</u>		
5.	(a) Applicable Construction Code	<u>ASME Section III 1971 Edition, W73 Addenda, 1682 Code Case</u>		
	(b) Applicable Edition of Section XI Used for Repair/Replacement Activity:	<u>2001 Edition/2003 Addenda</u>		
	(c) Section XI Code Case(s)	<u>None</u>		
6.	Identification of Components			

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Equalization Valve	Jamesbury	S/N: NC-17018-02-R	N/A	EPN: 1VQ5001B	1975	Removed	Yes
Equalization Device	Trentec	S/N: EQ-2-7M021-7	N/A	EPN: 1VQ5001B Cat/Id 1420998-1	2008	Installed	Yes

7.	Description of Work	Replace Equalization valve with new Equalization Device per EC 0000360245.
----	---------------------	--

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
Other ☐ Pressure 46.8 psi Test Temp. Ambient °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.

FORM NIS-2 (Back)

9. Remarks 00914559-05

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Signed *Scott Caputo* Date 12-15, 20 09

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 8/14/09 to 12/16/09, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

Inspector's Signature
Inspector's Signature

Commissions 166-1254
National Board, State Province, and Endorsements

Date: Dec. 16, 20 09

REV. NO.: 0

As Required by the Provisions of the ASME Code Section XI

- [illegible]

- 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.

FORM NIS-2 (Back)

9. Remarks WO#00984177-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Signed [Signature] Date 12-1, 20 09

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 2/12/09 to 12/1/09, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions 116-1254
National Board, State Province, and Endorsements

Date: December 1, 20 09

(Final)

DOCUMENT NO.: 5.2

REV. NO.: 0

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

1. Owner Exelon Nuclear Date 9-19-09
 Name
 4300 Winfield Road, Warrenville, IL
 Address
 Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 01
 Name
 4450 N. German Church Road, Byron, IL
 Address
 Work Order No. 00984181-01
 Repair Organization, P.O. No., Job No., etc.
3. Work Performed by Shaw/Stone & Webster Type Code Symbol Stamp Not Applicable
 Name
 36400 S. Essex Road, Wilmington, IL 60481
 Address
 Authorization No. Not Applicable
 Expiration Date Not Applicable
4. Identification of System RC / REACTOR COOLANT
5. (a) Applicable Construction Code ASME Section III 19 74 Edition, S74 Addenda, 1644 Rev. 7,
 1651, 1682, 1683, 1685, 1686, 1728, 1729, 1734, N-108, N-180 Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition / 2003 Addenda
 (c) Section XI Code Case(s) NONE
6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
Snubber, PSA – (1/4)	Pacific Scientific	S/N 29021	N/A	1RC19023S	1980	Removed	YES
Snubber, Lisege (301865 RF1)	LISEGA	UTC# 2835482 S/N 30800150/040	N/A	1RC19023S (CAT ID#1396543)	2008	Installed	NO

7. Description of Work REPLACED SNUBBER
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐
 VT-3 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.

FORM NIS-2 (Back)

9. Remarks WO#00984181-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Signed [Signature] Date 11-28, 20 09

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 2/9/09 to 12/1/09, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

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

[Signature]
Inspector's Signature

Commissions 116-1254
National Board, State Province, and Endorsements

Date: December 1, 20 09

(Final)

REV. NO.: 0

1. Owner	<u>Exelon Nuclear</u>	Date	<u>09/18/09</u>
	Name	Sheet	<u>1</u> of <u>1</u>
	<u>4300 Winfield Road, Warrenville, IL</u>		
	Address	Unit	<u>01</u>
2. Plant	<u>Byron Nuclear Power Station</u>		
	Name		
	<u>4450 N. German Church Road, Byron, IL</u>		
	Address		
3. Work Performed by	<u>Shaw/Stone & Webster</u>	Work Order No.	<u>01100841-01</u>
	Name		<u>Repair Organization, P.O. No., Job No., etc.</u>
	<u>36400 S. Essex Road, Wilmington, IL 60481</u>	Type Code Symbol Stamp	<u>Not Applicable</u>
	Address	Authorization No.	<u>Not Applicable</u>
		Expiration Date	<u>Not Applicable</u>
4. Identification of System	<u>MS (MAIN STEAM)</u>		
5. (a) Applicable Construction Code	<u>ASME Section III</u>	<u>19 74</u> Edition,	<u>na</u> Addenda, <u> </u> Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity	<u>2001</u>	Edition /	<u>2003</u> Addenda
(c) Section XI Code Case(s)	<u>NONE</u>		
6. Identification of Components			

[illegible]

7. Description of Work **REPLACE RELIEF VALVE**

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 1082 psi Test Temp. 556 °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 report.

FORM NIS-2 (Back)

9. Remarks 01100641-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Signed David A. Silva, RRR COORDINATOR Date 12-3, 20 09

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 02.20.09 to 12.10.09, 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 IC-2144
Inspector's Signature National Board, State Province, and Endorsements

Date: DECEMBER 10, 20 09

(Final)

REV. NO.: 0

1.	Owner <u>Exelon Nuclear</u> Name <u>4300 Winfield Road, Warrenville, IL</u> Address	Date <u>9-26-09</u>
2.	Plant <u>Byron Nuclear Power Station</u> Name <u>4450 N. German Church Road, Byron, IL</u> Address	Sheet <u>1</u> of <u>1</u> Unit <u>01</u> <u>Work Order No. 01119588-05</u> Repair Organization, P.O. No., Job No., etc.
3.	Work Performed by <u>Shaw/Stone & Webster</u> Name <u>36400 S. Essex Road, Wilmington, IL 60481</u> Address	Type Code Symbol Stamp <u>Not Applicable</u> Authorization No. <u>Not Applicable</u> Expiration Date <u>Not Applicable</u>
4.	Identification of System <u>(VP) PRIMARY CONTAINMENT VENTILATION</u>	
5.	(a) Applicable Construction Code <u>ASME Section III 19 74 Edition, S76 Addenda, 1695-1</u> Code Case (b) Applicable Edition of Section XI Used for Repair/Replacement Activity <u>2001</u> Edition / <u>2003</u> Addenda (c) Section XI Code Case(s) <u>NONE</u>	
6.	Identification of Components	

[illegible]

7. Description of Work **BASE METAL REPAIRS**

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 104 psi Test Temp. 68 °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.

FORM NIS-2 (Back)

9. Remarks WO# 01119588-05

Applicable Manufacturer's Data Reports to be attached

① Serial numbers for each cooler head were identified in Work Order 01119588-13, doc # 4.

② Serial numbers for each cooler head were identified in Work Order 01119588-01, doc # 4.

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp

Not Applicable

Certificate of Authorization No.

Not Applicable

Signed

Scott Egan
Owner or Owner's Designee, Title

RR Coords

Date 12-15, 20 09

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 Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 9/19/09 to 12/17/09, 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.

John J. ...
Inspector's Signature

Commissions

166-1254

National Board, State Province, and Endorsements

Date: Dec. 17, 20 09

(Final)

DOCUMENT NO.: 3.1

REV. NO.: 0

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI

1. Owner Exelon Nuclear Date 9-26-09
 4300 Winfield Road, Warrenville, IL
 Name Address
 4300 Winfield Road, Warrenville, IL
 Address
2. Plant Byron Nuclear Power Station Unit 01
 4450 N. German Church Road, Byron, IL
 Name Address
 4450 N. German Church Road, Byron, IL
 Address
3. Work Performed by Shaw/Stone & Webster Type Code Symbol Stamp Not Applicable
 36400 S. Essex Road, Wilmington, IL 60481
 Name Address
 36400 S. Essex Road, Wilmington, IL 60481
 Address
4. Identification of System PRIMARY CONTAINMENT VENTILATION (VP)
5. (a) Applicable Construction Code ASME Section III 1974 Edition, S76 Addenda, 1695-1 Code Case
 (b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition / 2003 Addenda
 (c) Section XI Code Case(s) NONE
6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
HEAD BOLT, 1/2" x 4 1/2", SA449	CARRIER	7864594-2	N/A	1VP01AB, SX-RH-1 Bolt# 66	1978	Removed	NO
Screw, Hex, 1/2" x 4 1/2", SA193/B7	Nova Machine Products	Lot # 50149187 HT# RT7506880	N/A	1VP01AB, SX-RH-1 Bolt# 66 CID# 1396320-1	2008	Installed	NO

7. Description of Work INSTALLED NEW WATERBOX HEAD BOLTING
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
 Other ☐ Pressure 104 psi Test Temp. 68 °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 indicated.

FORM NIS-2 (Back)

9. Remarks WO# 01119588-13

Applicable Manufacturer's Data Reports to be attached
Serial Number verified on WO# 1119588-13, Doc# 4

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Signed *Arthur Laporte* *RR Laporte* Date 12-15, 20 09
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 3/13/09 to 12/17/09, 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.

J. Laporte Commissions 166-1254
Inspector's Signature National Board, State Province, and Endorsements

Date: Dec. 17, 20 09

(Final)

DOCUMENT NO.: 3.2

REV. NO.: 0

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI

1. Owner Exelon Nuclear Date 09/24/09
Name
4300 Winfield Road, Warrenville, IL
Address
Sheet 1 of 1
2. Plant Byron Nuclear Power Station Unit 01
Name
4450 N. German Church Road, Byron, IL
Address
Work Order No. 1119844-01
Repair Organization, P.O. No., Job No., etc.
3. Work Performed by Shaw/Stone & Webster Type Code Symbol Stamp Not Applicable
Name
36400 S. Essex Road, Wilmington, IL 60481
Address
Authorization No. Not Applicable
Expiration Date Not Applicable
4. Identification of System CC (COMPONENT COOLING)
5. (a) Applicable Construction Code ASME Section III 1971 Edition, W72 Addenda Code Case
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity 2001 Edition / 2003 Addenda
(c) Section XI Code Case(s) NONE
6. Identification of Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamped (Yes or No)
VALVE, RELIEF	CROSBY VALVE & GAGE	N57027-00-0017	N/A	1CC9428B	1992	REMOVED	YES
VALVE, RELIEF	CROSBY VALVE & GAGE	N57027-00-0023	N/A	CAT ID 27072-1	2009	INSTALLED	YES

7. Description of Work INSTALL RELIEF VALVE 1CC9428B
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐
Other ☐ Pressure 130 psi Test Temp. 80 °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.

FORM NIS-2 (Back)

9. Remarks 1119844-01

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp Not Applicable

Certificate of Authorization No. Not Applicable

Signed David G. Silver, RRR COORDINATOR Date 12-4, 20 09
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period 01.19.09 to 12.09.09, 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 16,2144
Inspector's Signature National Board, State Province, and Endorsements

Date: December 9, 20 09

(Final)

REV. NO.: 0

FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY
As Required by the Provisions of the ASME Code Section XI

- | | | | | |
|----|---|---|------------------------|--|
| 1. | Owner | <u>Exelon Nuclear</u> | Date | <u>09/25/09</u> |
| | | Name | | |
| | | <u>4300 Winfield Road, Warrenville, IL</u> | Sheet | <u>1</u> of <u>1</u> |
| | | Address | | |
| 2. | Plant | <u>Byron Nuclear Power Station</u> | Unit | <u>01</u> |
| | | Name | | |
| | | <u>4450 N. German Church Road, Byron, IL</u> | Work Order No. | <u>01120408-01/02</u> |
| | | Address | | Repair Organization, P.O. No., Job No., etc. |
| 3. | Work Performed by | <u>Shaw/Stone & Webster</u> | Type Code Symbol Stamp | <u>Not Applicable</u> |
| | | Name | Authorization No. | <u>Not Applicable</u> |
| | | <u>36400 S. Essex Road, Wilmington, IL 60481</u> | Expiration Date | <u>Not Applicable</u> |
| | | Address | | |
| 4. | Identification of System | <u>RY – REACTOR COOLANT</u> | | |
| 5. | (a) Applicable Construction Code | <u>ASME Section III 19 71 Edition, W72 Addenda, _____ Code Case</u> | | |
| | (b) Applicable Edition of Section XI Used for Repair/Replacement Activity | <u>2001</u> Edition / <u>2003</u> Addenda | | |
| | (c) Section XI Code Case(s) | <u>NONE</u> | | |
| 6. | Identification of Components | | | |

[illegible]

- | | | | | | | |
|----|--------------------------------|--------------------------------------|------------------------------------|--|---------------------------------|--------|
| 7. | Description of Work | REPLACED RELIEF VALVE PER PM PROGRAM | | | | |
| 8. | Test Conducted: | Hydrostatic <input type="checkbox"/> | Pneumatic <input type="checkbox"/> | Nominal Operating Pressure <input checked="" type="checkbox"/> | Exempt <input type="checkbox"/> | |
| | Other <input type="checkbox"/> | Pressure | 2228 | psi | Test Temp. | 649 °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.

FORM NIS-2 (Back)

9. Remarks 01120408-01/02

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp

Not Applicable

Certificate of Authorization No.

Not Applicable

Signed

David A. Silver, RRR COORDINATOR

Date 12-3, 20 09

Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSB CT of Hartford, CT have inspected the components described in this Owner's Report during the period

03.06.09 to 12.15.09

, and state that to the best of my knowledge and belief,

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

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

Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]
Inspector's Signature

Commissions

IL. 2nd
National Board, State Province, and Endorsements

Date: DECEMBER 15, 20 09

(Final)