Exelon Generation Company, LLC
Byron Station
4450 North German Church Road
Byron, IL 61010-9794

www.exeloncorp.com

Exelon Nuclear

July 11, 2008

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United States Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Byron Station, Unit 1
Facility Operating License No. NPF-37
NRC Docket No. STN50-454

SUBJECT: Byron Station Unit 1 90-Day Inservice Inspection Report for Interval 3, Period 1, Outage 2 (B1R15)

The subject 90-Day Inservice Inspection Report for the Byron Station Unit 1, Refueling Outage Fifteen (B1R15) is being submitted pursuant to the requirements of Article IWA-6000, "Records and Reports" of Section XI, "Rules for Inservice inspection of Nuclear Power Plant Components," of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code 2001 Edition through the 2003 Addenda. The report covers the inservice inspections conducted prior to and during the Unit 1 Spring 2008 refueling outage.

If there are any questions regarding this matter, please contact W. Grundmann, Regulatory Assurance Manager, at (815)-406-2800.

Respectfully,

David M. Hoots
Site Vice President
Byron Generating Station

DMH/RGM/TLH/jeh

Attachment: B1R15 Inservice Inspection Summary Report - Spring 2008 outage

BYRON
UNIT 1

Exelon Nuclear

B1R15

Spring 2008 Outage

INSERVICE INSPECTION SUMMARY REPORT

For Inspection Activities
from
October 16, 2006
to
April 14, 2008

Commercial Service Date
September 16, 1985

Document Completion Date
July 9, 2008

Exelon Generation Company (EGC, LLC)
4300 Winfield Rd
Warrenville, IL 60555

Byron Nuclear Power Station
4450 North German Church Rd.
Byron, IL 61010

BYRON UNIT 1

Exelon Nuclear

B1R15

INSERVICE INSPECTION SUMMARY REPORT

1.0 INTRODUCTION

Inservice inspections of American Society of Mechanical Engineers (ASME) Class 1, 2, 3, CC, and MC components were conducted at Byron Station Unit 1 from October 16, 2006 through April 14, 2008. The majority of these inspections were performed during the fifteenth refueling outage (B1R15) from March 23 through April 14, 2008.

The examinations were performed in compliance with the rules and regulations of ASME Section XI, Division 1, *Rules for Inservice Inspection of Nuclear Power Plant Components*, (applicable edition and addenda), pursuant to the requirements of 10 CFR 50.55a, *Codes and Standards*.

This summary report meets the requirements of ASME Code, IWA-6000 for the inspection of Class 1 and 2 components and piping. Class CC and MC components in the Containment Inservice Inspection (CISI) program are included when examination results require reporting as specified in 10 CFR 50.55a. See 7.0 in this section for a listing of referenced documents.

The Nondestructive Examination (NDE) Inservice Inspection (ISI) Program Plan for Class 1, 2, and 3 components was developed in accordance with the requirements and intent of Section XI Subsections IWA, IWB, IWC, IWD, IWE, IWF and IWL, 2001 Edition, through the 2003 Addenda.

In addition to the ASME Section XI requirements of examination, certain Nuclear Regulatory Commission (NRC) augmented ISI inspections were required. The Byron Station Unit 1 augmented ISI examination requirements include:

a) Class 1 pressure boundary for leakage at nominal operating pressure, in accordance with NRC Generic Letter 88-05, *Boric Acid Corrosion of Carbon Steel Reactor Pressure Boundary Components in PWR Plants*;

b) Class 2 and 3 pressure boundary for leakage at nominal operating pressure, in accordance with NUREG 0737, *Clarification of TMI Action Plan Requirements*;

c) Examination of RCP Flywheels in accordance with Regulatory Guide 1.14.

Note: Specific requests for relief were developed and submitted for the NRC's review when the code and/or augmented requirement(s) were deemed to be impractical, results in excessive hardship, or an alternative examination method is determined as more suitable for the particular component.

1.1 Identification of Examination Requirements

The Section 7.0 of the ISI Program Plan contains the examination program tables. These tables are presented in a tabular format consistent with the tables found in Subsections IWB, IWC, IWD, IWE, IWF, and IWL-2500 of the ASME Code. The examination tables include the corresponding code category, item number, and component/weld selection in conformance with examination requirements and intent

of Subsection IWA, IWB, IWC, IWD, IWE, IWF, and IWL of Section XI of the ASME Code.

For Class 1, 2, and certain non-class piping components, the requirements of Risk Informed Inservice Inspection (RI-ISI) are followed using EPRI TR112657 and Table 1 of ASME Code Case N-578-1.

1.2 Identification of Exempted Components

ASME Class 1, 2, and 3 components, or parts of components, that are not included in the examination tables and that are exempt from examination, as specified in Section XI Paragraphs IWB, IWC, and IWD-1200, *Components Exempt from Examination*, and Tables IWB-2500-1, IWC-2500-1, and IWD-2500-1, are identified in the NDE Program Plan in conjunction with technical justification(s) for exempting the component/system.

Class 1 or 2 piping welds exempted by IWB and IWC-1200 are not included in the RI-ISI program. Previous selection and examination exemptions identified in Tables IWB and IWC-2500-1 for Examination Categories B-F, B-J, C-F-1, and C-F-2, are not allowed under the requirements of the RI-ISI program. With the adoption of RI-ISI, welds evaluated as Risk Category 6 or 7 are not required to be subject to examination.

1.3 Implementation of the ISI Program

Exelon Nuclear, or its designee, visually examined ASME components utilizing the following test methods: VT-1, VT-2, and VT-3. The components examined comply with the ISI Program Schedule, Byron Station Technical Specifications, and/or comply with the ASME Section XI Repair/Replacement Program.

Certified personnel performed and evaluated visual examinations (i.e., VT-1, VT-2, and VT-3) of Class 1, 2, and 3 components, and supports. Exelon Nuclear personnel certification procedures comply with the requirements of ANSI/ASNT CP-189, 1995 Edition and ASNT SNT-TC-1A, 1984 Edition.

Certified personnel performed and evaluated all NDE. Personnel were certified to the requirements of the ASNT SNT-TC-1A, 1984 Edition. Additionally, ultrasonic examiners were certified in accordance with ANSI/ASNT CP-189, 1995 Revision. The NDE procedures were developed and certified in conformance with ASME Section V and XI as applicable.

All ISI NDE, including evaluation of flaw indications, were performed in accordance with the requirements stipulated under Section XI, Subarticle IWA-2200 *Examination Methods*. For components incorporated into the RI-ISI program, the guidance for the examination volume for a given degradation mechanism is provided by the EPRI Topical Report while the guidance for the examination method is provided by Code Case N-578-1.

1.4 Significant Section XI Activities During B1R15

During the refueling outage, the Alloy 600 reactor vessel safe-end welds were visually examined for evidence of leakage per the requirements specified in EPRI MRP-139.

1.5 ASME Section XI Code Cases

The following code case is incorporated into the current Byron Station ISI Program and were utilized during the 15th fuel cycle.

N-566-2 *Corrective Action for Leakage Identified at Bolted Connections.*

The following code case is used for the implementation of the risk-informed program as described in relief request I3R-02.

N-578-1 *Risk-Informed Requirements for Class 1, 2, or 3 Piping, Method B.*

1.6 Witness and Verification of Examination

The inservice inspections were witnessed and/or verified by the Authorized Nuclear Inservice Inspectors (ANII): Jeff Hendricks and Lee Malabanan. These inspectors are associated with Hartford Steam Boiler CT of Harford, Connecticut, Chicago Branch, at 2443 Warrenville Rd., Suite 500, Lisle, Illinois 60532.

2.0 EXAMINATION SUMMARIES

The following section lists the summaries of examinations performed during the refueling cycle. Refer to Section 2.0 for each summary table for information or for specific tests and examinations conducted during this term.

- Welds & Components Summaries

  Inservice Inspection - Weld / Component Listing
  Inservice Inspection - Bolts, Pumps, and Valves Listing
  Preservice Inspection - Weld / Component Listing
  Preservice Inspection - Bolts, Pumps, and Valves Listing

- System Pressure Test Summaries
- Component Support Examination Summary
- Component Snubber Test Summary

3.0 UNIT 1 EXAMINATION COMPLETION STATUS

A summary table of the examination status of Class 1, 2, and 3 components is contained in Section 3.0.

4.0 FORM NIS-1 DATA SHEETS

ASME Form NIS-1, *Owners Report for Inservice Inspections*, were filed during the cycle for Unit 1. See Section 4.0 for the reports.

5.0 FORM NIS-2 DATA SHEETS

ASME Form NIS-2, *Owners Report for Repairs or Replacements*, were filed during the cycle for Unit 1. See Section 5.0 for the reports.

6.0 CONTAINMENT ISI PROGRAM

No reportable conditions were identified for Class CC and Class MC components during this fuel cycle.

7.0 REFERENCED DOCUMENTS

7.1 Code of Federal Regulations, Title 10 Energy

Part 50, *Domestic Licensing of Production and Utilization Facilities*
50.55a, *Codes and Standards*

7.2 American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code

Section V, *Nondestructive Examination*, 2001 Edition, through 2003 Addenda.
Section XI, *Rules for Inservice Inspection of Nuclear Power Plant Components*, 2001 Edition, through 2003 Addenda.

7.3 American National Standards Institute / American Society for Nondestructive Testing

ANSI/ASNT CP-189, 1995 Edition, *Standard for Qualification and Certification of Nondestructive Testing Personnel*

7.4 American Society for Nondestructive Testing

ASNT Recommended Practice No. SNT-TC-1A, 1984 Edition, *Personnel Qualification and Certification in Nondestructive Testing*

7.5 Miscellaneous NRC Documents

Generic Letter 88-05, *Boric Acid Corrosion of Carbon Steel Reactor Pressure Boundary Components in PWR Plants.*

NUREG 0737, *Clarification of TMI Action Plan Requirements.*

7.6 Electric Power Research Institute

Material Reliability Program *Primary System Piping Butt Weld Inspection and Evaluation Guideline* (MRP-139) July 14, 2005.

Topical Report TR112657 Revision B-A, *Revised Risk-Informed Inservice Inspection Procedure,* December 1999.

Weld / Component Outage Summary

SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat.	Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
Comments							
R-A R1.11	1CVA3AA-2/W-06 Pipe - Elbow	1CVA3AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-001							
R-A R1.11	1CVA3AA-2/W-07 Elbow - Pipe	1CVA3AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-002							
R-A R1.11	1CVA3B-2/W-74 Pipe - Elbow	1CVA3B-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-003							
R-A R1.11	1CVA3B-2/W-75 Elbow - Pipe	1CVA3B-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-004							
R-A R1.11	1CVA3B-2/W-76 Pipe - Elbow	1CVA3B-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-005							
R-A R1.11	1CVA3B-2/W-77 Elbow - Pipe	1CVA3B-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-006							
R-A R1.11	1CVA3B-2/W-84 Pipe - Elbow	1CVA3B-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-007							
R-A R1.11	1CVA3B-2/W-85 Elbow - Pipe	1CVA3B-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-008							
R-A R1.11	1CVA5AA-2/W-04 Pipe - Elbow	1CVA5AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-009							
R-A R1.11	1CVA5AA-2/W-05 Elbow - Pipe	1CVA5AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-010							
R-A R1.11	1CVA6AA-2/W-04 Pipe - Elbow	1CVA6AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-011							

Weld / Component Outage Summary

SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat.		Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
Comments								
R-A	R1.11	1CVA6AA-2/W-05 Elbow - Pipe	1CVA6AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-012								
R-A	R1.11	1CVA7AA-2/W-08 Pipe - Elbow	1CVA7AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-013								
R-A	R1.11	1CVA7AA-2/W-09 Elbow - Pipe	1CVA7AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-014								

Weld / Component Outage Summary

SYSTEM: Feedwater System (FW)

Section XI Cat.		Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
Comments								
R-A	R1.11	1FW87CA-6/C08A	1FW87CA-6	I3R-02	C5.51		UT	IND
	R1.18	Pipe - SOL			I3T-01			
					I3T-02			
Rescan of B1R14 indication per IR 00756048.								

Weld / Component Outage Summary

SYSTEM: Reactor Coolant System (RC)

Section XI Cat.		Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
Comments								
NA	RG1.14	1RC-01-PA/FLYWHEEL RCP Flywheel	1RC-01-PA				PT	IND
OBS 15-153 1) 5/32" LI and 2) 1/16" RI. Acceptable. Ref: RIR 2008-237.								
R-A	R1.15	1RC-01-R/RPVS-A F-1 RPV Nozzle Safe-End HL Loop C	1RC-01-R	I3R-02	B5.10 I3T-01 I3T-02		BMV	NRI
OBS 15-155 Bare-Metal examination per MRP-139 requirements.								
R-A	R1.15	1RC-01-R/RPVS-D F-1 RPV Nozzle Safe-End HL Loop D	1RC-01-R	I3R-02	B5.10 I3T-01 I3T-02		BMV	NRI
OBS 15-156 Bare-Metal examination per MRP-139 requirements.								
R-A	R1.15	1RC-01-R/RPVS-E F-1 RPV Nozzle Safe-End HL Loop A	1RC-01-R	I3R-02	B5.10 I3T-01 I3T-02		BMV	NRI
OBS 15-157 Bare-Metal examination per MRP-139 requirements.								
R-A	R1.15	1RC-01-R/RPVS-H F-1 RPV Nozzle Safe-End HL Loop B	1RC-01-R	I3R-02	B5.10 I3T-01 I3T-02		BMV	NRI
OBS 15-158 Bare-Metal examination per MRP-139 requirements.								
R-A	R1.20	1RC13AA-2/W-01 SOL - Pipe	1RC13AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-015								
R-A	R1.20	1RC13AA-2/W-02.01 Pipe - Tee	1RC13AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-016								
R-A	R1.20	1RC13AA-2/W-03 Tee - Reducer	1RC13AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-017								
R-A	R1.20	1RC13AA-2/W-04 Tee - Pipe	1RC13AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-018								
R-A	R1.20	1RC13AA-2/W-05 Pipe - Valve	1RC13AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-019								

Weld / Component Outage Summary

SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
Comments							
R-A R1.20	1RC13AB-2/W-01 SOL - Pipe	1RC13AB-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-020							
R-A R1.20	1RC13AB-2/W-09 Pipe - Valve	1RC13AB-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-021							
R-A R1.20	1RC13AC-2/W-01 SOL - Pipe	1RC13AC-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-022							
R-A R1.20	1RC13AD-2/W-01 SOL - Pipe	1RC13AD-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-023							
R-A R1.11	1RC14AA-2/W-02 Pipe - Elbow	1RC14AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-024							
R-A R1.11	1RC14AA-2/W-03 Elbow - Pipe	1RC14AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-025							
R-A R1.11	1RC14AA-2/W-03A Pipe - Tee	1RC14AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-026							
R-A R1.11	1RC14AA-2/W-03B Tee - Reducer	1RC14AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-027							
R-A R1.11	1RC14AA-2/W-03C Tee - Pipe	1RC14AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-028							
R-A R1.11	1RC14AA-2/W-04 Pipe - Elbow	1RC14AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-029							
R-A R1.11	1RC14AA-2/W-05 Elbow - Pipe	1RC14AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-030							

Weld / Component Outage Summary

SYSTEM: Reactor Coolant System (RC)

Section XI Cat.		Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
Comments								
R-A	R1.11	1RC14AA-2/W-06 Pipe - Valve	1RC14AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-031								
R-A	R1.11	1RC14AA-2/W-07 Valve - Pipe	1RC14AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-032								
R-A	R1.11	1RC14AA-2/W-08 Pipe - Tee	1RC14AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-033								
R-A	R1.11	1RC14AA-2/W-09 Tee - Reducer	1RC14AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-034								
R-A	R1.11	1RC14AA-2/W-10 Reducer - Pipe	1RC14AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-035								
R-A	R1.11	1RC14AA-2/W-11 Pipe - Valve	1RC14AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-036								
R-A	R1.11	1RC14AA-2/W-12 Pipe - Coupling	1RC14AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-037								
R-A	R1.11	1RC14AA-2/W-13 Coupling - Pipe	1RC14AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-038								
R-A	R1.11	1RC14AB-2/W-07 Coupling - Pipe	1RC14AB-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-039								
R-A	R1.11	1RC14AB-2/W-08 Pipe - Valve	1RC14AB-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-040								
R-A	R1.11	1RC14AB-2/W-09 Valve - Pipe	1RC14AB-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-041								

Weld / Component Outage Summary

SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
Comments							
R-A R1.11	1RC14AB-2/W-10 Pipe - Tee	1RC14AB-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-042							
R-A R1.11	1RC14AB-2/W-11 Tee - Reducer	1RC14AB-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-043							
R-A R1.11	1RC14AC-2/W-08 Pipe - Valve	1RC14AC-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-044							
R-A R1.11	1RC14AD-2/W-08 Pipe - Valve	1RC14AD-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-045							
R-A R1.11	1RC14AD-2/W-09 Valve - Pipe	1RC14AD-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-046							
R-A R1.11	1RC14AD-2/W-10 Pipe - Tee	1RC14AD-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-047							
R-A R1.11	1RC14AD-2/W-11 Tee - Reducer	1RC14AD-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-048							
R-A R1.11	1RC14AD-2/W-12 Tee - Pipe	1RC14AD-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-049							
R-A R1.11	1RC14AD-2/W-13 Pipe - Valve	1RC14AD-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-050							
R-A R1.11	1RC16AA-2/W-02 Pipe - Valve	1RC16AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-051							
R-A R1.11	1RC16AA-2/W-03 Valve - Pipe	1RC16AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-052							

Weld / Component Outage Summary

SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
Comments							
R-A R1.11	1RC16AA-2/W-04 Pipe - Elbow	1RC16AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-053							
R-A R1.11	1RC16AA-2/W-05 Elbow - Pipe	1RC16AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-054							
R-A R1.11	1RC16AA-2/W-06 Pipe - Elbow	1RC16AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-055							
R-A R1.20	1RC16AA-2/W-07 Elbow - Pipe	1RC16AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-056							
R-A R1.20	1RC16AA-2/W-08 Pipe - SOL	1RC16AA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-057							
R-A R1.11	1RC16AB-2/W-02 Pipe - Elbow	1RC16AB-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-058							
R-A R1.20	1RC22AA-1.5/W-01 Reducer - Coupling	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-059							
R-A R1.20	1RC22AA-1.5/W-02 Coupling - Pipe	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-060							
R-A R1.20	1RC22AA-1.5/W-03 Pipe - Elbow	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-061							
R-A R1.20	1RC22AA-1.5/W-04 Elbow - Pipe	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-062							
R-A R1.20	1RC22AA-1.5/W-05 Pipe - Elbow	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-063							

Weld / Component Outage Summary

SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
Comments							
R-A R1.20	1RC22AA-1.5/W-06 Elbow - Pipe	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-064							
R-A R1.20	1RC22AA-1.5/W-07 Pipe - Elbow	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-065							
R-A R1.20	1RC22AA-1.5/W-08 Elbow - Pipe	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-066							
R-A R1.20	1RC22AA-1.5/W-09 Pipe - Elbow	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-067							
R-A R1.20	1RC22AA-1.5/W-10 Elbow - Pipe	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-068							
R-A R1.20	1RC22AA-1.5/W-11 Pipe - Elbow	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-069							
R-A R1.20	1RC22AA-1.5/W-12 Elbow - Pipe	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-070							
R-A R1.20	1RC22AA-1.5/W-13.01 Pipe - Valve	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-071							
R-A R1.20	1RC22AA-1.5/W-14.01 Valve - Pipe	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-072							
R-A R1.20	1RC22AA-1.5/W-15.01 Pipe - Elbow	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-073							
R-A R1.20	1RC22AA-1.5/W-16.01 Elbow - Pipe	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-074							

Weld / Component Outage Summary

SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
Comments							
R-A R1.20	1RC22AA-1.5/W-17 Pipe - Coupling	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-075							
R-A R1.20	1RC22AA-1.5/W-18 Coupling - Pipe	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-076							
R-A R1.20	1RC22AA-1.5/W-19 Pipe - Flange	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-077							
R-A R1.20	1RC22AA-1.5/W-20 Flange - Pipe	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-078							
R-A R1.20	1RC22AA-1.5/W-21 Pipe - Tee	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-079							
R-A R1.20	1RC22AA-1.5/W-22 Tee - Reducer	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-080							
R-A R1.20	1RC22AA-1.5/W-23 Tee - Pipe	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-081							
R-A R1.20	1RC22AA-1.5/W-24 Pipe - Tee	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-082							
R-A R1.20	1RC22AA-1.5/W-25 Tee - Reducer	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-083							
R-A R1.20	1RC22AA-1.5/W-26 Tee - Pipe	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-084							
R-A R1.20	1RC22AA-1.5/W-27 Pipe - Valve	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-085							

Weld / Component Outage Summary

SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
Comments							
R-A R1.20	1RC22AA-1.5/W-28 Valve - Pipe	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-086							
R-A R1.20	1RC22AA-1.5/W-29 Pipe - Elbow	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-087							
R-A R1.20	1RC22AA-1.5/W-30 Elbow - Pipe	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-088							
R-A R1.20	1RC22AA-1.5/W-31 Pipe - Elbow	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-089							
R-A R1.20	1RC22AA-1.5/W-32 Elbow - Pipe	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-090							
R-A R1.20	1RC22AA-1.5/W-33 Pipe - WOL	1RC22AA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-091							

Weld / Component Outage Summary

SYSTEM: Reactor Pressure Vessel (RPV)

Section XI Cat.	Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
Comments							
B-N-1 B13.10	1RC-01-R/RPV INTERIOR RPV Interior Surfaces	1RC-01-R				VT-3	RI
OBS 15-144 IR 00757175 for foreign material on flange surface. All other conditions NRI.							

Weld / Component Outage Summary

SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
Comments							
R-A R1.11	1RY18A-2/W-05A Valve - Pipe	1RY18A-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-092							
R-A R1.11	1RY18A-2/W-06 Pipe - Elbow	1RY18A-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-093							
R-A R1.11	1RY18A-2/W-07 Elbow - Pipe	1RY18A-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-094							
R-A R1.11	1RY18A-2/W-08 Pipe - Elbow	1RY18A-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-095							
R-A R1.11	1RY18A-2/W-09 Elbow - Pipe	1RY18A-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-096							
R-A R1.11	1RY18A-2/W-10 Pipe - WOL	1RY18A-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-097							

Weld / Component Outage Summary

SYSTEM: Steam Generator (SG)

Section XI Cat.		Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
Comments								
C-B	C2.22	1RC-01-BB/N-3-NIR FW Nozzle Inner Radius	1RC-01-BB				UT	NRI
OBS 15-151								

Weld / Component Outage Summary

SYSTEM: Safety Injection System (SI)

Section XI Cat.	Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
Comments							
B-K B10.20	1SI03DA-2/W-09 Closure Plate 1RB-61A	1SI03DA-2			100	PT	NRI
OBS 15-149							
C-C C3.20	1SI05BA-8/C01A Closure Plate 1PC-50	1SI05BA-8	NA		100	PT	NRI
OBS 15-123							
C-C C3.20	1SI06BA-24/C02A Welded Attachment (VALVE ENC. 1SI8811A)	1SI06BA-24			100	PT	NRI
OBS 15-152							
R-A R1.11	1SI08GC-1.5/W-01 Reducer - Coupling	1SI08GC-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-098							
R-A R1.11	1SI08GC-1.5/W-02 Coupling - Pipe	1SI08GC-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-099							
R-A R1.11	1SI08GC-1.5/W-03 Pipe - Elbow	1SI08GC-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-100							
R-A R1.11	1SI08GC-1.5/W-04 Elbow - Pipe	1SI08GC-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-101							
R-A R1.11	1SI08GC-1.5/W-05 Pipe - Reducer	1SI08GC-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-102							
R-A R1.11	1SI08HA-2/W-01 Reducer - Pipe	1SI08HA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-103							
R-A R1.11	1SI08HA-2/W-02 Pipe - Flange	1SI08HA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-104							
R-A R1.11	1SI08HA-2/W-03 Flange - Pipe	1SI08HA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-105							

Weld / Component Outage Summary

SYSTEM: Safety Injection System (SI)

Section XI Cat.	Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Actual Exam	Results
Comments							
R-A R1.11	1SI08HA-2/W-04 Pipe - Reducer	1SI08HA-2	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-106							
R-A R1.11	1SI08JA-1.5/W-06 Pipe - Valve	1SI08JA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-107							
R-A R1.11	1SI08JA-1.5/W-07 Valve - Pipe	1SI08JA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-108							
R-A R1.11	1SI08JA-1.5/W-08 Pipe - Coupling	1SI08JA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-109							
R-A R1.11	1SI08JA-1.5/W-09 Coupling - Pipe	1SI08JA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-110							
R-A R1.11	1SI08JA-1.5/W-10 Pipe - Flange	1SI08JA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-111							
R-A R1.11	1SI08JA-1.5/W-11 Flange - Pipe	1SI08JA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-112							
R-A R1.11	1SI08JA-1.5/W-12 Pipe - Elbow	1SI08JA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-113							
R-A R1.11	1SI08JA-1.5/W-13 Elbow - Pipe	1SI08JA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-114							
R-A R1.11	1SI08JA-1.5/W-14 Pipe - Elbow	1SI08JA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-115							
R-A R1.11	1SI08JA-1.5/W-15 Elbow - Pipe	1SI08JA-1.5	I3R-02	B9.40 I3T-01 I3T-02		VT-2	NRI
OBS 15-116							

Bolts, Pumps, and Valves Outage Summary

SYSTEM: Reactor Pressure Vessel (RPV)

Section XI Cat.	Item	Component ID Description	Relief Requests	Technical Notes	Actual Exam	Results
Comments						
B-G-1	B6.10	1RC-01-R/N01-N18 RPV Closure Head Nuts	NA		VT-1	NRI
OBS 15-145 N16 dent on OD surface.						
B-G-1	B6.20	1RC-01-R/S01-S18 RPV Closure Head Studs	NA		UT	NRI
OBS 15-146 Studs 01 to 07, 9, 11, 12, 14 to 18, 55, 56, and 57.						
B-G-1	B6.50	1RC-01-R/W01-W18 Closure Washers	NA		VT-1	NRI
OBS 15-148 Washers 3 to 11, 13 to 18, 55, 56, and 60.						

Bolts, Pumps, and Valves Outage Summary

SYSTEM: Steam Generator (SG)

Section XI Cat.	Item	Component ID Description	Relief Requests	Technical Notes	Actual Exam	Results
Comments						
B-G-1	B6.100	1RC-01-BA/FLG SURF-CL Manway Flange Surface (Crossunder)	NA		VT-1	NRI
OBS 15-130						
B-G-1	B6.100	1RC-01-BA/FLG SURF-HL Manway Flange Surface (Hot Leg)	NA		VT-1	NRI
OBS 15-131						
B-G-1	B6.100	1RC-01-BB/FLG SURF-CL Manway Flange Surface (Crossunder)	NA		VT-1	NRI
OBS 15-132						
B-G-1	B6.100	1RC-01-BB/FLG SURF-HL Manway Flange Surface (Hot Leg)	NA		VT-1	NRI
OBS 15-133						
B-G-1	B6.100	1RC-01-BC/FLG SURF-CL Manway Flange Surface (Crossunder)	NA		VT-1	NRI
OBS 15-134						
B-G-1	B6.100	1RC-01-BC/FLG SURF-HL Manway Flange Surface (Hot Leg)	NA		VT-1	NRI
OBS 15-135						
B-G-1	B6.100	1RC-01-BD/FLG SURF-CL Manway Flange Surface (Crossunder)	NA		VT-1	NRI
OBS 15-136						
B-G-1	B6.100	1RC-01-BD/FLG SURF-HL Manway Flange Surface (Hot Leg)	NA		VT-1	NRI
OBS 15-137						

Bolts, Pumps, and Valves Outage Summary

SYSTEM: Safety Injection System (SI)

Section XI Cat.	Item	Component ID Description	Relief Requests	Technical Notes	Actual Exam	Results
Comments						
B-G-2	B7.50	1SI08JA-1.5/FLG 1-4 Piping Flange Bolting	NA	PFB-SI-2	VT-1	NRI
OBS 15-154 Dissassembled under WO 1042252.						

Exelon

Byron Station Unit 1
B1R15 ISI Outage Report

Weld / Component Outage Summary (Preservice Inspections)

SYSTEM: Feedwater System (FW)

Section XI Cat.	Item	Component ID Description	Line Number	Relief Requests	Technical Notes	Code Coverage	Required Exam	Actual Exam	Results
Comments									
R-A	R1.11	1FW03DA-16/C01.01	1FW03DA-16	I3R-02	C5.51	100	SURF	MT	NRI
	R1.18	Valve - Pipe			I3T-01	100	VOL-E	UT	GEOM
					I3T-02				
Baseline exam of replacement pipe weld W-1, WO 00955081.									
R-A	R1.11	1FW03DA-16/C01B	1FW03DA-16	I3R-02	C5.51	100	SURF	MT	NRI
	R1.18	Pipe - Pipe			I3T-01	100	VOL-E	UT	GEOM
					I3T-02				
Baseline exam of replacement pipe weld W-4, WO 00955081.									

Detailed Inservice Inspection Bolts, Pumps, and Valves Listing (PSI)

SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	Component ID Description	Relief Requests	Technical Notes	Actual Exam	Results
Comments						
B-G-2	B7.50	1RY03BC-6/FLG 1-12 Piping Flange Bolting	NA	PFB-RY	VT-1	NRI
Baseline exam for 1RY8010C replacement. WO#009615450-08.						
B-G-2	B7.50	1RY76A-2/FLG 1-8 Piping Flange Bolting	NA		VT-1	NRI
Replacement of nut under WO 00966737.						

Detailed Inservice Inspection Bolts, Pumps, and Valves Listing (PSI)

SYSTEM: Steam Generator (SG)

Section XI Cat.	Item	Component ID Description	Relief Requests	Technical Notes	Actual Exam	Results
Comments						
B-G-1	B6.90	1RC-01-BA/STUDS-CL 01-20 Manway Studs 1-20 (Crossunder)	NA		MT	NRI
Baseline exam of replacement manway stud #15, WO 00880420.						
B-G-1	B6.90	1RC-01-BA/STUDS-HL 01-20 Manway Studs 1-20 (Hot Leg)	NA		MT	NRI
Baseline exam of replacement manway stud #19, WO 00880420.						
B-G-1	B6.90	1RC-01-BC/STUDS-CL 01-20 Manway Studs 1-20 (Crossunder)	NA		MT	NRI
Baseline exam of replacement manway stud #08, WO 00883690.						
B-G-1	B6.90	1RC-01-BC/STUDS-HL 01-20 Manway Studs 1-20 (Hot Leg)	NA		MT	RI
Baseline exam of replacement manway stud #16, WO 00883690. 9/64" axial indication, acceptable per procedure.						

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Byron Station Unit 1
B1R15 ISI Outage Report

Pressure Test Outage Summary

SYSTEM: Auxiliary Feedwater System (AF)

Section XI Cat.	Section XI Item	Component ID	Relief Requests	Technical Notes	Actual Exam	Results
Comments						
NA	NA	1-AF-2-1			VT-2	NRI
NA	NA	1-AF-2-2			VT-2	NRI

Pressure Test Outage Summary

SYSTEM: Containment Spray System (CS)

Section XI Cat.	Section XI Item	Component ID	Relief Requests	Technical Notes	Actual Exam	Results
Comments						
NA	NA	1-CS-2-1			VT-2	NRI
NA	NA	1-CS-2-2			VT-2	NRI
NA	NA	1-CS-2-3			VT-2	NRI
NA	NA	1-CS-2-4			VT-2	NRI
NA	NA	1-CS-2-5			VT-2	NRI

Pressure Test Outage Summary

SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat.	Item	Component ID	Relief Requests	Technical Notes	Actual Exam	Results
Comments						
NA	NA	1-CV-2-1		I3T-03 I3T-04	VT-2	NRI
NA	NA	1-CV-2-10			VT-2	NRI
NA	NA	1-CV-2-2			VT-2	NRI
NA	NA	1-CV-2-3			VT-2	NRI
NA	NA	1-CV-2-4			VT-2	NRI
NA	NA	1-CV-2-5			VT-2	NRI
NA	NA	1-CV-2-7			VT-2	NRI

Pressure Test Outage Summary

SYSTEM: Fuel Pool Cooling System (AF)

Section XI Cat.	Item	Component ID	Relief Requests	Technical Notes	Actual Exam	Results
Comments						
NA	NA	1-FC-2-1			VT-2	NRI

Pressure Test Outage Summary

SYSTEM: Process Sampling System (PS)

Section XI Cat.	Item	Component ID	Relief Requests	Technical Notes	Actual Exam	Results
Comments						
NA	NA	1-PS-2-1			VT-2	NRI
NA	NA	1-PS-2-2			VT-2	NRI
NA	NA	1-PS-2-3			VT-2	NRI
NA	NA	1-PS-2-4			VT-2	NRI
NA	NA	1-PS-2-5			VT-2	NRI
NA	NA	1-PS-2-6			VT-2	NRI

Pressure Test Outage Summary

SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	Component ID	Relief Requests	Technical Notes	Actual Exam	Results
Comments						
NA	NA	1-RC-1-1			VT-2	NRI

Pressure Test Outage Summary

SYSTEM: Residual Heat Removal System (RH)

Section XI Cat.	Item	Component ID	Relief Requests	Technical Notes	Actual Exam	Results
Comments						
NA	NA	1-RH-2-1			VT-2	NRI
NA	NA	1-RH-2-2			VT-2	NRI
NA	NA	1-RH-2-3			VT-2	NRI
NA	NA	1-RH-2-6			VT-2	NRI

Pressure Test Outage Summary

SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	Component ID	Relief Requests	Technical Notes	Actual Exam	Results
Comments						
NA	NA	1-RY-2-1			VT-2	NRI

Pressure Test Outage Summary

SYSTEM: Safety Injection System (SI)

Section XI Cat.	Section XI Item	Component ID	Relief Requests	Technical Notes	Actual Exam	Results
Comments						
NA	NA	1-SI-2-1			VT-2	NRI
NA	NA	1-SI-2-2			VT-2	NRI
NA	NA	1-SI-2-3			VT-2	NRI
NA	NA	1-SI-2-4			VT-2	NRI
NA	NA	1-SI-2-6			VT-2	NRI
NA	NA	1-SI-2-7			VT-2	NRI

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Byron Station Unit 1
B1R15 ISI Outage Report

Component Support Outage Summary

SYSTEM: Auxiliary Feedwater System (AF)

Section XI Cat.	Item	Component ID / Description	Line Number	Relief Requests	Technical Notes	Actual Exam	Results
Comments							
F-A	F1.20	1AF02EA-4/1AF06001R Rigid	1AF02EA-4			VT-3	NRI

Component Support Outage Summary

SYSTEM: Containment Spray System (CS)

Section XI Cat.	Item	Component ID / Description	Line Number	Relief Requests	Technical Notes	Actual Exam	Results
F-A	F1.20	1CS02AA-10/1CS03003V VARIABLE-Spring Can	1CS02AA-10			VT-3	NRI
Comments: All welds painted							
F-A	F1.20	1CS10AA-6/1CS03028X SEISMIC	1CS10AA-6			VT-3	NRI
F-A	F1.20	1CS10AA-6/1CS03089A ANCHOR	1CS10AA-6			VT-3	NRI
Comments: Minor surface rust only, no wastage							

Component Support Outage Summary

SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat.	Item	Component ID / Description	Line Number	Relief Requests	Technical Notes	Actual Exam	Results
Comments							
F-A	F1.20	1CV08BA-4/1CV01002X SEISMIC	1CV08BA-4			VT-3	NRI
F-A	F1.10	1CVA3B-2/1CV16024X SEISMIC	1CVA3B-2			VT-3	NRI
F-A	F1.10	1CVA3B-2/1CV16083X SEISMIC	1CVA3B-2			VT-3	NRI

Component Support Outage Summary

SYSTEM: Feedwater System (FW)

Section XI Cat.	Item	Component ID / Description	Line Number	Relief Requests	Technical Notes	Actual Exam	Results
F-A	F1.20	1FW81AA-6/1AF06038R RIGID	1FW81AA-6			VT-3	NRI
F-A	F1.20	1FW81AA-6/1AF06039X SEISMIC	1FW81AA-6			VT-3	NRI
Insulation removed for examination.							
F-A	F1.20	1FW81BA-6/1AF06040V VARIABLE	1FW81BA-6			VT-3	NRI
						VT-3 PMT	NRI
Reference IR 757579, within allowable cold range.							

Component Support Outage Summary

SYSTEM: Main Steam System (MS)

Section XI Cat.	Item	Component ID / Description	Line Number	Relief Requests	Technical Notes	Actual Exam	Results
F-A	F1.20	1MS01BB-30-3/4/1PC-85A	1MS01BB-30.75			VT-3	NRI
		ANCHOR				VT-3	NRI
Comments: 03/30/2008 Exam performed on surfaces outside containment (Direct). 03/29/2008 Exam performed on surfaces inside containment (Direct and Remote). Surface rust identified during both exams. No evidence of wastage or loss of material.							

Component Support Outage Summary

SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	Component ID / Description	Line Number	Relief Requests	Technical Notes	Actual Exam	Results
F-A	F1.40	1RC-01-BA/S	1RC-01-BA			VT-3	NRI
		SG A SUPPORT				VT-3	NRI
						VT-3	NRI
Comments							
IR# 757349, Written to address boric acid on all 4 SG support leg bases. After cleaning, no degradation identified.							

Component Support Outage Summary

SYSTEM: Residual Heat Removal System (RH)

Section XI Cat.	Item	Component ID / Description	Line Number	Relief Requests	Technical Notes	Actual Exam	Results
F-A	F1.40	1RH-01-PA/L1 RH PUMP 1A LUG 1	1RH-01-PA			VT-3	NRI
IO-Minor surface rust, no degradation							
F-A	F1.40	1RH-01-PA/L2 RH PUMP 1A LUG 2	1RH-01-PA			VT-3	NRI
IO-Minor surface rust, no degradation							
F-A	F1.40	1RH-01-PA/L3 RH PUMP 1A LUG 3	1RH-01-PA			VT-3	NRI
IO-Minor surface rust, no degradation							
F-A	F1.20	1RH02AA-8/1RH07016V VARIABLE-Spring Can	1RH02AA-8			VT-3	NRI
All welds painted							
F-A	F1.40	1RH-02-AB/SKT RH HX B SKIRT	1RH-02-AB			VT-3	NRI
All welds painted							
F-A	F1.20	1RH03AA-8/1RH01003X SEISMIC - Strut	1RH03AA-8			VT-3	NRI
All welds painted							

Component Support Outage Summary

SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	Component ID / Description	Line Number	Relief Requests	Technical Notes	Actual Exam	Results
F-A	F1.40	1RY-01-S/SKT PRESSURIZER SKIRT	1RY-01-S			VT-3	NRI
Comments							
Pressurizer Skirt / Base							

Component Support Outage Summary

SYSTEM: Safety Injection System (SI)

Section XI Cat.	Item	Component ID / Description	Line Number	Relief Requests	Technical Notes	Actual Exam	Results
F-A	F1.20	1SI04B-12/1RH02029X SEISMIC	1SI04B-12			VT-3	NRI
F-A	F1.20	1SI04C-8/1RH02026X SEISMIC	1SI04C-8			VT-3	NRI
F-A	F1.10	1SI04D-8/1RH02022X SEISMIC	1SI04D-8			VT-3	NRI
F-A	F1.20	1SI05BA-8/1PC-50A ANCHOR	1SI05BA-8			VT-3 VT-3	NRI NRI
Comments: 03/21/08 Exam, Direct (Area 5 Outside Containment) 03/29/2008 Exam, Direct and Remote Inside Containment. Minor surface rust identified during both exams. No evidence of wastage or material loss.							
F-A	F1.20	1SI08CA-4/1SI07008X SEISMIC	1SI08CA-4			VT-3	NRI
F-A	F1.10	1SI08JA-1-1/2/1SI-CP1A SEISMIC	1SI08JA-1-1/2			VT-3	NRI
F-A	F1.10	1SI09BA-10/1SI01001V VARIABLE	1SI09BA-10			VT-3	NRI

Component Support Outage Summary

SYSTEM: Essential Service Water System (SX)

Section XI Cat.	Item	Component ID / Description	Line Number	Relief Requests	Technical Notes	Actual Exam	Results
Comments							
F-A	F1.20	1SX08BC-10/1SX06018X SEISMIC	1SX08BC-10			VT-3	NRI
F-A	F1.20	1SX08BC-10/1SX06020X SEISMIC	1SX08BC-10			VT-3	NRI

Exelon

Byron Station Unit 1
Byron Station Outage B1R15

Snubber Outage Summary

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SYSTEM: Chemical & Volume Control System (CV)

Section XI Cat.	Item	Component ID / Description	Line Number	Relief Requests	Technical Notes	Actual Exam	Results
NA	NA	1CV15AC-3/4/1CV29003S SNUBBER	1CV15AC-3/4		SR	VT-3	NRI
F-A	F1.10	1CVA5AA-2/1CV15054S SNUBBER	1CVA5AA-2		SR	VT-3 FT	NRI PASS
Initial Exam							
NA	SNUB	1RC14AB-2/1CV15039-S1 SNUBBER	1RC14AB-2		SR	VT-3 FT	NRI PASS
Initial Exam							
NA	SNUB	1RC14AB-2/1CV15039-S2 SNUBBER	1RC14AB-2		SR	VT-3 FT	NRI PASS
Initial Exam							

Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables

Snubber Outage Summary

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SYSTEM: Main Steam System (MS)

Section XI Cat.	Item	Component ID Description	Line Number	Relief Requests	Technical Notes	Actual Exam	Results
Comments							
NA	SNUB	1MS01AC-32.75 /1MS07006-S1 SNUBBER	1MS01AC-32.75		Y 19	VT-3 FT	NRI PASS
Initial Exam							
NA	SNUB	1MS01AC-32.75 /1MS07006-S2 SNUBBER	1MS01AC-32.75		Y 19	VT-3 FT	NRI PASS
Initial Exam							

Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables

Snubber Outage Summary

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SYSTEM: Reactor Coolant System (RC)

Section XI Cat.	Item	Component ID / Description	Line Number	Relief Requests	Technical Notes	Actual Exam	Results
Comments							
F-A	F1.40	1RC01BA-1A/1RC06S SNUBBER	1RC01BA-1A		SR	VT-3	NRI
Reservoir Setting = 4-7/8, Minor weepage on reservoir piston seal.							
F-A	F1.40	1RC01BA-1A/1RC07S SNUBBER	1RC01BA-1A		SR	VT-3	NRI
Reservoir Setting = 4-1/2. Minor weepage on reservoir piston seal.							
F-A	F1.40	1RC01BB-1B/1RC08S SNUBBER	1RC01BB-1B		SR	VT-3	NRI
Reservoir Setting = 4-3/4. Minor weepage on reservoir piston seal.							
F-A	F1.40	1RC01BB-1B/1RC09S SNUBBER	1RC01BB-1B		SR	VT-3	NRI
Reservoir Setting = 4-1/2. Minor weepage on reservoir piston seal.							
F-A	F1.40	1RC01BC-1C/1RC10S SNUBBER	1RC01BC-1C		SR	VT-3	NRI
Reservoir Setting = 4-1/2. Minor weepage on reservoir piston seal.							
F-A	F1.40	1RC01BC-1C/1RC11S SNUBBER	1RC01BC-1C		SR	VT-3	NRI
Reservoir Setting = 4-5/8. Minor weepage on reservoir piston seal.							
F-A	F1.40	1RC01BD-1D/1RC12S SNUBBER	1RC01BD-1D		SR	VT-3 FT	NRI PASS
Reservoir Setting = 5-5/8. Minor weepage on reservoir piston seal.							
F-A	F1.40	1RC01BD-1D/1RC13S SNUBBER	1RC01BD-1D		SR	VT-3	NRI
Reservoir Setting = 4. Minor weepage on reservoir piston seal.							
F-A	F1.10	1RC14AB-2/1CV15053S SNUBBER	1RC14AB-2		SR	VT-3 FT	NRI PASS
Initial Exam							
NA	NA	1RC20AB-3/4/1RC17012S SNUBBER	1RC20AB-3/4		SR	VT-3 FT	NRI PASS
Initial Exam							
F-A	F1.10	1RC22AB-1.5/1RC17015S SNUBBER	1RC22AB-1.5		SR	VT-3 FT	NRI PASS
Initial Exam							
F-A	F1.10	1RC22AB-1.5/1RC17028S SNUBBER	1RC22AB-1.5		SR	VT-3 FT	NRI PASS
Initial Exam							

Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables

Snubber Outage Summary

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SYSTEM: Residual Heat Removal System (RH)

Section XI Cat.	Item	Component ID Description	Line Number	Relief Requests	Technical Notes	Actual Exam	Results
Comments							
F-A	F1.10	1RH01AA-12/1RH02054S SNUBBER	1RH01AA-12		SR	VT-3 FT	NRI PASS
Initial Exam							
F-A	F1.20	1RH02AB-8/1RH08015S SNUBBER	1RH02AB-8		SR	VT-3 FT	NRI PASS

Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables

Snubber Outage Summary

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SYSTEM: Reactor Coolant System (RY)

Section XI Cat.	Item	Component ID Description	Line Number	Relief Requests	Technical Notes	Actual Exam	Results
Comments							
F-A	F1.10	1RY01AA-4/1RY06066S SNUBBER	1RY01AA-4		SR	VT-3 FT	NRI PASS
Initial Exam							
F-A	F1.10	1RY01B-6/1RY06022S SNUBBER	1RY01B-6		SR	VT-3 FT	NRI PASS
Initial Exam							

Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables

Exelon.

Byron Station Unit 1
Byron Station Outage B1R15

Snubber Outage Summary

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SYSTEM: Safety Injection System (SI)

Section XI Cat.	Item	Component ID / Description	Line Number	Relief Requests	Technical Notes	Actual Exam	Results
F-A	F1.20	1SI05CA-8/1SI02003S SNUBBER	1SI05CA-8		SR	VT-3 FT	NRI PASS
Comments: Initial Exam							

Note: Section XI Category numbers N/A-ed are exempt from IWF-1220 and IWF-2500 tables

(This report is used to verify that the periodic requirements of Tables IWx-2412-1 will be met by the interval schedule.)	BYRON STATION UNIT 1 AND UNIT COMMON - 3RD INTERVAL ASME SECTION XI EXAMINATION STATUS REPORT	(The percentage requirements of Tables IWx-2412-1 apply to the Category and were applied to each Item only when practical.)

Item No.	# of Comp	Total Selected	# Exams Completed Min	Per 1	Max	Min	Per 2	Max	Per 3	% Selected	% Exams Completed Period 1	Period 2	Period 3
Category B-A Non-Deferred Exams													
B1.30	1	1	0	0	1	1	0	1	0	100.00%	0.00%	0.00%	0.00%
B1.40	1	1	0	0	1	1	0	1	0	100.00%	0.00%	0.00%	0.00%
Totals:	**2**	**2**	**0**	**0**	**1**	**1**	**0**	**1**	**0**	**100.00%**	**0.00%**	**0.00%**	**0.00%**
Category B-A Deferred Exams													
B1.11	3	3	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%
B1.21	2	2	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%
Totals:	**5**	**5**	**N/A**	**0**	**N/A**	**N/A**	**0**	**N/A**	**0**	**100.00%**	**0.00%**	**0.00%**	**0.00%**
Category B-B Non-Deferred Exams													
B2.11	2	2	0	0	1	1	0	1	0	100.00%	0.00%	0.00%	0.00%
B2.12	2	2	0	0	1	1	0	1	0	100.00%	0.00%	0.00%	0.00%
B2.40	4	1	0	1	1	1	0	1	0	25.00%	100.00%	100.00%	100.00%
Totals:	**8**	**5**	**1**	**1**	**2**	**2**	**0**	**2**	**0**	**62.50%**	**20.00%**	**20.00%**	**20.00%**

1. (B2.40) Per Examination Category B-B, Note 1, examinations may be limited to one vessel among a group of vessels performing a similar function.

Category B-D Non-Deferred Exams													
B3.110	6	6	1	5	3	-2	0	-1	0	100.00%	83.33%	83.33%	83.33%
B3.120	6	6	1	5	3	-2	0	-1	0	100.00%	83.33%	83.33%	83.33%
B3.140	8	8	2	0	4	4	0	6	0	100.00%	0.00%	0.00%	0.00%
Totals:	**20**	**20**	**4**	**10**	**10**	**0**	**0**	**5**	**0**	**100.00%**	**50.00%**	**50.00%**	**50.00%**

1. (B3.120 & B3.140) Per 10 CFR 50.55a(b)(2)(xxi)(A), Table IWB-2500-1 examination requirements, the provisions of Table IWB-2500-1, Examination Category B-D, Item Numbers B3.120 and B3.140 in the 1998 Edition must be applied when using the 1999 Addenda through the latest edition and addenda, and requires that a visual examination with enhanced magnification may be performed on the inside radius section in place of an ultrasonic examination.

Category B-D Deferred Exams													
B3.90	8	8	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%
B3.100	8	8	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%
Totals:	**16**	**16**	**N/A**	**0**	**N/A**	**N/A**	**0**	**N/A**	**0**	**100.00%**	**0.00%**	**0.00%**	**0.00%**

(This report is used to verify that the periodic requirements of Tables IWx-2412-1 will be met by the interval schedule.)	BYRON STATION UNIT 1 AND UNIT COMMON - 3RD INTERVAL ASME SECTION XI EXAMINATION STATUS REPORT	(The percentage requirements of Tables IWx-2412-1 apply to the Category and were applied to each Item only when practical.)

Item No.	# of Comp	Total Selected	# Exams Completed Min	Per 1	Max	Min	Per 2	Max	Per 3	% Selected	% Exams Completed Period 1	Period 2	Period 3
Category B-G-1 Deferred Exams													
B6.10	3	3	N/A	1	N/A	N/A	0	N/A	0	100.00%	33.33%	33.33%	33.33%
B6.20	3	3	N/A	1	N/A	N/A	0	N/A	0	100.00%	33.33%	33.33%	33.33%
B6.40	1	1	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%
B6.50	3	3	N/A	1	N/A	N/A	0	N/A	0	100.00%	33.33%	33.33%	33.33%
B6.90	8	8	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%
B6.100	8	8	N/A	8	N/A	N/A	0	N/A	0	100.00%	100.00%	100.00%	100.00%
B6.110	8	8	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%
B6.170	1	1	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%
B6.180	4	1	N/A	0	N/A	N/A	0	N/A	0	25.00%	0.00%	0.00%	0.00%
B6.190	4	0	N/A	0	N/A	N/A	0	N/A	0	0.00%	0.00%	0.00%	0.00%
B6.200	4	0	N/A	0	N/A	N/A	0	N/A	0	0.00%	0.00%	0.00%	0.00%
B6.210	8	2	N/A	0	N/A	N/A	0	N/A	0	25.00%	0.00%	0.00%	0.00%
B6.220	8	0	N/A	0	N/A	N/A	0	N/A	0	0.00%	0.00%	0.00%	0.00%
B6.230	8	0	N/A	0	N/A	N/A	0	N/A	0	0.00%	0.00%	0.00%	0.00%
Totals:	**71**	**38**	**N/A**	**11**	**N/A**	**N/A**	**0**	**N/A**	**0**	**53.52%**	**28.95%**	**28.95%**	**28.95%**

1. (B3.100) This Item Number requires a visual examination with enhanced magnification in lieu of volumetric examination, as allowed by Code Case N-648-1.
2. (B3.90 & B3.100) Per Examination Category B-D, Note 5, for PWR's in the second and successive inspection intervals, these examinations may be deferred to the end of the interval provided no repair/replacement activities have been performed on the examination item, and no flaws or relevant conditions requiring successive inspections in accordance with IWB-2420(b) are contained in the examination item.

1. (B6.10 & B6.20 & B6.50) Single components representing one third of the 54 Reactor Vessel Closure Head Nuts, Closure Studs, and Closure Washers, Bushings.
2. (B6.40) A single component representing all of the 54 Reactor Vessel Threads in Flange to be examined.
3. (B6.90 & B6.100 & B6.110) Eight components are tracked in the database, each representing all of the Bolts and associated Nuts, Bushings, and Washers and Flange Surfaces on one of the eight Steam Generator Manways. Each of the eight entries represents 20 bolts and associated parts for an individual manway.
4. (B6.170) A single component represents the five sets of CETC column nuts.
5. (B6.180) Four components are tracked in the database, each representing one of the 24 Bolts on one of the four Reactor Coolant Pumps (96 total) as reported in the ISI Program Plan. The volumetric examination of these components is limited to only one of the pumps per Examination Category B-G-1, Note 3 and Examination Category B-L-2, Note 1. Examination is required only once per inspection interval.
6. (B6.190 & B6.200) Four components are tracked in the database, each representing all 24 associated Flange Surfaces and Nuts, Bushings, and Washers for one of the four Reactor Coolant Pumps (96 total) as reported in the ISI Program Plan. The visual examination of these components is limited to only one of the pumps per Examination Category B-G-1, Note 3 and Examination Category B-L-2, Note 1. Also, per Examination Category B-G-1, Note 4 and Examination Category B-L-2, Note 2, examination is required only when a pump is disassembled for maintenance, repair, or volumetric examination or bolting is removed. Examination is required only once per inspection interval.

(This report is used to verify that the periodic requirements of Tables IWx-2412-1 will be met by the interval schedule.)	BYRON STATION UNIT 1 AND UNIT COMMON - 3RD INTERVAL ASME SECTION XI EXAMINATION STATUS REPORT	(The percentage requirements of Tables IWx-2412-1 apply to the Category and were applied to each Item only when practical.)

Item No.	# of Comp	Total Selected	# Exams Completed							% Selected	% Exams Completed		
			Min	Per 1	Max	Min	Per 2	Max	Per 3		Period 1	Period 2	Period 3
Category B-G-2 Deferred Exams													
B7.10	2	2	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%
B7.20	1	0	N/A	0	N/A	N/A	0	N/A	0	0.00%	0.00%	0.00%	0.00%
B7.50	20	3	N/A	2	N/A	N/A	0	N/A	0	15.00%	66.67%	66.67%	66.67%
B7.60	4	0	N/A	0	N/A	N/A	0	N/A	0	0.00%	0.00%	0.00%	0.00%
B7.70	26	1	N/A	1	N/A	N/A	0	N/A	0	3.85%	100.00%	100.00%	100.00%
Totals:	**53**	**6**	**N/A**	**3**	**N/A**	**N/A**	**0**	**N/A**	**0**	**11.32%**	**50.00%**	**50.00%**	**50.00%**

7. (B6.210) Eight components are tracked in the database, each representing all of the Bolts and associated Nuts, Bushings, and Washers and Flange Surfaces on one of the eight Reactor Coolant Valves as reported in the ISI Program Plan. The volumetric examination of these components is limited to only one of the valves per Examination Category B-G-1, Note 3 and Examination Category B-M-2, Note 3. Examination is required only once per inspection interval.
8. (B6.220 & B6.230) Eight components are tracked in the database, each representing all of the Bolts and associated Nuts, Bushings, and Washers and Flange Surfaces on one of the eight Reactor Coolant Valves as reported in the ISI Program Plan. The visual examination of these components is limited to only one of the valves per Examination Category B-G-1, Note 3 and Examination Category B-M-2, Note 3. Also, per Examination Category B-G-1, Note 4 and Examination Category B-M-2, Note 2, examination is required only when a valve is disassembled for maintenance, repair, or volumetric examination or bolting is removed. Examination is required only once per inspection interval.

1. (B7.10) Two components representing the CETC and RVLIS Clamp Bolts and associated Nuts as reported in the ISI Program Plan.
2. (B7.20) A single component is scheduled in the first inspection period, representing all 16 Pressurizer Manway Bolts and associated Nuts as reported in the ISI Program Plan.
3. (B7.50) Per Examination Category B-G-2, Note 3, examination is required only when a bolted connection is disassembled or bolting is removed. Also, per Examination Category B-G-2, Note 3, examinations are limited to at least one bolted connection within each group of bolted connections that are similar in design, size, function, and service. Examination is required only once per inspection interval within each bolted connection group.
4. (B7.60) Four components are tracked in the database, each representing all 36 Bolts and associated Nuts for one of the four Reactor Coolant Pumps (144 total) as reported in the ISI Program Plan. Per Examination Category B-G-2, Note 2 and Examination Category B-L-2, Note 2, examination is required only when a pump is disassembled for maintenance, repair, or volumetric examination or bolting is removed. Also, per Examination Category B-G-2, Note 2 and Examination Category B-L-2, Note 1, examinations are limited to at least one pump within each group of pump that are of the same size, design, manufacturing method, and function. Examination is required only once per inspection interval within each valve group.
5. (B7.70) Per Examination Category B-G-2, Note 2 and Examination Category B-M-2, Note 2, examination is required only when a valve is disassembled for maintenance, repair, or volumetric examination or bolting is removed. Also, per Examination Category B-G-2, Note 2 and Examination Category B-M-2, Note 3, examinations are limited to at least one valve within each group of valves that are of the same size, design, manufacturing method, and function. Examination is required only once per inspection interval within each valve group.

(This report is used to verify that the periodic requirements of Tables IWx-2412-1 will be met by the interval schedule.)	**BYRON STATION UNIT 1 AND UNIT COMMON - 3RD INTERVAL ASME SECTION XI EXAMINATION STATUS REPORT**	(The percentage requirements of Tables IWx-2412-1 apply to the Category and were applied to each Item only when practical.)

Category B-K Non-Deferred Exams

Item No.	# of Comp	Total Selected	# Exams Completed Min	Per 1	Max	Min	Per 2	Max	Per 3	% Selected	% Exams Completed Period 1	Period 2	Period 3
B10.10	2	2	0	0	1	1	0	1	0	100.00%	0.00%	0.00%	0.00%
B10.20	7	3	1	1	1	1	0	1	0	42.86%	33.33%	33.33%	33.33%
Totals:	**9**	**5**	**1**	**1**	**2**	**2**	**0**	**2**	**0**	**55.56%**	**20.00%**	**20.00%**	**20.00%**

1. (B10.10) Per Examination Category B-K, Note 4, for multiple vessels of similar design, function and service, only one welded attachment of only one of the multiple vessels shall be selected for examination. Conservatively, a welded attachment of each type of welded attachment of one of multiple vessels will be examined.
2. (B10.20 & B10.30) Per Examination Category B-K, Note 5, for piping, pumps, and valves, a sample of 10% of the welded attachments associated with the component supports selected for examination under IWF-2510 shall be examined. This requirement is conservatively interpreted to mean that 10% of the total

Category B-L-2 Deferred Exams

Item No.	# of Comp	Total Selected	# Exams Completed min	Per 1	max	min	Per 2	max	Per 3	% Selected	% Exams Completed Period 1	Period 2	Period 3
B12.20	4	0	N/A	0	N/A	N/A	0	N/A	0	0.00%	0.00%	0.00%	0.00%
Totals:	**4**	**0**	**N/A**	**0**	**N/A**	**N/A**	**0**	**N/A**	**0**	**0.00%**	**0.00%**	**0.00%**	**0.00%**

1. (B12.20) The examination of pump casings is limited to only one of the pumps performing similar functions in the system per Examination Category B-L-2, Note 1. Also, per Examination Category B-L-2, Note 2, examination is required only when a pump is disassembled for maintenance, repair, or volumetric examination. Examination is required only once per inspection interval.

Category B-M-2 Deferred Exams

Item No.	# of Comp	Total Selected	# Exams Completed min	Per 1	max	min	Per 2	max	Per 3	% Selected	% Exams Completed Period 1	Period 2	Period 3
B12.50	37	2	N/A	2	N/A	N/A	0	N/A	0	5.41%	100.00%	100.00%	100.00%
Totals:	**37**	**2**	**N/A**	**2**	**N/A**	**N/A**	**0**	**N/A**	**0**	**5.41%**	**100.00%**	**100.00%**	**100.00%**

1. (B12.50) Per Examination Category B-M-2, Note 2, examination is required only when a valve is disassembled for maintenance, repair, or volumetric examination. Also, per Examination Category B-M-2, Note 3, examinations are limited to at least one valve within each group of valves that are of the same size, design, manufacturing method, and function. Examination is required only once per inspection interval within each valve group.

Category B-N-1 Non-Deferred Exams

B13.10	2	1	0	1	1	1	0	1	0	50.00%	100.00%	100.00%	100.00%
Totals:	**2**	**1**	**0**	**1**	**1**	**1**	**0**	**1**	**0**	**50.00%**	**100.00%**	**100.00%**	**100.00%**

1. (B13.10) "% Completed" exceeds 100% since the vessel interior is selected for examination once each period (three times during the interval).

(This report is used to verify that the periodic requirements of Tables IWx-2412-1 will be met by the interval schedule.)	**BYRON STATION UNIT 1 AND UNIT COMMON - 3RD INTERVAL ASME SECTION XI EXAMINATION STATUS REPORT**	(The percentage requirements of Tables IWx-2412-1 apply to the Category and were applied to each Item only when practical.)

Item No.	# of Comp	Total Selected	# Exams Completed Min	Per 1	Max	Min	Per 2	Max	Per 3	% Selected	% Exams Completed Period 1	Period 2	Period 3
Category B-N-2 Deferred Exams													
B13.50	1	1	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%
B13.60	1	1	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%
Totals:	**2**	**2**	**N/A**	**0**	**N/A**	**N/A**	**0**	**N/A**	**0**	**100.00%**	**0.00%**	**0.00%**	**0.00%**
Category B-N-3 Deferred Exams													
B13.70	1	1	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%
Totals:	**1**	**1**	**N/A**	**0**	**N/A**	**N/A**	**0**	**N/A**	**0**	**100.00%**	**0.00%**	**0.00%**	**0.00%**
Category B-O Deferred Exams													
B14.10	5	5	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%
Totals:	**5**	**5**	**N/A**	**0**	**N/A**	**N/A**	**0**	**N/A**	**0**	**100.00%**	**0.00%**	**0.00%**	**0.00%**

1. (B14.10) 10% of the 45 CRD Housings (as reported in the ISI Program Plan) are required to be examined each interval per this Item Number. These 5 components represent that 10% population.

Category B-P Non-Deferred Exams													
B15.10	5	5	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%
Totals:	**5**	**5**	**N/A**	**0**	**N/A**	**N/A**	**0**	**N/A**	**0**	**100.00%**	**0.00%**	**0.00%**	**0.00%**

1. (B15.10) "% Completed" exceeds 100% since Class 1 pressure tests are performed each refueling outage.
2. (B15.10) Five components representing the five systems in Class 1 as reported in the ISI Program Plan.

Category C-A Non-Deferred Exams													
C1.10	6	2	0	1	1	1	0	1	0	33.33%	50.00%	50.00%	50.00%
C1.20	6	2	0	1	1	1	0	1	0	33.33%	50.00%	50.00%	50.00%
C1.30	4	1	0	0	1	1	0	1	0	25.00%	0.00%	0.00%	0.00%
Totals:	**16**	**5**	**1**	**2**	**2**	**1**	**0**	**1**	**0**	**31.25%**	**40.00%**	**40.00%**	**40.00%**

1. (C1.10 & C1.20) Per Examination Category C-A, Note 3, in the case of multiple vessels of similar design, size, and service, the required examinations may be limited to one vessel or distributed among the vessels.

(This report is used to verify that the periodic requirements of Tables IWx-2412-1 will be met by the interval schedule.)	**BYRON STATION UNIT 1 AND UNIT COMMON - 3RD INTERVAL ASME SECTION XI EXAMINATION STATUS REPORT**	(The percentage requirements of Tables IWx-2412-1 apply to the Category and were applied to each Item only when practical.)

Item No.	# of Comp	Total Selected	# Exams Completed Min	Per 1	Max	Min	Per 2	Max	Per 3	% Selected	% Exams Completed Period 1	Period 2	Period 3
Category C-B Non-Deferred Exams													
C2.21	12	1	0	0	1	1	0	1	0	8.33%	0.00%	0.00%	0.00%
C2.22	8	1	0	1	1	1	0	1	0	12.50%	100.00%	100.00%	100.00%
Totals:	**20**	**2**	**0**	**1**	**1**	**1**	**0**	**1**	**0**	**10.00%**	**50.00%**	**50.00%**	**50.00%**

1. (C2.21 & C2.22) Per Examination Category C-B, Note 4, in the case of multiple vessels of similar design, size, and service, the required examinations may be limited to one vessel or distributed among the vessels.
2. (C2.22) Due to the unique configuration of the heat exchanger nozzle reinforcing pads being on the internal surface, the nozzle inner radius section is inaccessible for examination. (See Relief Request I3R-04).

Category C-C Non-Deferred Exams													
C3.10	2	1	0	0	1	1	0	1	0	50.00%	0.00%	0.00%	0.00%
C3.20	61	7	2	2	3	2	0	3	0	11.48%	28.57%	28.57%	28.57%
C3.30	20	2	0	0	1	1	0	1	0	10.00%	0.00%	0.00%	0.00%
Totals:	**83**	**10**	**2**	**2**	**5**	**3**	**0**	**5**	**0**	**12.05%**	**20.00%**	**20.00%**	**20.00%**

1. (C3.10) Per Examination Category C-C, Note 4, for multiple vessels of similar design, function, and service, only one welded attachment of only one of the multiple vessels shall be selected for examination. Conservatively, a welded attachment of each type of welded attachment of one of multiple vessels will be examined.
2. (C3.20 & C3.30) Per Examination Category C-C, Note 5, for piping, pumps, and valves, a sample of 10% of the welded attachments associated with the component supports selected for examination under IWF-2510 shall be examined. This requirement is conservatively interpreted to mean that 10% of the total Class 2 welded attachments shall be examined. The interpretation is consistent with the previous NRC condition on the use of Code Case N-509.

Category C-H Non-Deferred Exams													
C7.10	29	29	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%
Totals:	**29**	**29**	**N/A**	**0**	**N/A**	**N/A**	**0**	**N/A**	**0**	**100.00%**	**0.00%**	**0.00%**	**0.00%**

1. (C7.10) "% Completed" exceeds 100% since Class 2 pressure tests are performed each inspection period.
2. (C7.10) Twenty-nine components representing the twenty-nine systems in Class 2 as reported in the ISI Program Plan.

Category Non-Deferred Exams													
D1.10	28	14	3	7	7	0	0	3	0	50.00%	50.00%	50.00%	50.00%
D1.20	120	14	3	3	7	4	0	7	0	11.67%	21.43%	21.43%	21.43%
D1.30	12	2	0	0	1	1	0	1	0	16.67%	0.00%	0.00%	0.00%
Totals:	**160**	**30**	**5**	**10**	**15**	**5**	**0**	**12**	**0**	**18.75%**	**33.33%**	**33.33%**	**33.33%**

1. (D1.10 & D1.20 & D1.30) Unit 0 (Common) components are scheduled with and included in the Unit 1 counts.

(This report is used to verify that the periodic requirements of Tables IWx-2412-1 will be met by the interval schedule.)	**BYRON STATION UNIT 1 AND UNIT COMMON - 3RD INTERVAL ASME SECTION XI EXAMINATION STATUS REPORT**	(The percentage requirements of Tables IWx-2412-1 apply to the Category and were applied to each Item only when practical.)

Item No.	# of Comp	Total Selected	# Exams Completed Min	Per 1	Max	Min	Per 2	Max	Per 3	% Selected	% Exams Completed Period 1	Period 2	Period 3

2. (D1.10) Per Examination Category, Note 3, for multiple vessels of similar design, function, and service, the welded attachments of only one of the multiple vessels shall be selected for examination. Conservatively, an integral attachment of each type of welded attachment of one of multiple vessels will be examined.
3. (D1.20) Per Examination Category, Note 3, for welded attachments of piping, pumps, and valves, a 10% sample shall be selected for examination. This requirement is conservatively interpreted to mean that 10% of the total Class 3 welded attachments shall be examined. The interpretation is consistent with the previous NRC condition on the use of Code Case N-509.

Category D-B Non-Deferred Exams

D2.10	20	20	N/A	0	N/A	N/A	0	N/A	0	100.00%	0.00%	0.00%	0.00%
Totals:	**20**	**20**	**N/A**	**0**	**N/A**	**N/A**	**0**	**N/A**	**0**	**100.00%**	**0.00%**	**0.00%**	**0.00%**

1. (D2.10) "% Completed" exceeds 100% since Class 3 pressure tests are performed each inspection period.
2. (D2.10) Twenty components representing the twenty systems in Class 3 as reported in the ISI Program Plan.

Category F-A Non-Deferred Exams

F1.10	467	122	20	39	61	22	0	59	0	26.21%	31.97%	31.97%	31.97%
F1.20	598	99	16	32	49	18	0	44	0	16.58%	32.32%	32.32%	32.32%
F1.30	1007	103	17	34	51	18	0	43	0	10.23%	33.01%	33.01%	33.01%
F1.40	74	35	6	7	17	11	0	19	0	47.30%	20.00%	20.00%	20.00%
Totals:	**2146**	**359**	**58**	**112**	**179**	**68**	**0**	**166**	**0**	**16.73%**	**31.20%**	**31.20%**	**31.20%**

1. (F1.30 & F1.40) Unit 0 (Common) components are scheduled with and included in the Unit 1 counts.
2. (F1.40) Per Examination Category F-A, Note 3, for multiple components other than piping within a system of similar design, function, and service, the supports of only one of the multiple components are required to be examined.

Category R-A Non-Socket Welds

1	128	32	6	10	16	6	0	14	0	25.00%	31.25%	31.25%	31.25%
2	134	36	6	4	18	14	0	23	0	26.87%	11.11%	11.11%	11.11%
4	1400	146	24	47	73	26	0	62	0	10.43%	32.19%	32.19%	32.19%
5	65	10	2	0	5	5	0	7	0	15.38%	0.00%	0.00%	0.00%
Totals:	**1727**	**224**	**36**	**61**	**112**	**51**	**0**	**107**	**0**	**12.97%**	**27.23%**	**27.23%**	**27.23%**

1. (BER Welds) The # of Comp and # Selected include all BER welds which have been integrated into the RISI Program and are selected in accordance with the Risk Informed BER methodology.

(This report is used to verify that the periodic requirements of Tables IWx-2412-1 will be met by the interval schedule.)	BYRON STATION UNIT 1 AND UNIT COMMON - 3RD INTERVAL ASME SECTION XI EXAMINATION STATUS REPORT	(The percentage requirements of Tables IWx-2412-1 apply to the Category and were applied to each Item only when practical.)

Item No.	# of Comp	Total Selected	# Exams Completed Min	Per 1	Max	Min	Per 2	Max	Per 3	% Selected	% Exams Completed Period 1	Period 2	Period 3
Category R-A Socket Welds													
2	93	38	N/A	76	N/A	N/A	0	N/A	0	40.86%	200.00%	200.00%	200.00%
4	188	44	N/A	88	N/A	N/A	0	N/A	0	23.40%	200.00%	200.00%	200.00%
5	345	34	N/A	68	N/A	N/A	0	N/A	0	9.86%	200.00%	200.00%	200.00%
Totals:	**626**	**116**	**N/A**	**232**	**N/A**	**N/A**	**0**	**N/A**	**0**	**18.53%**	**200.00%**	**200.00%**	**200.00%**

1. Socket welds for Examination Category R-A piping structural elements are listed separately from butt welds because socket welds are selected for examination in "each" refueling outage. Including socket welds in the # of Comp, Total Selected, and # Selected fields with the butt welds would misrepresent the % completed distributions for the remainder of the Examination Category. The "% Completed" exceeds 100% since they are examined each outage per ASME Code Case N-578-1, Table 1, footnote 12.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. **Owner:** Exelon Generation Company,(EGC,LLC), 4300 Winfield Road, Warrenville, Illinois 60555
(Name and Address of Owner)

2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)

3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Auxiliary Feedwater System (AF)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1-AF-2-1	Hunter Corp.	N/A	N/A	N/A
1-AF-2-2	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 of 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.

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(Name and Address of Plant)

3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Auxiliary Feedwater System (AF)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1AF02EA-4/1AF06001R	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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(Name and Address of Plant)

3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Containment Spray System (CS)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1-CS-2-1	Hunter Corp.	N/A	N/A	N/A
1-CS-2-2	Hunter Corp.	N/A	N/A	N/A
1-CS-2-3	Hunter Corp.	N/A	N/A	N/A
1-CS-2-4	Hunter Corp.	N/A	N/A	N/A
1-CS-2-5	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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(Name and Address of Plant)

3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Containment Spray System (CS)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1CS02AA-10/1CS03003V	Hunter Corp.	N/A	N/A	N/A
1CS10AA-6/1CS03028X	Hunter Corp.	N/A	N/A	N/A
1CS10AA-6/1CS03089A	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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(Name and Address of Plant)

3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Chemical & Volume Control System (CV)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RC14AB-2/1CV15039-S1	Pacific Scientific	23835	NA	NA
1RC14AB-2/1CV15039-S2	Pacific Scientific	7345	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 of 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.

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(Name and Address of Plant)

3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (If required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Chemical & Volume Control System (CV)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1-CV-2-1	Hunter Corp.	N/A	N/A	N/A
1-CV-2-10	Hunter Corp.	N/A	N/A	N/A
1-CV-2-2	Hunter Corp.	N/A	N/A	N/A
1-CV-2-3	Hunter Corp.	N/A	N/A	N/A
1-CV-2-4	Hunter Corp.	N/A	N/A	N/A
1-CV-2-5	Hunter Corp.	N/A	N/A	N/A
1-CV-2-7	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 of 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.

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2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)

3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Chemical & Volume Control System (CV)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1CV08BA-4/1CV01002X	Hunter Corp.	N/A	N/A	N/A
1CVA3B-2/1CV16024X	Hunter Corp.	N/A	N/A	N/A
1CVA3B-2/1CV16083X	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 of 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.

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1. **Owner:** Exelon Generation Company,(EGC,LLC), 4300 Winfield Road, Warrenville, Illinois 60555
(Name and Address of Owner)

2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)

3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Chemical & Volume Control System (CV)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1CVA3AA-2/W-06	Hunter Corp.	1-CV-1-N5	NA	NA
1CVA3AA-2/W-07	Hunter Corp.	1-CV-1-N5	NA	NA
1CVA3B-2/W-74	Hunter Corp.	1-CV-1-N5	NA	NA
1CVA3B-2/W-75	Hunter Corp.	1-CV-1-N5	NA	NA
1CVA3B-2/W-76	Hunter Corp.	1-CV-1-N5	NA	NA
1CVA3B-2/W-77	Hunter Corp.	1-CV-1-N5	NA	NA
1CVA3B-2/W-84	Hunter Corp.	1-CV-1-N5	NA	NA
1CVA3B-2/W-85	Hunter Corp.	1-CV-1-N5	NA	NA
1CVA5AA-2/W-04	Hunter Corp.	1-CV-1-N5	NA	NA
1CVA5AA-2/W-05	Hunter Corp.	1-CV-1-N5	NA	NA
1CVA6AA-2/W-04	Hunter Corp.	1-CV-1-N5	NA	NA
1CVA6AA-2/W-05	Hunter Corp.	1-CV-1-N5	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. **Owner:** Exelon Generation Company,(EGC,LLC), 4300 Winfield Road, Warrenville, Illinois 60555
(Name and Address of Owner)

2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)

3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (If required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Chemical & Volume Control System (CV)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1CVA7AA-2/W-08	Hunter Corp.	1-CV-1-N5	NA	NA
1CVA7AA-2/W-09	Hunter Corp.	1-CV-1-N5	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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(Name and Address of Plant)

3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Chemical & Volume Control System (CV)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1CV15AC-3/4/1CV29003S	Pacific Scientific	1308	NA	NA
1CVA5AA-2/1CV15054S	Pacific Scientific	22192	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Fuel Pool Cooling System (AF)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1-FC-2-1	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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(Name and Address of Plant)

3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Feedwater System (FW)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1FW81AA-6/1AF06038R	Hunter Corp.	N/A	N/A	N/A
1FW81AA-6/1AF06039X	Hunter Corp.	N/A	N/A	N/A
1FW81BA-6/1AF06040V	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Feedwater System (FW)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.	
1FW03DA-16/C01.01	Hunter Corp.	1-FW-1-N5	NA	NA	1
1FW03DA-16/C01B	Hunter Corp.	1-FW-1-N5	NA	NA	1
1FW87CA-6/C08A	W. A. Pope Corp.	1-FW-1-N5	NA	NA	

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Main Steam System (MS)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1MS01AC-32.75 /1MS07006-S1	Pacific Scientific	10488	NA	NA
1MS01AC-32.75 /1MS07006-S2	Pacific Scientific	10489	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Main Steam System (MS)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1MS01BB-30-3/4/1PC-85A	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Process Sampling System (PS)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1-PS-2-1	Hunter Corp.	N/A	N/A	N/A
1-PS-2-2	Hunter Corp.	N/A	N/A	N/A
1-PS-2-3	Hunter Corp.	N/A	N/A	N/A
1-PS-2-4	Hunter Corp.	N/A	N/A	N/A
1-PS-2-5	Hunter Corp.	N/A	N/A	N/A
1-PS-2-6	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

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(Name and Address of Plant)

3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Reactor Coolant System (RC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1-RC-1-1	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Reactor Coolant System (RC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RC-01-BA/S	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Reactor Coolant System (RC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RC-01-PA/FLYWHEEL	Westinghouse Corp.	1-115E121-G01	NA	W25819
1RC-01-R/RPVS-A F-1	Westinghouse Corp.	640-0004-51	B-09061	N-198
1RC-01-R/RPVS-D F-1	Westinghouse Corp.	640-0004-51	B-09061	N-198
1RC-01-R/RPVS-E F-1	Westinghouse Corp.	640-0004-51	B-09061	N-198
1RC-01-R/RPVS-H F-1	Westinghouse Corp.	640-0004-51	B-09061	N-198
1RC13AA-2/W-01	Hunter Corp.	1-RC-1-N5	NA	NA
1RC13AA-2/W-02.01	W. A. Pope Corp.	1-RC-1-N5	NA	NA
1RC13AA-2/W-03	Hunter Corp.	1-RC-1-N5	NA	NA
1RC13AA-2/W-04	Hunter Corp.	1-RC-1-N5	NA	NA
1RC13AA-2/W-05	Hunter Corp.	1-RC-1-N5	NA	NA
1RC13AB-2/W-01	Hunter Corp.	1-RC-1-N5	NA	NA
1RC13AB-2/W-09	Hunter Corp.	1-RC-1-N5	NA	NA

Note (1): Baseline Examination

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3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Reactor Coolant System (RC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RC13AC-2/W-01	Hunter Corp.	1-RC-1-N5	NA	NA
1RC13AD-2/W-01	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AA-2/W-02	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AA-2/W-03	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AA-2/W-03A	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AA-2/W-03B	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AA-2/W-03C	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AA-2/W-04	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AA-2/W-05	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AA-2/W-06	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AA-2/W-07	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AA-2/W-08	Hunter Corp.	1-RC-1-N5	NA	NA

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7. **Components Inspected:** Reactor Coolant System (RC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RC14AA-2/W-09	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AA-2/W-10	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AA-2/W-11	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AA-2/W-12	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AA-2/W-13	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AB-2/W-07	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AB-2/W-08	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AB-2/W-09	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AB-2/W-10	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AB-2/W-11	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AC-2/W-08	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AD-2/W-08	Hunter Corp.	1-RC-1-N5	NA	NA

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5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Reactor Coolant System (RC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RC14AD-2/W-09	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AD-2/W-10	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AD-2/W-11	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AD-2/W-12	Hunter Corp.	1-RC-1-N5	NA	NA
1RC14AD-2/W-13	Hunter Corp.	1-RC-1-N5	NA	NA
1RC16AA-2/W-02	Hunter Corp.	1-RC-1-N5	NA	NA
1RC16AA-2/W-03	Hunter Corp.	1-RC-1-N5	NA	NA
1RC16AA-2/W-04	Hunter Corp.	1-RC-1-N5	NA	NA
1RC16AA-2/W-05	Hunter Corp.	1-RC-1-N5	NA	NA
1RC16AA-2/W-06	Hunter Corp.	1-RC-1-N5	NA	NA
1RC16AA-2/W-07	Hunter Corp.	1-RC-1-N5	NA	NA
1RC16AA-2/W-08	Hunter Corp.	1-RC-1-N5	NA	NA

Note (1): Baseline Examination

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5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Reactor Coolant System (RC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RC16AB-2/W-02	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-01	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-02	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-03	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-04	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-05	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-06	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-07	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-08	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-09	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-10	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-11	Hunter Corp.	1-RC-1-N5	NA	NA

Note (1): Baseline Examination

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7. **Components Inspected:** Reactor Coolant System (RC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RC22AA-1.5/W-12	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-13.01	NPSW Venture Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-14.01	NPSW Venture Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-15.01	NPSW Venture Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-16.01	NPSW Venture Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-17	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-18	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-19	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-20	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-21	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-22	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-23	Hunter Corp.	1-RC-1-N5	NA	NA

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2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)

3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Reactor Coolant System (RC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RC22AA-1.5/W-24	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-25	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-26	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-27	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-28	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-29	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-30	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-31	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-32	Hunter Corp.	1-RC-1-N5	NA	NA
1RC22AA-1.5/W-33	Hunter Corp.	1-RC-1-N5	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

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(Name and Address of Plant)

3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Reactor Coolant System (RC)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RC01BA-1A/1RC06S	Paul Munroe	PD-1423-333	NA	NA
1RC01BA-1A/1RC07S	Paul Munroe	PD-1423-322	NA	NA
1RC01BB-1B/1RC08S	Paul Munroe	PD-1423-329	NA	NA
1RC01BB-1B/1RC09S	Paul Munroe	PD-1423-327	NA	NA
1RC01BC-1C/1RC10S	Paul Munroe	PD-1423-334	NA	NA
1RC01BC-1C/1RC11S	Paul Munroe	PD-1423-331	NA	NA
1RC01BD-1D/1RC12S	Paul Munroe	PD-1423-321	NA	NA
1RC01BD-1D/1RC13S	Paul Munroe	PD-1423-318	NA	NA
1RC14AB-2/1CV15053S	Pacific Scientific	2193	NA	NA
1RC20AB-3/4/1RC17012S	Pacific Scientific	14748	NA	NA
1RC22AB-1.5/1RC17015S	Pacific Scientific	20437	NA	NA
1RC22AB-1.5/1RC17028S	Pacific Scientific	5666	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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(Name and Address of Plant)

3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Residual Heat Removal System (RH)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1-RH-2-1	Hunter Corp.	N/A	N/A	N/A
1-RH-2-2	Hunter Corp.	N/A	N/A	N/A
1-RH-2-3	Hunter Corp.	N/A	N/A	N/A
1-RH-2-6	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)

3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Residual Heat Removal System (RH)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RH-01-PA/L1	Hunter Corp.	N/A	N/A	N/A
1RH-01-PA/L2	Hunter Corp.	N/A	N/A	N/A
1RH-01-PA/L3	Hunter Corp.	N/A	N/A	N/A
1RH02AA-8/1RH07016V	Hunter Corp.	N/A	N/A	N/A
1RH-02-AB/SKT	Hunter Corp.	N/A	N/A	N/A
1RH03AA-8/1RH01003X	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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(Name and Address of Plant)

3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Residual Heat Removal System (RH)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RH01AA-12/1RH02054S	Pacific Scientific	9629	NA	NA
1RH02AB-8/1RH08015S	Pacific Scientific	9892	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Reactor Pressure Vessel (RPV)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RC-01-R/N01-N18	Westinghouse Corp.	640-0004-52	B-09061	N-198
1RC-01-R/S01-S18	Westinghouse Corp.	640-0004-52	B-09061	N-198
1RC-01-R/W01-W18	Westinghouse Corp.	640-0004-52	B-09061	N-198

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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(Name and Address of Plant)

3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Reactor Pressure Vessel (RPV)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RC-01-R/RPV INTERIOR	Westinghouse Corp.	640-0004-51	B-09061	N-198

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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(Name and Address of Plant)

3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (If required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Reactor Coolant System (RY)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.	
1RY03BC-6/FLG 1-12	Hunter Corp.	1-RY-1-N5	NA	NA	1
1RY76A-2/FLG 1-8	Hunter Corp.	1-RY-1-N5	NA	NA	1

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Reactor Coolant System (RY)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1-RY-2-1	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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(Name and Address of Plant)

3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Reactor Coolant System (RY)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RY-01-S/SKT	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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(Name and Address of Plant)

3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (If required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Reactor Coolant System (RY)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RY18A-2/W-05A	Hunter Corp.	1-RC-1-N5	NA	NA
1RY18A-2/W-06	Hunter Corp.	1-RC-1-N5	NA	NA
1RY18A-2/W-07	Hunter Corp.	1-RC-1-N5	NA	NA
1RY18A-2/W-08	Hunter Corp.	1-RC-1-N5	NA	NA
1RY18A-2/W-09	Hunter Corp.	1-RC-1-N5	NA	NA
1RY18A-2/W-10	Hunter Corp.	1-RC-1-N5	NA	NA

Note (1): Baseline Examination

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3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Reactor Coolant System (RY)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RY01AA-4/1RY06066S	Pacific Scientific	20685	NA	NA
1RY01B-6/1RY06022S	Pacific Scientific	10163	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Steam Generator (SG)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.	
1RC-01-BA/FLG SURF-CL	Babcock & Wilcox Industries	7722-02	ILU-242904	165	
1RC-01-BA/FLG SURF-HL	Babcock & Wilcox Industries	7722-02	ILU-242904	165	
1RC-01-BA/STUDS-CL 01-20	Babcock & Wilcox Industries	7722-02	ILU-242904	165	1
1RC-01-BA/STUDS-HL 01-20	Babcock & Wilcox Industries	7722-02	ILU-242904	165	1
1RC-01-BB/FLG SURF-CL	Babcock & Wilcox Industries	7722-03	ILU-242903	166	
1RC-01-BB/FLG SURF-HL	Babcock & Wilcox Industries	7722-03	ILU-242903	166	
1RC-01-BC/FLG SURF-CL	Babcock & Wilcox Industries	7722-01	ILU-242902	164	
1RC-01-BC/FLG SURF-HL	Babcock & Wilcox Industries	7722-01	ILU-242902	164	
1RC-01-BC/STUDS-CL 01-20	Babcock & Wilcox Industries	7722-01	ILU-242902	164	1
1RC-01-BC/STUDS-HL 01-20	Babcock & Wilcox Industries	7722-01	ILU-242902	164	1
1RC-01-BD/FLG SURF-CL	Babcock & Wilcox Industries	7722-04	ILU-242901	167	
1RC-01-BD/FLG SURF-HL	Babcock & Wilcox Industries	7722-04	ILU-242901	167	

Note (1): Baseline Examination

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(Name and Address of Plant)

3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Steam Generator (SG)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1RC-01-BB/N-3-NIR	Babcock & Wilcox Industries	7722-03	ILU-242903	166

Note (1): Baseline Examination

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3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Safety Injection System (SI)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1SI08JA-1.5/FLG 1-4	Hunter Corp.	1-SI-1-N5	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Safety Injection System (SI)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1-SI-2-1	Hunter Corp.	N/A	N/A	N/A
1-SI-2-2	Hunter Corp.	N/A	N/A	N/A
1-SI-2-3	Hunter Corp.	N/A	N/A	N/A
1-SI-2-4	Hunter Corp.	N/A	N/A	N/A
1-SI-2-6	Hunter Corp.	N/A	N/A	N/A
1-SI-2-7	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

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7. **Components Inspected:** Safety Injection System (SI)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1SI04B-12/1RH02029X	Hunter Corp.	N/A	N/A	N/A
1SI04C-8/1RH02026X	Hunter Corp.	N/A	N/A	N/A
1SI04D-8/1RH02022X	Hunter Corp.	N/A	N/A	N/A
1SI05BA-8/1PC-50A	Hunter Corp.	N/A	N/A	N/A
1SI08CA-4/1SI07008X	Hunter Corp.	N/A	N/A	N/A
1SI08JA-1-1/2/1SI-CP1A	Hunter Corp.	N/A	N/A	N/A
1SI09BA-10/1SI01001V	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

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3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Safety Injection System (SI)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1SI03DA-2/W-09	Hunter Corp.	1-SI-1-N5	NA	NA
1SI05BA-8/C01A	Hunter Corp.	1-SI-1-N5	NA	NA
1SI06BA-24/C02A	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08GC-1.5/W-01	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08GC-1.5/W-02	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08GC-1.5/W-03	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08GC-1.5/W-04	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08GC-1.5/W-05	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08HA-2/W-01	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08HA-2/W-02	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08HA-2/W-03	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08HA-2/W-04	Hunter Corp.	1-SI-1-N5	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 of 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-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. **Owner:** Exelon Generation Company,(EGC,LLC), 4300 Winfield Road, Warrenville, Illinois 60555
(Name and Address of Owner)

2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)

3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Safety Injection System (SI)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1SI08JA-1.5/W-06	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08JA-1.5/W-07	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08JA-1.5/W-08	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08JA-1.5/W-09	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08JA-1.5/W-10	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08JA-1.5/W-11	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08JA-1.5/W-12	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08JA-1.5/W-13	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08JA-1.5/W-14	Hunter Corp.	1-SI-1-N5	NA	NA
1SI08JA-1.5/W-15	Hunter Corp.	1-SI-1-N5	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

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As Required by the Provisions of the ASME Code Rules

1. **Owner:** Exelon Generation Company,(EGC,LLC), 4300 Winfield Road, Warrenville, Illinois 60555
(Name and Address of Owner)

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(Name and Address of Plant)

3. **Plant Unit:** 1 4. **Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 6. **National Board Number for Unit:** N-198

7. **Components Inspected:** Safety Injection System (SI)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1SI05CA-8/1SI02003S	Pacific Scientific	6923	NA	NA

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 of 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-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. **Owner:** Exelon Generation Company,(EGC,LLC), 4300 Winfield Road, Warrenville, Illinois 60555
(Name and Address of Owner)

2. **Plant:** Byron Nuclear Power Station, 4450 North German Church Road, Byron, Illinois 61010
(Name and Address of Plant)

3. **Plant Unit:** 1 **4. Owner Certificate Of Authorization (if required):** N/A

5. **Commercial Service Date:** 09/16/85 **6. National Board Number for Unit:** N-198

7. **Components Inspected:** Essential Service Water System (SX)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
1SX08BC-10/1SX06018X	Hunter Corp.	N/A	N/A	N/A
1SX08BC-10/1SX06020X	Hunter Corp.	N/A	N/A	N/A

Note (1): Baseline Examination

Note (2): Snubber examined as a Component Support

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 of 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-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

8. **Examination Dates:** 10/16/06 to 04/14/08
9. **Inspection Period Identification:** First Inspection Period
10. **Inspection Interval Identification:** Third Inspection Interval
11. **Applicable Edition of Section XI:** 2001 **Addenda** 2003
12. **Date / Revision of Inspection Plan:** 02/01/08 / Rev. 2
13. **Abstract of Examinations and Test. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan.**
    Refer to the Outage Summary Report and ISI Program Plan
14. **Abstract of Results of Examinations and Tests.**
    Refer to the Outage Summary Report
15. **Abstract of Corrective Measures.**
    Refer to the Outage Summary Report

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

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

Date: 07/09/08 Signed for: Exelon Generation Company

By: Robert McBride

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 **10/16/06** to **04/14/08**, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the 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, tests, and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Inspectors Signature

Commissions: ILL-1254 Date: July 9, 20 08

National Board, State, Province, and Endorsements