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P.O. Box 767, Chicago, IL 60690

Dresden Nuclear Power Station
6500 N. Dresden Road, Morris, IL 60450

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Section I

Introduction

The sixteenth Inservice Inspection (ISI) of Dresden Unit 2 was performed during the D2R16 outage, which began on October 1, 1999 and was completed on October 26, 1999. D2R16 is the first of two refuel outages scheduled in the third inspection period of the unit's 3rd 10-year ISI Inspection Interval, which commenced on March 1, 1992. The third period commenced on October 1, 1999 for all Categories except C-B and C-C, and is currently scheduled to end on February 28, 2002 (the original scheduled end date of the third interval). The populations of Categories C-B and C-C components were increased due to the incorporation of the ECCS ring header as part of the IWE program. Per the current schedule, the end of the second period for Categories C-B and C-C can be extended out to January 19, 2001. Category C-B and C-C examinations are currently scheduled for April of this year.

In addition to the examinations performed during D2R16, this report contains any on-line inspections performed between July 16, 1998 and January 10, 2000 (coded as D2O15). This report also contains any examinations that were not included in the previous Unit 2 Summary Report (prepared July 15, 1998).

General Electric was contracted to perform the non-destructive examinations and reactor vessel visual examinations during the refuel outage. The Dresden Engineering Programs Group performed the remaining visual examinations during D2R16. ComEd personnel from the System Materials Analysis Department (SMAD) and Dresden Engineering Programs Group personnel performed all of the D2O15 examinations.

Hartford Steam Boiler Inspection and Insurance Company (HSB) provided the Authorized Nuclear Inservice Inspector's (ANII) services. The ANII reviewed procedures, personnel qualifications, instrument and material certifications, and examination results. The ANII only reviewed data associated with ASME Section XI examinations. The ANII did not review Generic Letter 88-01 examination data when examinations were performed strictly for Generic Letter 88-01 credit.

Dresden Station notified the NRC in writing (JMHLTR #99-0084, dated August 6, 1999) that examination of thirty-six (36) of thirty-eight (38) weld overlays was being deferred in accordance with J.R. Strosnider (NRC) letter to C. Terry, BWRVIP Chairman dated June 17, 1999. As stated in JMHLTR #99-0084, examination of the thirty-six (36) overlays is being deferred until March 2001 or until the completion of the NRC staff review and approval of the proposed EPRI Report is completed, whichever comes first. All other IGSCC examinations were performed in accordance with the schedule listed in Generic Letter 88-01.

All examinations were performed in accordance with the Unit 2 Technical Specifications; the ASME Boiler and Pressure Vessel Code, Section XI, 1989 Edition and 1992 Edition with 1992 Addenda; Generic Letter 88-01; and Boiling Water Reactor Vessel and Internals Project (BWRVIP) documents BWRVIP-07, BWRVIP-18, BWRVIP-26, BWRVIP-38, BWRVIP-41, and BWRVIP-63.

A list of abbreviations used throughout this report can be found in Section IV of this report.

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

1. Owner: Commonwealth Edison, One First National Plaza, P.O. Box 767, Chicago, IL 60690-0767

2. Plant: Dresden Nuclear Power Station, 6500 N. Dresden Road, Morris, IL 60450

3. Plant Unit: Two **4. Owner Certificate of Authorization:** N/A

5. Commercial Service Date: 6/9/72 **6. National Board Number of Unit:** N-137

7. Components Inspected: See Section II of attached report (entire summary report is 79 pages).

Component or Appurtenance	Component Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province Number	National Board Number
Reactor Vessel	Babcock & Wilcox, Barberton, Ohio	610-0098-51-52	B0082800	N-137
Class 1 & 2 Systems	General Electric-APED Morris, IL	N/A	N/A	N/A

8. Examination Dates: 7/16/1998 to 1/11/2000

9. Inspection Period Identification: Second Inspection Period - From 1/20/1996 to 10/1/1999 except Categories C-B and C-C where period ends on 1/19/2001

10. Inspection Interval Identification: Third Inspection Interval - From 3/1/92 to 2/28/02

11. Applicable Edition of Section XI 1989 Edition with No Addenda and 1992 Edition with 1992 Addenda

12. Date/Revision of Inspection Plan: 10/17/94 - Revision 4

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan.

See Report Sections II and III

14. Abstract of Results of Examinations and Tests.

See Report Sections II and III

15. Abstract of Corrective Measures.

See Report Sections III and V

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: 1-17 2000 **Signed For:** Commonwealth Edison Company

By: Brendan J. Casey Dresden Station Inservice Inspection Coordinator

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 HSBI & I Co. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period from 7/16/98 to 1/11/00, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

Scott T. Carney
Inspector's Signature

Commissions: NB7742NISB, IL932 Date: 1-20-2000

National Board, State, Province, and Endorsements

Section II
Scope of Inspection

Abstract of Examinations

ISI and Augmented Examinations

Table A contains a list of components examined prior to and during and after the D2R16 refuel outage, to satisfy the requirements of the Unit 2 Technical Specifications, ASME Section XI (1989 Edition and 1992 Edition with 1992 Addenda), and Generic Letter 88-01. Dresden Station deferred 36 of 38 scheduled weld overlay examinations. Those items which were examined and required no further evaluation are identified as "Acceptable" under the results column. Those items that required further evaluation are identified with "Section III" in the results column and are further discussed in Section III of this report.

Snubber Examinations (Technical Specification 3/4.8.F)

All Section XI Class 1, 2 and 3 and safety-related snubbers are visually (VT-3/4) examined in accordance with Dresden Station Technical Specification 3/4.8.F. A sample population of snubbers are functionally tested every outage. Table A includes all the snubbers functionally tested during D2R16. Snubbers that required further evaluation are identified with "Section III" in the results column and are further discussed in Section III of this report.

Summary of Vessel Interior Examinations

Attachment A contains a summary of examinations performed to satisfy the requirements of ASME Section XI categories B-N-1, B-N-2, and various special examination requirements. Details of the examinations, results, and corrective measures are included.

Current Interval Status

As of this date, the following percentages required for Class 1 examinations under Inspection Program B have been completed: Categories B-D (71% complete), B-F (82%), B-G-2 (100%) and B-J (78%). The percentages complete for Class 2 examinations are: C-A (50%), C-B (23%), C-C (29%), C-F-1 (64%) and C-F-2 (60%). The percentage completed for Class 3 examination Category D-B is 56%. For Category F-A, the percentage completed is 73%. The second period is complete for all categories except C-B and C-C. The population of Categories C-B and C-C increased due to addition of the ECCS ring header into the ISI program as a result of the IWE Program. For Categories C-B and C-C, the remaining examinations are scheduled to be completed prior to the end of the second period which is currently scheduled to end on January 19, 2001.

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Section II
Scope of Inspection

ISI and Augmented Examinations
Table A

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BD	B3.100	N/A	RPV	RPV LWR HD	N12-1	NIR	VT-2	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N1B-1	NIR	UT	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N20B-1	NIR	UT	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N2G-1	NIR	UT	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N2H-1	NIR	UT	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N2J-1	NIR	UT	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N2K-1	NIR	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N1B-2	RPV-NOZ	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N20B-2	RPV-NOZ	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N2G-2	NOZ-RPV	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N2H-2	NOZ-RPV	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N2J-2	NOZ-RPV	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N2K-2	NOZ-RPV	UT	XI	Acceptable
BE	B4.11	N/A	RPV	RPV LWR HD	N7-2	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.11	N/A	RPV	RPV SHELL	N13A-2	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.11	N/A	RPV	RPV SHELL	N13B-2	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.11	N/A	RPV	RPV SHELL	N16A-2	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.11	N/A	RPV	RPV SHELL	N16B-2	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	A11-0243-1	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	A5-0219-1	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	CRD NOZ (177)	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	E1-1803-1	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	E15-1859-1	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	L1-4203-1	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	L15-4259-1	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	R11-5843-1	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	R5-5819-1	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.13	N/A	RPV	RPV LWR HD	INSTR NOZ (71)	RPV-NOZ	VT-2	XI	Acceptable
BF	B5.10	GL88-01 D	JPIA	JPIA	N20A-3	NOZ-SE	UT	88	Acceptable
BF	B5.10	GL88-01 C	JPIB	JPIB	N20B-3	NOZ-SE	PT	XI	Acceptable
							UT	XI88	
BF	B5.10	GL88-01 D	RHS	0304-6	N18A-3	SE-NOZ	PT	XI	Acceptable
							UT	XI88	
BF	B5.10	GL88-01 D	RRAD	0201K-12	N2C-3	SE-NOZ	UT	88	Acceptable
BF	B5.10	GL88-01 D	RRBD	0201C-12	N2F-3	SE-NOZ	UT	88	Acceptable

Section II
Scope of Inspection

ISI and Augmented Examinations
Table A

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BF	B5.10	GL88-01 D	RRBD	0201E-12	N2H-3	SE-NOZ	PT	XI	Acceptable
							UT	XI88	
BF	B5.10	GL88-01 C	RRBD	0201F-12	N2J-3	SE-NOZ	PT	XI	Acceptable
							UT	XI88	
BF	B5.10	GL88-01 C	RRBD	0201G-12	N2K-3	SE-NOZ	PT	XI	Acceptable
							UT	XI88	
BF	B5.10	GL88-01 D	RRBS	0202B-28	N1B-3	NOZ-SE	PT	XI	Acceptable
							UT	XI88	
BF	B5.130	GL88-01 D	RHV	0215-4	4-1	FLG-P	PT	XI	Acceptable
							UT	XI88	
BG1	B6.20	N/A	RPV	RPV UPP HD	HD STUDS IN PLC (92)	FLGBLT	UT	OR	Acceptable
BG2	B7.50	N/A	ISCOCR	1303-4	12-14-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RHS	0304-2.5	2-205-27-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RHS	0304-6	HS2.5-1-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RHSP	RH SPARE	6B-1-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RRAD	0203A-3	SPM-45-27-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RRBD	0203B-3	SPM-45-27-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RRBS	0202B-28	3-2-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RVBD	0207-2	2-20-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.80	N/A	RPV	RPV LWR HD	CRD BLT/STD/NUT	FLGBLT	VT-1		Acceptable
BJ	B9.11	GL88-01 C	ISCOCR	1303-12	12-10	VLV-EL	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 C	ISCOCR	1303-12	12-7B	P-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	ISCOCR	1303-12	12-8	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	ISCOCR	1303-12	12-9	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 C	ISCOCR	1303-12	12-K1	EL-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 C	ISCOCR	1303-12	12-K3	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	ISCOCR	1303-12	12-K3A	P-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	ISCOSS	1302-14	14-2	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 D	ISCOSS	1302-14	14-5	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	ISCOSS	1302-14	14-5A	P-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	ISCOSS	1302-14	14-K1	SE-EL	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 C	ISCOSS	1302-14	14-K2	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	ISCOSS	1302-14	14-K4	EL-P	UT	88	Acceptable

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Section II
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ISI and Augmented Examinations
Table A

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BJ	B9.11	GL88-01 D	JPIA	JPIA	N20A-4	SE-RED	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 D	JPIA	JPIA	N20A-5	RED-RED	UT	88	Acceptable
BJ	B9.11	GL88-01 D	JPIA	JPIA	N20A-6	RED-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	JPIA	JPIA	N20A-7	P-CAP	UT	88	Acceptable
BJ	B9.11	GL88-01 C	JPIB	JPIB	N20B-4	SE-RED	UT	88	Acceptable
BJ	B9.11	GL88-01 C	JPIB	JPIB	N20B-5	RED-RED	UT	88	Acceptable
BJ	B9.11	GL88-01 C	JPIB	JPIB	N20B-6	RED-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 C	JPIB	JPIB	N20B-7	P-CAP	UT	88	Acceptable
BJ	B9.11	GL88-01 D	LPCIAD	1506-16	16-10	EL-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIAD	1506-16	16-12	EL-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 D	LPCIAD	1506-16	16-K5	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIAD	1506-16	16-K8	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIAD	1506-16	16-K9	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIBD	1519-16	16-10	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 D	LPCIBD	1519-16	16-8	EL-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 D	LPCIBD	1519-16	16-9	VLV-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	LPCIBD	1519-16	16-K3A	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIBD	1519-16	16-K4	P-EL	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 C	LPCIBD	1519-16	16-K5	EL-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIBD	1519-16	16-K6	EL-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 C	LPCIBD	1519-16	16-K7	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIBD	1519-16	16-K8	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RHS	0304-6	6A-1	FLG-SE	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 D	RRAD	0201A-22	0202-6A/L3	VLV-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201A-22	L1/L2	CRO-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201A-22	L2-D17	CRO-RED	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201A-22	L2/202-6A	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201A-28	202-5A/PD1A	VLV-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 F	RRAD	0201A-28	PD1A-D14	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201A-28	PD1A-D15	P-TEE	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201A-28	PD1A/L2	TEE-CRO	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201A-28	PD1B/202-1A	PMP-P	UT	88	Acceptable

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Section II
Scope of Inspection

ISI and Augmented Examinations
Table A

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BJ	B9.11	GL88-01 D	RRAD	0201H-12	PD4/L1	SWP-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201J-12	PD5/L1	SWP-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201K-12	PD6/201-1	P-SE	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201K-12	PD6/L1	SWP-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRAD	0201M-12	PD19/201-1	P-SE	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201M-12	PD19/L2	SWP-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAS	0202A-28	202-4A/PS1A	VLV-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAS	0202A-28	PS1-2-D1	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRAS	0202A-28	PS1-2/201-1	SE-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 D	RRAS	0202A-28	PS1-2A/202-4A	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAS	0202A-28	PS1A/202-1A	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201B-22	L4/202-6B	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201B-22	L5-D6	CRO-RED	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201B-22	L5-D6A	CRO-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201B-22	L5/L4	CRO-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRBD	0201B-28	202-5B/PD1C	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201B-28	202-5B/PD1D	VLV-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRBD	0201B-28	PD1C/202-1B	PMP-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 C	RRBD	0201B-28	PD1D-D11	EL-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 D	RRBD	0201B-28	PD1D/L5	TEE-CRO	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201C-12	PD7/201-1	P-SE	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201D-12	PD8/L4	SWP-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201E-12	PD9/201-1	P-SE	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201E-12	PD9/L4	SWP-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRBD	0201F-12	PD2/201-1	P-SE	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201F-12	PD2/L5	RED-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRBD	0201G-12	PD3/201-1	P-SE	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201G-12	PD3/L5	SWP-P	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRBS	0202B-28	202-1B-D4	EL-PMP	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBS	0202B-28	202-4B/PS2A	VLV-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRBS	0202B-28	PS1/PS2-TEE	P-TEE	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRBS	0202B-28	PS2-D1	EL-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 F	RRBS	0202B-28	PS2-TEE/202-4B	TEE-VLV	UT	88	Acceptable

Section II
Scope of Inspection

ISI and Augmented Examinations
Table A

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BJ	B9.11	GL88-01 D	RRBS	0202B-28	PS2/201-1	SE-EL	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 D	RRBS	0202B-28	PS2A-D2	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBS	0202B-28	PS2A-D3	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRBS	0202B-28	PS2A/202-1B	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 A	RWCU	1201-8	8-7-A	TEE-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 A	RWCU	1202-8	8-5-A	TEE-EL	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 D	SDC	1001A-16	16-10(A)	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 D	SDC	1001A-16	16-11	TEE-P	UT	88	Acceptable
BJ	B9.11	N/A	SDC	1001A-16	16-K5	EL-P	MT	XI	Acceptable
							UT	XI	
BJ	B9.11	GL88-01 D	SDC	1001B-16	16-10(A)	P-VLV	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	N/A	SDC	1001B-16	16-12A	P-EL	MT	XI	Acceptable
							UT	XI	
BJ	B9.11	GL88-01 D	SDC	1001B-16	16-9	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	SDC	1001B-16	16-K6	EL-EL	UT	88	Acceptable
BJ	B9.31	GL88-01 D	RRAD	0201A-28	4X-1	P-SWP	UT	88	Acceptable
BJ	B9.31	GL88-01 D	RRAD	0201A-28	4X-2	TEE-SWP	PT	XI	Acceptable
							UT	XI88	
BJ	B9.31	GL88-01 D	RRBD	0201B-28	4X-3	P-SWP	UT	88	Acceptable
BJ	B9.31	GL88-01 D	RRBD	0201B-28	4X-4	P-SWP	UT	88	Acceptable
BJ	B9.31	GL88-01 G	SDC	1001A-16	6-2	BPC	PT	XI	Acceptable
BJ	B9.32	N/A	RRAD	0202-6A-2	0202-6A/B15	BPC	PT	XI	Acceptable
BJ	B9.32	N/A	RWCU	1201-8	2-1(A)	P-SWP	PT	XI	Acceptable
BJ	B9.32	N/A	RWCU	1201-8	2-12(A)	SWP-P	PT	XI	Acceptable
BJ	B9.40	N/A	RRAD	0202-6A-2	0202-6A/B12	SWE-P	PT	XI	Acceptable
BJ	B9.40	N/A	RRAD	0202-6A-2	0202-6A/B4	SWE-P	PT	XI	Acceptable
BJ	B9.40	N/A	RRAD	0202-6A-2	0202-6A/B8	SWE-P	PT	XI	Acceptable
BJ	B9.40	N/A	RVBD	0207-2	2-10(A)	P-SWT	PT	XI	Acceptable
BJ	B9.40	N/A	RVBD	0207-2	2-11(A)	SWT-P	PT	XI	Acceptable
BJ	B9.40	N/A	RVBD	0207-2	2-13(A)	SWT-P	PT	XI	Acceptable
BJ	B9.40	N/A	RVBD	1265-2	2-1(A)	SWT-P	PT	XI	Acceptable
BJ	B9.40	N/A	SBLC	1102-1.5	SLC1.5-21	SWE-P	PT	XI	Acceptable
BJ	B9.40	N/A	SBLC	1102-1.5	SLC1.5-22	P-SWE	PT	XI	Acceptable

Section II
Scope of Inspection

ISI and Augmented Examinations
Table A

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BM2	B12.50	N/A	SDC	1001B-16	MO-2-1001-1B	VLV	VT-3/4		Acceptable
BN1	B13.10	N/A	RPV	RPV SHELL	VESSEL INT	RPV	VT-3/4	XIOR	Acceptable
BN2	B13.20	N/A	RPV	RPV SHELL	IN-BELTLINE ATT	IWA	EVT-1	XIOR	Acceptable
BN2	B13.30	N/A	RPV	RPV SHELL	OUT-BELTLINE AT	IWA	EVT-1	XIOR	Acceptable
BN2	B13.40	N/A	RPV	RPV SHELL	CORE SUPPORT	IWA	EVT-1	XIOR	Acceptable
BO	B14.10	N/A	RPV	RPV LWR HD	B4-0615-3	P-FLG	PT	XI	Acceptable
BO	B14.10	N/A	RPV	RPV LWR HD	H1-3003-3	P-FLG	PT	XI	Acceptable
BO	B14.10	N/A	RPV	RPV LWR HD	K15-3859-3	P-FLG	PT	XI	Acceptable
BO	B14.10	N/A	RPV	RPV LWR HD	R8-5831-3	P-FLG	PT	XI	Acceptable
BP	B15.XX	N/A	RC	TEST BLOCK	2RC01	N/A	VT-2	XI	See Section III
BP	B15.XX	N/A	SC	TEST BLOCK	2SC01	N/A	VT-2	XI	Acceptable
CA	C1.30	N/A	LPCIHX	HTEX 2B-1503	2-1503B-1	TBSHT-SHL	MT	XI	Acceptable
							VT-2	XI	
CB	C2.31	N/A	LPCIHX	1508-18	2-1503B-N3-1A	SDL-SHL	MT	XI	Acceptable
CB	C2.31	N/A	LPCIHX	1508-18	2-1503B-N3-1B	NOZ-SDL	MT	XI	Acceptable
CB	C2.33	N/A	ECCS	1501-20	20-11	NOZ-SHL	VT-2	XI	Acceptable
CB	C2.33	N/A	ECCS	1501-20	20-5	NOZ-SHL	VT-2	XI	Acceptable
CB	C2.33	N/A	ECCS	1501-20	20-7	NOZ-SHL	VT-2	XI	Acceptable
CB	C2.33	N/A	ECCS	1501-20	20-9	NOZ-SHL	VT-2	XI	Acceptable
CB	C2.33	N/A	LPCIHX	1508-18	2-1503B-N3-1	NOZ-SHL	VT-2	XI	Acceptable
							VT-2	XI	Acceptable
CB	C2.33	N/A	LPCIHX	1508-18	2-1503B-N3-1	NOZ-SHL	VT-2	XI	Acceptable
							VT-2	XI	Acceptable
CB	C2.33	N/A	LPCIHX	1509-18	2-1503B-N4-1	SHL-NOZ	VT-2	XI	Acceptable
CC	C3.20	N/A	CRDSD	0318A-20	M-1152D-1201	IWA	MT	XI	Acceptable
CC	C3.20	N/A	CSBD	1404-12	M-3209-20	IWA	MT	XI	Acceptable
CC	C3.20	N/A	CSBD	1404-12	M-3209-26	IWA	MT	XI	Acceptable
CC	C3.20	N/A	CSBS	1402-16	M-3204-12	IWA	MT	XI	Acceptable
CC	C3.20	N/A	CSBS	1402-16	M-3204-13	IWA	MT	XI	Acceptable
CC	C3.20	N/A	HPCIPD	2304-14	M-1151D-155	IWA	MT	XI	Acceptable
CC	C3.20	N/A	HPCIPD	2304-14	M-1151D-269	IWA	MT	XI	Acceptable

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ISI and Augmented Examinations
Table A

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
CC	C3.20	N/A	HPCITE	2306-24	M-3212-08	IWA	MT	XI	Acceptable
CC	C3.20	N/A	ISCOCR	1303-12	M-1163D-254	IWA	PT	XI	Acceptable
CC	C3.20	N/A	LPCIAD	1506-18	M-3213-08	IWA	MT	XI	Acceptable
CC	C3.20	N/A	LPCIBD	1519-18	M-3214-20	IWA	MT	XI	Acceptable
CC	C3.20	N/A	LPCIBS	1507-24	M-3204-08	IWA	MT	XI	Acceptable
CF1	C5.11	GL88-01 D	ISCOSS	1302A-12	12-8	SE-NOZ	UT	88	Acceptable
CF1	C5.11	GL88-01 D	ISCOSS	1302B-12	12-7	SE-NOZ	UT	88	Acceptable
CF2	C5.51	N/A	CSAD	1403-12	12-23	P-EL	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	CSAD	1403-12	12-29	EL-P	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	CSBD	1404-12	12-32	P-EL	MT	XI	See Section III
							UT	XI	
CF2	C5.51	N/A	HPCIPD	2304-14	14-15	EL-P	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	HPCIPD	2304-14	14-3	EL-P	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	HPCIPD	2304-14	14-31	P-EL	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	HPCIPD	2304-14	14-7	REDEL-P	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	HPCIPS	2302-16	16-19	TEE-P	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	HPCIPS	2302-16	16-9	EL-EL	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	HPCITE	2306-24	24-11	EL-EL	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	HPCITE	2306-24	24-19	P-EL	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	LPCIAD	1506-18	18-10	P-EL	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	LPCIAD	1506-18	18-3.1	EL-EL	MT	XI	See Section III
							UT	XI	
CF2	C5.51	N/A	LPCIBD	1508-18	18-3.1	EL-P	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	LPCIBD	1509-18	18-15	P-EL	MT	XI	Acceptable
							UT	XI	

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Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
CF2	C5.51	N/A	LPCIBS	1507-24	24-3	P-EL	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	LPCITR	1522-14	14-8	EL-P	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	LPCIX	1531-18	18-16	EL-VLV	MT	XI	Acceptable
							UT	XI	
CF2	C5.81	N/A	CSBD	1404-12	12-25	BPC	MT	XI	Acceptable
							VT-2	XI	
CF2	C5.81	N/A	LPCIBS	1507-24	24-10	BPC	MT	XI	Acceptable
							VT-2	XI	
CH	C7.XX	N/A	CS	TEST BLOCK	2CS01	N/A	VT-2	XI	Acceptable
CH	C7.XX	N/A	EC	TEST BLOCK	2EC01	N/A	VT-2	XI	Acceptable
CH	C7.XX	N/A	EC	TEST BLOCK	2EC02	N/A	VT-2	XI	Acceptable
CH	C7.XX	N/A	HP	TEST BLOCK	2HP01	N/A	VT-2	XI	Acceptable
							VT-2	XI	
CH	C7.XX	N/A	HP	TEST BLOCK	2HP02	N/A	VT-2	XI	Acceptable
CH	C7.XX	N/A	LP	TEST BLOCK	2LP01	N/A	VT-2	XI	Acceptable
CH	C7.XX	N/A	NB	TEST BLOCK	2NB01	N/A	VT-2	XI	Acceptable
CH	C7.XX	N/A	RC	TEST BLOCK	2RC01	N/A	VT-2	XI	See Section III
CH	C7.XX	N/A	SC	TEST BLOCK	2SC01	N/A	VT-2	XI	Acceptable
CH	C7.XX	N/A	SC	TEST BLOCK	2SC02	N/A	VT-2	XI	Acceptable
CH	C7.XX	N/A	SC	TEST BLOCK	2SC03	N/A	VT-2	XI	Acceptable
DB	D2.IA	N/A	CCSWAD	1510A-10	2-1510-46	IWA	VT-3/4	XI	Acceptable
DB	D2.XX	N/A	CC	TEST BLOCK	2CC01	N/A	VT-2	XI	Acceptable
DB	D2.XX	N/A	DG	TEST BLOCK	2DG01	N/A	VT-2	XI	Acceptable
DB	D2.XX	N/A	DG	TEST BLOCK	2DG02	N/A	VT-2	XI	Acceptable
DB	D2.XX	N/A	IC	TEST BLOCK	2IC01	N/A	VT-2	XI	Acceptable
DB	D2.XX	N/A	IC	TEST BLOCK	2IC02	N/A	VT-2	XI	Acceptable
DB	D2.XX	N/A	MS	TEST BLOCK	2MS01	N/A	VT-2	XI	Acceptable
FA	F1.10	N/A	CSBD	1404-10	M-1150D-255	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	FWB	3204B-18	M-1156D-258	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	FWB	3204B-18	X-107B-F	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	MSA	3001A -20	M-564E SHT 5	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	MSA	3001A -20	M-569 SHT 19	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	MSA	3001A -20	M-569 SHT 23	CL 1 SUP	VT-3/4	XI	Acceptable

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ISI and Augmented Examinations
Table A

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
FA	F1.10	N/A	MSD	3001D-20	X-105D-F	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	MSDN	3007-2	X-106-F	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	RWCU	1201-8	M-1159D-261	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	RWCU	1202-8	M-1159D-257	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	CRDSD	0408A-6	M-1152D-1101	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	CSAD	1403-12	M-1150D-63	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	CSAD	1403-12	M-1150D-64	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	CSAS	1401-16	M-3203-08	CL 2 SUP	VT-3/4	XI	See Section III
FA	F1.20	N/A	CSBD	1404-12	M-3209-14	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	CSBD	1404-12	M-3209-20 (3/3)	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	HPCIPD	2304-14	M-1151D-269	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	LPCIAS	1502A-14	M-3203-07	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	LPCIBD	1508A-12	M-3214-24	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	LPCIBD	1519-18	M-3214-08	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	LPCIBS	1507-24	M-3204-08	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	LPCITR	1522-14	M-3209-06	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	LPCIX	1531-18	M-3214-34	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	RWCU	1221-8	M-1151D-271	CL 2 SUP	VT-3/4	XI	See Section III
FA	F1.30	N/A	CCSWAD	1510-16	M-1164D-97	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F1.30	N/A	DGSW	3930-8	M-1162D-156	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F1.30	N/A	DGSW	3930-8	M-1162D-588	CL 3 SUP	VT-3/4	XI	See Section III
FA	F1.30	N/A	SRVDC	3019C-8	M-564G SHT 19	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RPV	RPV SHELL	M-1175D-3	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RPV	RPV SHELL	M-1175D-4	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RRAS	PMP 2A-0202	M-1135 SHT 11	CL 1 SNB	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RRAS	PMP 2A-0202	M-1135 SHT 13	CL 1 SNB	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RRAS	PMP 2A-0202	M-1135 SHT 14	CL 1 SNB	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RRAS	PMP 2A-0202	M-1135 SHT 18	CL 1 SNB	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RRAS	PMP 2A-0202	M-1135 SHT 3	CL 1 SNB	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RRAS	PMP 2A-0202	M-1135 SHT 8	CL 1 SNB	VT-3/4	XI	Acceptable
TS	3/4.8.F	N/A	ECCS	2-1501-24	M-3202-2	SNUBBER	FT	OR	Acceptable
TS	3/4.8.F	N/A	ECCS	2-1501-24	M-3202-5	SNUBBER	FT	OR	Acceptble
TS	3/4.8.F	N/A	ECCS	2-1501-24	M-3202-6	SNUBBER	FT	OR	Acceptable
TS	3/4.8.F	N/A	MSA	3-3001A-20	M-564E SHT 1	SNUBBER	FT	OR	Acceptable
TS	3/4.8.F	N/A	MSA	3-3001A-20	M-564E SHT 2	SNUBBER	FT	OR	Acceptable
TS	3/4.8.F	N/A	PRICON	2-1601-20	M-3210-10	SNUBBER	FT	OR	Acceptable
TS	3/4.8.F	N/A	PRICON	2-1650B-2	M-1129 SHT 22	SNUBBER	FT	OR	Acceptable

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ISI and Augmented Examinations
Table A

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
TS	3/4.8.F	N/A	RRAS	PMP 2A-0202	M-1135 SHT 13	SNUBBER	FT	OR	Acceptable
TS	3/4.8.F	N/A	RRBD	2-0201B-28	M-1157D-1	SNUBBER	FT	OR	Acceptable
TS	3/4.8.F	N/A	RRBS	PMP 2B-0202	M-1135 SHT 19	SNUBBER	FT	OR	Acceptable

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Expansions
Table B

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
CF2	C5.51	N/A	CSBD	1404-12	12-26.1	P-EL	MT UT		Acceptable
CF2	C5.51	N/A	CSBD	1404-12	12-38	EL-P	MT UT		Acceptable
CF2	C5.51	N/A	CSBD	1404-12	12-42	EL-P	MT UT		Acceptable
CF2	C5.51	N/A	CSBD	1404-12	12-44	EL-P	MT UT		Acceptable
FA	F1.30	N/A	DGSW	3930-8	M-1162D-125	CL 3 SUP	VT-3/4		Acceptable
FA	F1.30	N/A	DGSW	3930-8	M-1162D-587	CL 3 SUP	VT-3/4		Acceptable

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Reinspections
Table C

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BA	B1.40	N/A	RPV	RPV UPP HD	2-THD-FLGB	THD-FLG	UT		Acceptable
FA	F1.10	N/A	SDC	1001B-16	X-111B-F	CL 1 SUP	VT-3/4		See Section III
FA	F1.20	N/A	CSAD	1403-12	M-1150D-53	CL 2 SUP	VT-3/4		See Section III
FA	F1.20	N/A	CSAD	1403-12	M-1150D-59	CL 2 SUP	VT-3/4		Acceptable
FA	F1.20	N/A	CSAS	1401-16	M-3202-34	CL 2 SUP	VT-3/4		Acceptable
FA	F1.20	N/A	CSBD	1404-12	M-3209-27	CL 2 SUP	VT-3/4		Acceptable
FA	F1.20	N/A	CSBD	1404-12	M-3209-34	CL 2 SUP	VT-3/4		Acceptable
FA	F1.20	N/A	HPCIPD	2304-14	M-1151D-276	CL 2 SUP	VT-3/4		Acceptable
FA	F1.20	N/A	HPCISS	2305-10	2305-M-213	CL 2 SUP	VT-3/4		Acceptable
FA	F1.20	N/A	HPCISS	2305-10	2305-M-215	CL 2 SUP	VT-3/4		Acceptable
FA	F1.20	N/A	HPCISS	2305-10	2305-M-226	CL 2 SUP	VT-3/4		Acceptable
FA	F1.20	N/A	HPCISS	2305-10	M-1151D-296	CL 2 SUP	VT-3/4		Acceptable
FA	F1.20	N/A	HPCITE	2306-24	M-3212-07	CL 2 SUP	VT-3/4		Acceptable
FA	F1.20	N/A	LPCIAD	1506-18	M-3208-14	CL 2 SUP	VT-3/4		Acceptable
FA	F1.20	N/A	LPCIBD	1519-18	M-3209-11	CL 2 SUP	VT-3/4		Acceptable
FA	F1.20	N/A	LPCIBD	1519-18	M-3209-12	CL 2 SUP	VT-3/4		Acceptable
FA	F1.30	N/A	CCSWBD	1514-16	M-1164D-268	CL 3 SUP	VT-3/4		Acceptable
FA	F1.30	N/A	CCSWBD	1514C-10	M-1164D-261	CL 3 SUP	VT-3/4		Acceptable

Section II
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Baseline Examinations
Table D

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BG1	B6.30	N/A	RPV	RPV UPP HD	HD STUDS RMVD (92)	FLGBLT	MT UT	XI XI	Acceptable
BG2	B7.80	N/A	RPV	RPV LWR HD	CRD BLT/STD/NUT	FLGBLT	VT-1	XI	Acceptable
FA	F1.10	N/A	RRBD	0201B-28	M-1157D-1	CL 1 SNB	VT-3/4	XIOR	See Section III
FA	F1.10	N/A	SDC	1001B-16	X-111B-F	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.30	N/A	DGSW	3930-8	M-1162D-588	CL 3 SUP	VT-3/4	XI	Acceptable

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Section II
Scope of Inspection

Attachment A
Summary of Vessel Internals Examinations

The objective of the D2R16 refuel outage reactor internal component visual examination scope was to meet the requirements of ASME Section XI, the anticipated requirements of applicable BWRVIP (Boiling Water Reactor Vessel Internals Project) Guidelines, and the recommendations of various General Electric Service Information letters (SIL's). The specific components examined, the methods employed, and the results of these examinations and the impact of identified flaws to plant safety are provided below.

Jet Pump Beam Ultrasonic Examination

An ultrasonic examination of all twenty jet pump hold down beams was performed by General Electric personnel to the applicable ComEd SPPM procedure, NDT-C-29. Since ComEd's System Materials Analysis Department (SMAD) is being dissolved, General Electric personnel were trained by SMAD personnel to perform this examination. Previously, SMAD personnel had exclusively performed jet pump beam and shroud head bolt UT examinations. The inspection devices utilized were ComEd's BWR-3 and BWR-4 Siemens fixtures. Jet Pump 20 has the only BWR-4 beam on Dresden 2. All twenty beams were confirmed to be free of defects. These components are examined every refueling outage as recommended in General Electric SIL 330 and BWRVIP-41, "BWR Jet Pump Assembly Inspection and Flaw Evaluation Guidelines".

Shroud Head Bolt Examinations

General Electric personnel examined all forty-eight shroud head bolts to ComEd SPPM Procedure NDT-C-49. Since this was another first examination by other than SMAD personnel, ComEd (SMAD) personnel trained GE Technicians in the use of this procedure. Several BWR's have experienced cracking in these bolts and there is significant margin in the design that permits several cracked bolts to be left installed.

After D2R15, eleven bolts were known to contain flaws. These bolts were shuffled to approximately symmetrical positions (numbers 1, 5, 9,13, 17, 21, 25, 29, 33, 41 and 45) around the perimeter of the bolt pattern. This was performed in order to satisfy criteria established in an analysis provided by General Electric.

Unexpectedly, twenty-one additional bolts (numbers 2, 4, 6, 7, 10, 11, 12, 20, 22, 23, 24, 28, 30, 31, 36, 38, 40, 42, 44, 47 and 48) were identified to contain suspect crack indications. A ComEd UT Level III confirmed the results of the examination. PIF D1999-04322 was initiated to document the discrepancy.

In order to restore the shroud head to an acceptable configuration, twelve new bolts of an IGSCC resistant design were installed to replace cracked bolts. Of the remaining sound bolts (sixteen), bolts number 8, 32 and 34 had previously been replaced with new style bolts. The new and sound bolts were shuffled into a configuration that satisfies the analysis criteria. During installation of the shroud, all bolt retainers were engaged on their respective bolt and so no additional bolts were classified as non-functional.

Since GE does not recommend examinations of new style bolts, an alternative to further examination is to evaluate selective replacement of some (eight) of the remaining cracked bolts with new style replacements and shuffle the bolts into a permanently acceptable configuration.

Section II
Scope of Inspection

Attachment A
Summary of Vessel Internals Examinations

Core Spray Visual Inspections

The internal core spray piping was examined in accordance with BWRVIP-18, "BWR Core Spray Internals Inspection and Flaw Evaluation Guideline". This inspection consisted of an enhanced visual inspection of the P8a and P4d welds on each of the four downcomers. A visual inspection is performed on these specific welds each outage since, due to their configurations, an ultrasonic inspection capable of fully examining the volume of these welds has not been "demonstrated" by the UT vendors to the satisfaction of the BWRVIP Inspection committee. Therefore, credit can not be taken for the more invasive UT examination and these undemonstrated welds must be visually examined every outage.

During D2R15, flaws in the 260° P4d and the 110°, 260°and 290° P8a welds were ultrasonically sized and visually measured. The exception to this was the 110° P8a, which has never been visually evident. The video equipment employed was the RJ-2100 color system, which together with a flexible tape, yielded accurate length measurements. The General Electric CSI-2000 ultrasonic system was also deployed at that time and so a complete record of the condition of the core spray welds was established. There was good agreement between the two complementary inspections.

During D2R16, with two notable exceptions, the inspection results of the core spray weld inspection were unchanged and confirmed the D2R15 results. Both exceptions were observed on the 260° downcomer. First, the P4d flaw length increased from a continuous 1 ½" to a non-continuous overall length of 3". And second, the P8a weld at this location was found to contain two new axial flaws, each approximately 1/4" in length and adjacent to the original circumferential flaw. The reported lengths are within the limits for flaw growth predicted in the applicable flaw evaluation analysis.

Sargent & Lundy report, SL-5197, Revision 0, "Dresden Unit 2, D2R15 Core Spray Flaw Evaluation Report, Project Report No. 10334-014", utilized limit load analysis techniques to evaluate the flaws. The results of this analysis concluded that the core spray piping is capable of withstanding all normal operating, design basis and "beyond design basis" loading in the current degraded condition for two cycles of operation, or through the fuel cycle ending with D2R17. Consequently, no repairs were considered necessary during D2R16.

The condition of the core spray internal piping will continue to be monitored by following the recommendation of BWRVIP-18, "BWR Core Spray Internals Inspection and Evaluation Guidelines" during subsequent outages.

Section II
Scope of Inspection

Attachment A
Summary of Vessel Internals Examinations

Jet Pump Visual Examinations

The jet pumps were visually examined in accordance with the recommendations of BWRVIP-41. The criteria used for selection of jet pumps for inspection was based on experience obtained during the D3R15 jet pump inspections. Due to camera accessibility limitations, the selected jet pumps maximized inspection coverage.

The BWRVIP-41 inspection recommendations for welds classified as "high priority" have been completed for the inspection interval during this outage. The riser welds consisting of the "high priority" RS-1 through 3 and "medium priority" RS-4 and 5 were completed during D2R15. As a result, the next inspection of "high priority" welds will be performed after three cycles. High priority inspections performed this outage include the adapter backing ring fillets at diffuser tailpipe to adapter interface (AD-3a and b), the adapter top to adapter bottom (AD-1), and the adapter bottom to shroud support plate (AD-2). These inspections were performed on jet pumps 1, 6, 7, 10, 11, 12, 13, 16, 17 and 20. High priority welds are classified as such by BWRVIP-41 since their failure could cause the disassembly of a jet pump resulting in the inability of the ECCS pumps to maintain 2/3 core height during a LOCA.

A sample of the "medium priority" inspection items meeting the recommendations of BWRVIP-41 was performed. As a result, the remaining "medium priority" population will be inspected during D2R17 and/or D2R18. The medium priority inspections consisted of a VT-1 of the bolts on the connection between the mixer and inlet (IN-5), and EVT-1 inspections of the flange to barrel weld (MX-1), the barrel to flare weld (MX-3) and the diffuser collar to the diffuser shell weld (DF-1). These were inspected on jet pumps 1, 4, 10, 11 and 20.

SIL recommended inspections including those to examine wall brackets (SIL Number 551) and restrainer wedges (SIL Number 574) addressed in and superceded by BWRVIP-41 which classifies these inspections as "medium priority". As a result of fatigue concerns with the unique Dresden 2 riser brace design, a larger population of riser brace welds were examined than recommended by BWRVIP-41. These included the vessel pad-to-block (RB-3a & b), block-to-leaf (RB-4 a b, c & d), leaf-to-yoke (RB-5 a, b, c & d), and yoke-to-riser (RS-8 and 9) welds from jet pumps number 1, 4, 5, 6, 10, 11, 12, 13, 16, 17, and 20. Wedges, designated as WD-1 per BWRVIP-41, were examined for contact on jet pumps 1, 4, 10, 11, and 20. The wall bracket attachment weld, RB-3a and b, are located within the beltline region and thus these examinations also satisfy the requirements under Table IWB-2500-1, Category B-N-2, Item B13.20.

Jet pump inspections revealed one area of potential concern. The restrainer gate wedge contact bearing surface on jet pump #20, although adequately in contact as found, displayed evidence of movement. Consequently, in accordance with BWRVIP-41, additional supplementary inspection of the brace and swing gate welds on this jet pump were performed. The set screws displayed no wear or clearance and the gusset welds and hardware showed no other evidence of damage. Therefore, jet pump #20 was determined to be in acceptable condition. No other concerns or flaws were identified during the jet pump inspection scope.

Section II
Scope of Inspection

Attachment A
Summary of Vessel Internals Examinations

Core Shroud Support Plate Weld Inspections

As specified in BWRVIP-38, "BWR Shroud Support Inspection and Flaw Evaluation Guideline", the core support plate to reactor vessel weld (H-9) and the core support plate to shroud weld (H-8) require a partial inspection of 10% of their respective lengths. An unobstructed view of about 60° of the circumference of these welds can be achieved by examining the area between the two sets of jet pumps immediately below either recirc pump suction nozzle. An EVT-1 examination was performed in the selected area between Jet pumps 20 and 1. No flaws were identified. The H-9 weld is an ASME Section XI weld classified under Table IWB-2500-1, Category B-N-2, Item B13.30. Although the Dresden internals were not supplied ASME Section III and are currently not contained in the ASME Section XI inspection program, H-8 would be included under the description of item B13.40.

Core Shroud Vertical Weld Inspection

The Core Shroud on Dresden 2 was preemptively repaired during D2R14 in 1995 in response to industry wide shroud weld problems and the results obtained during extensive inspections of the Dresden 3 and Quad Cities 2 core shrouds. Inspections of repaired shroud vertical welds are prescribed in BWRVIP-7, "Guidelines for Reinspection of BWR Core Shrouds", and BWRVIP-63, "Shroud Vertical Weld Inspection and Evaluation Guidelines". Limited examinations of the "design reliant" portions of shroud vertical welds were performed in 1995. No flaws were identified in these examinations at that time.

The inspection performed during D2R16 employed the Tecnatom TIEDE2 UT/ET robotic inspection device. This remote scanning device examines shroud welds from the inside shroud surfaces. It is placed into a peripheral fuel cell after the fuel is removed and the control blade withdrawn and is supported by the cell's fuel support casting. A robotic arm positions the transducer package and scans the adjacent shroud vertical weld. Coverage of the upper course welds (V-14, 15 and 16) exceeded 80%. Coverage of the lower course welds (V-17, 18 and 19) was between 52% and 63%. The limitation to more complete lower course weld coverage is a result of the interference created by the core plate which is supported by and above the shroud "shelf" at H-6.

No relevant indications were identified during the TIEDE2 shroud vertical weld examinations. The balance of the shroud vertical welds will be examined this inspection interval during D2R17. The shroud vertical welds are also classified as ASME Section XI under Table IWB-2500-1, Category B-N-2, item B13.40.

Top Guide Alignment Pin Inspections

In accordance with BWRVIP-26, "BWR Top Guide Inspection and Flaw Evaluation Guideline", the 90° and 270° top guide aligner pin and socket assemblies were examined. These examinations are recommended since top guide wedges are not installed on either Dresden 2 or 3. The recommended inspection frequency is two assemblies every two cycles. The pin received a VT-1 inspection and the accessible rim and gusset welds were examined using enhanced visual inspection techniques. General Electric personnel performed this examination. No indications were recorded.

Section II
Scope of Inspection

Attachment A
Summary of Vessel Internals Examinations

IRM SRM Dry-tube Inspections

IRM dry-tubes in positions 11, 15 and 16 were examined visually just below the top guide in areas previously identified in SIL-409 and RICSIL-73 as susceptible to cracking. All SRM and IRM dry-tubes were replaced on Dresden 2 in 1987 with new design tubes. Similarly, Dresden 3 dry-tubes were replaced in 1988. The new tubes, although designed to be IGSCC resistant, were manufactured by two different suppliers and have design feature differences that result in different recommended service lives. In response to RICSIL-73, all of the dry-tubes were examined for the first time since installation during D2R14. No flaws were identified. Dresden Unit 3 dry-tubes were examined during D3R13 in 1994 and one tube was found cracked and replaced. The dry-tubes examined during D2R16 are of the lower recommended service life design (fifteen years). No flaws were identified.

Reactor Vessel Head ID and Cladding Examination

In response to a 1991 ComEd Engineering internal commitment, the cladding surfaces under the reactor vessel head were examined visually to VT-1 criteria. Other areas of cladding were examined during the enhanced visual inspections of adjacent vessel attachments such as jet pump riser braces and the H-9 shroud support weld. These examinations exceed the requirement for interior surfaces examinations under ASME Section XI Table IWB-2500-1, Category B-N-1, Item B13.10.

Inspection Results and Conclusions

As a result of these inspections, with the exception of shroud head bolts, no previously unidentified IGSCC or fatigue cracking was identified.

- The Core Spray piping flaws at un-demonstrated welds P4d and P8a were monitored as required. Known flaws were determined to be within the anticipated limits for flaw growth. No new flaws were identified in previously unflawed core spray welds.
- Based on this examination of jet pump beams, mixers, diffusers and adapters and the D2R15 riser and wall brace examinations, the Dresden 2 jet pumps, with the exception of an RS-1 flaw in the 15/16 jet pump pair's riser identified during D2R15, are in excellent materiel condition.
- The Dresden 2 shroud vertical welds between the top guide and lower core plate were determined to be free of flaws.
- The sampled portion of the shroud support welds is free of flaws.

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Section III
Abstract of Corrective Measures

The findings and subsequent measures taken to correct the findings demonstrate that all components examined are functional and in compliance with the Dresden Unit 2 Technical Specifications and Section XI of the ASME Boiler and Pressure Vessel Code, 1989 Edition and 1992 Edition with 1992 Addenda.

The following is a summary of corrective measures taken as a result of examination findings.

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Section III
Abstract of Corrective Measures

Category	Item	Augment	System	Line	Component	Type
ISI and Augmented Examinations						
BP	B15.XX		RC	TEST BLOCK	2RC01	N/A

During the D2R16 system leakage test a small number of recordable indications were discovered. PIF D1999-04522 was initiated to document discrepancies. The following recordable indications were noted and addressed per the provisions of Relief Request PR-18 or subsequent corrective maintenance: Bonnet leak on valves 2-1501-25A and 2-1501-25B and on Control Rod Drives C-11, D-3, H-2, H-11, J-3, and J-12 (corrective measures performed under WR 990006573-01); bonnet leaks on valves 2-0203-2A, 2-0203-2C, and 2-0203-2D (corrective measures under WR 990006572-01); bonnet leaks on the following east bank control rod drive valves: 3-0305-101(N6), 3-0305-102(H-6), 3-0305-102(N12), 3-0305-102(P6), 3-0305-120(L9), 3-0305-120(L14), 3-0305-120(M14), 3-0305-123(N9), and 3-0305-123(N13) (corrective measures under WR 990006571-01); bonnet leaks on the following west bank control rod drive valves: 3-0305-101(D10), 3-0305-101(E7), 3-0305-101(G6), 3-0305-102(B8), 3-0305-102(B8), 3-0305-120(A9), 3-0305-120(B10), 3-0305-120(C9), 3-0305-120(F1), 3-0305-120(G13), 3-0305-121(G1), 3-0305-123(C11), 3-0305-123(F13), 3-0305-123(G19), and 3-0305-126(G13) (corrective measures under WR 990006571-02); leak at the upper connection of the water accumulator for control rod drive G13 (corrective measure under WR 990006571-02).

CF2	C5.51		CSBD	1404-12	12-32	P-EL

During volumetric examination of Weld 12-32 on Line 2-1404-12", a planar indication was detected in the weld at the inside diameter of the pipe. The flaw was characterized as either "tight slag or lack of fusion" by the UT Examiner. This was the first time this weld had been examined ultrasonically. PIF D1999-02082 was initiated to document discrepancy. A review of the construction radiograph was performed, but the location of the UT flaw could not be correlated to any indications on the radiograph. Fracture mechanics evaluation (Calculation Number DRE99-0045) found weld to be acceptable for continued service. Sample expansion was performed to Welds 12-26.1, 12-38, 12-42 and 12-44 on Line 2-1404-12" in accordance with IWC-2430(a) and Interpretation XI-1-95-13.

CF2	C5.51		LPCIAD	1506-18	18-3.1	EL-EL

Magnetic particle (MT) examination of elbow-to-elbow full penetration circumferential weld discovered lap indications outside the area of interest extending .30" into the area of interest adjacent to the weld. A supplemental UT examination was performed per IWB-3514.2(b) and the flaw was determined to be acceptable per Table IWB-3514-1. After UT examination, indications in the area of interest were removed with a file and reinspected with MT and were free of indications. Since flaw did not exceed the Table IWB-3514-1 criteria, no sample expansion was required.

CH	C7.XX		RC	TEST BLOCK	2RC01	N/A

During the D2R16 system leakage test a small number of recordable indications were discovered. PIF D1999-04522 was initiated to document discrepancies. The following recordable indications were noted and addressed per the provisions of Relief Request PR-18 or subsequent corrective maintenance: tubing ferrule leak on DPIS 2-261-35E (corrective measure under WR 990107749-01); valve bonnet leak on valve 2-1301-17 (corrective measures under WR 990006574-01.

FA	F1.20		CSAS	1401-16	M-3203-08	CL 2 SUP

During VT-3/4 of support, discrepancy between support drawing and actual field installation was discovered. The support has hex nuts installed on each side of the u-bolt at the plate (which is the standard configuration for u-bolt supports), but support drawing only shows hex nuts on one side of the plate. PIF D1999-02963 was initiated on the drawing discrepancy. Design Engineering will revise support drawing under DCR 990265. Condition was not service induced, therefore no sample expansion was required.

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Section III
Abstract of Corrective Measures

Category	Item	Augment	System	Line	Component	Type
ISI and Augmented Examinations						
FA	F1.20		RWCU	1221-8	M-1151D-271	CL 2 SUP

During VT-3/4 inspection of support, a discrepancy between the support drawing and the actual field installation was discovered. The support drawing shows four anchor bolts but only three anchor bolts exist in the field. PIF D1999-04121 was intiated to document the discrepancy. Design Engineering evaluated the existing condition and determined it to be acceptable as is. Support drawing is to be revised under DCRs 990302 and 990303. Condition was not service induced, therefore no sample expansion was performed.

FA	F1.30		DGSW	3930-8	M-1162D-588	CL 3 SUP

During VT-3/4 examination of support M-1162D-588, lack of contact between the pipe and support was discovered. PIF D1999-00278 was initiated on 1/19/99. Design Engineering performed an Operability Evaluation and determined support was acceptable for continued service. Expanded to supports M-1162D-587 and M-1162D-125. No discrepancies noted under expansion. Support was shimmed and reinspected under WR 990006582-01 and found acceptable.

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Section III
Abstract of Corrective Measures

Category	Item	Augment	System	Line	Component	Type
Reinspections						
FA	F1.10		SDC	1001B-16	X-111B-F	CL 1 SUP

During VT-3/4 reinspection of support, examiner noted excessive angularity of anchor bolts without installation of bevelled washers. Design Engineering was contacted to determine if existing installation was acceptable and an operability evaluation determined the support was operable. PIF D1999-03063 was initiated to document the discrepancy and WR 990095154 was initiated to restore support to acceptable configuration through the installation of bevelled washers. Discrepancy was an installation error so no sample expansion was required. Design Engineering did walkdown similar penetration on Unit 3 and discovered the same condition existed. A PIF and WR were initiated and the Unit 3 support was also restored to intended configuration.

FA	F1.20		CSAD	1403-12	M-1150D-53	CL 2 SUP

During VT-3/4 examination of support, it was discovered that there was no sighthole drilled in one end of strut to verify full thread engagement of threaded attachment. Mechanical Maintenance drilled sighthole with ISI in attendance and full thread engagement was verified. No sample expansion was required since indication was not service induced.

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Section III
Abstract of Corrective Measures

Category	Item	Augment	System	Line	Component	Type
Baseline Examinations						
FA	F1.10		RRBD	0201B-28	M-1157D-1	CL 1 SNB

Snubber was removed for functional testing. Snubber passed functional test, but indicated degrading performance. Subsequent stroking of snubber did not exhibit any more problems. Snubber was replaced per Repair/Replacement Plan 2-99-049 as a precautionary measure. No sample expansion was required.

Section IV
Abbreviations

Component Type

BLTCONN	Bolted Connection
BPC	Branch Pipe Connection
BPCS	Branch Pipe Connection Saddle
CAP	Pipe Cap
COND	Condenser
CRO	Cross
EL	Elbow
ELS	Elbow Longitudinal Seam
F	Flued Head
FLG	Flange
FLGBLT	Flange Bolt
FLS	Fitting Longitudinal Seam
GASKET	Gasket
HTEX	Heat Exchanger
IWA	Integral Welded Attachment
MBARR	Moisture Barrier
NIR	Nozzle Inner Radius
NOZ	Nozzle
P	Pipe
PG	Penetration Guide
PLS	Piping Longitudinal Seam
PMP	Pump
PMPBLT	Pump Bolting
RED	Reducer
REDE	Reducing Elbow
RPV	Reactor Pressure Vessel
SDL	Saddle
SE	Safe-end
SEAL	Seal
SHL	Shell
SURF	Containment Surface
SWC	Socket Welded Coupling
SWCP	Socket Welded Pipe Cap
SWE	Socket Welded Elbow
SWF	Socket Welded Flange
SWP	Sweep-O-Let, Weld-O-Let, Etc.
SWR	Socket Welded Reducer
SWT	Socket Welded Tee
SWV	Socket Welded Valve
TBSHT	Tubesheet
TEE	Tee
VB	Vacuum Breaker
VLV	Valve
VLVBLT	Valve Bolting

Section IV
Abbreviations

Credit

06	NUREG 0619
88	Generic Letter 88-01
OR	Other Special Exam to be explained in memo field
XI	Section XI

Other

DR	Discrepancy Record
PIF	Performance Improvement Form

Exam

EVT-1	Enhanced Visual Inspection (IVVI)
FT	Functional Test
GV	General Visual
MT	Magnetic Particle
PT	Liquid Penetrant
UT	Ultrasonic
VT-1	VT-1 visual
VT-2	VT-2 visual
VT-3/4	VT-3/4 visual

System

CCSWAD	Containment Cooling Service Water "A", Pump Discharge
CCSWAS	Containment Cooling Service Water "A", Pump Suction
CCSWBD	Containment Cooling Service Water "B", Pump Discharge
CCSWBS	Containment Cooling Service Water "B", Pump Suction
CRD	Control Rod Drive
CRDH	Control Rod Drive, Hydraulic
CRDSD	Control Rod Drive, Scram Discharge Volume
CSAD	Core Spray "A", Pump Discharge
CSAS	Core Spray "A", Pump Suction
CSBD	Core Spray "B", Pump Discharge
CSBS	Core Spray "B", Pump Suction
DGSW	Diesel Generator Service Water
ECCS	Emergency Core Cooling System Ring Header
FW2	Feedwater, Class 2
FWA	Feedwater "A"
FWB	Feedwater "B"

Section IV
Abbreviations

HPCIPD	High Pressure Coolant Injection, Pump Discharge
HPCIPS	High Pressure Coolant Injection, Pump Suction
HPCISS	High Pressure Coolant Injection, Steam Turbine Supply
HPCITE	High Pressure Coolant Injection, Turbine Exhaust
ISCOCR	Isolation Condenser, Condensate Return
ISCOSS	Isolation Condenser, Steam Supply
ISCOVP	Isolation Condenser and Vent Piping
JPIA	Jet Pump Instrumentation Loop "A"
JPIB	Jet Pump Instrumentation Loop "B"
LPCIAD	Low Pressure Coolant Injection "A", Pump Discharge
LPCIAS	Low Pressure Coolant Injection "A", Pump Suction
LPCIBD	Low Pressure Coolant Injection "B", Pump Discharge
LPCIBS	Low Pressure Coolant Injection "B", Pump Suction
LPCIHX	Low Pressure Coolant Injection Heat Exchengers
LPCISR	Low Pressure Coolant Injection Torus Spray Ring
LPCITR	Low Pressure Coolant Injection Test Return to Torus
LPCIX	Low Pressure Coolant Injection Crosstie
LVLA	Lower Vessel Level "A"
LVLB	Lower Vessel Level "B"
MSA	Main Steam "A"
MSB	Main Steam "B"
MSC	Main Steam "C"
MSD	Main Steam "D"
MSDN	Main Steam Drain
PRICONT	Primary Contaiment (IWE)
RHS	Reactor Head Spray
RHV	Reactor Head Vent
RPV	Reactor Pressure Vessel
RRAD	Reactor Recirculation Loop "A", Pump Discharge (U/2 includes the crosstie piping up to but not including weld 202-6B/L3)
RRAS	Reactor Recirculation Loop "A", Pump Suction
RRBD	Reactor Recirculation Loop "B", Pump Discharge (U/2 includes the crosstie piping up to but not including weld 202-6B/L3)
RRBS	Reactor Recirculation Loop "B", Pump Suction
RVBD	Reactor Vessel Bottom Drain
RWCU	Reactor Water Clean Up
SBLC	Standby Liquid Control
SDC	Shutdown Cooling
SRVDA	Safety Relief Valve Discharge "A"
SRVDB	Safety Relief Valve Discharge "B"
SRVDC	Safety Relief Valve Discharge "C"
SRVDD	Safety Relief Valve Discharge "D"
SRVDE	Safety Relief Valve Discharge "E"
UVLA	Upper Vessel Level "A"
UVLB	Upper Vessel Level "B"

Section V
Repairs and Replacements Since the Preceding Summary Report

Several ASME Section XI repairs and replacements have taken place at Dresden Unit 2 since the previous summary report was issued. A review of the Dresden Station Section XI Repair Program Log was conducted in order to identify the various repairs and replacements. Although not required per IWA-6210(c), Class 3 repairs and replacements are also included in this report.

Copies of the NIS-2 forms associated with all of the Section XI repairs and replacements conducted since the previous summary report have been included in this section. This report also contains any repairs and replacements performed on the common unit (2/3) since the previous Unit 3 report. The NIS-2 forms provide an abstract of the repairs and replacements and outline the examinations and tests performed in conjunction with them. Code Data Reports are not included in this report, but are available for review at Dresden Station.

Plan 2-96-001 was initiated to refurbish four spare main steam isolation valve discs. At the date of this report, two of the four have been refurbished and NIS-2 form for those two are submitted in this report. The remaining two NIS-2 forms for Plan 2-96-001 will be submitted in the subsequent 90 Day Summary Report after refurbishment of the remaining discs is completed and approved.

A listing of NIS-2 forms is included in this section in order of repair/replacement plan number followed by the associated work request number.

Section V
Repairs and Replacements Since the Preceding Summary Report

NIS-2 No.	Work Request
2-96-001	950097241
2-97-002	960118180
2-97-019	970073212-01
2-97-020	970073215-01
2-97-023	970000702
2-99-003	980006307-01
2-99-004	990017365-01
2-99-005	970036007-01
2-99-006	970036006-01
2-99-007	960018790-01
2-99-008	970036008-01
2-99-009	980113512
2-99-010	980043710-01
2-99-011	980117623-01
2-99-012	970095983-01
2-99-013	970095982-01
2-99-014	980051165-01
2-99-015	980038988-01
2-99-017	980038989-01
2-99-018	980038989-03
2-99-023	990102436-01
2-99-024	980037262-01
2-99-027	970071696-01
2-99-028	980117496-01
2-99-029	980038717-01
2-99-031	970063097-01
2-99-032	990002113
2-99-034	990083539-01
2-99-035	990004355-01
2-99-039	990017367-01
2-99-040	990045011-05
2-99-044	980038988-04
2-99-045	980038989-04
2-99-046	970070692-01
2-99-049	980070617-01
2-99-051	990101567-01
2-99-052	990103405-01
2-99-053	980038988-01

CATEGORY 3

DAP 11-18
REVISION 07

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 6-11-97

Sheet: 1 Of 4

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 3

BJC 1/18/2000 AJC

3. Work Performed By: ComEd/Bechtel (Name)

Same as Above (Address)

WR 950097241-01 (PLAN 2-96-001)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0203 Main Steam

5. (a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Spare MSIV Disc	Crane	None	N/A	None	N/A	Repair	No
							No
Pilot Disc for MSIV Main Disc	Crane	Unknown	N/A	None	N/A	Replaced	No
Pilot Disc for MSIV Main Disc	Crane	C3563	N/A	SI #570C91	N/A	Replacement	No

7. Description of work: Rebuilt existing spare MSIV disc which was removed from Unit 2 during the D2R14 outage. Rebuild included replacing existing pilot disc and refurbishing main seating surface by removing existing stellite and rewelding with Stellite 21 and remachining to size.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: Disc to be returned to Stores as spare for future installation.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPAIR/REPLACEMENT Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 6-16 (Date), 1997

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPAIR/REPLACEMENT described in this report on 6-17, 19 97 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 6-17-97 Inspector: Russ T. Reiser Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 07

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 5-22-97

Sheet: 2 Of 4 BJK 1/12/2000

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: Same as Above (Name)
Same as Above (Address)

WR 950097241-02 (PLAN 2-96-001)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0203 Main Steam

5. (a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Spare MSIV Main Disc	Crane	None	N/A	None	N/A	Repair	NO
Pilot Disc for MSIV Main Disc	Crane	Unknown	N/A	None	N/A	Replaced	NO
Pilot Disc for MSIV Main Disc	Crane	C3939	N/A	SI #570C91	N/A	Replacement	NO

7. Description of work: Rebuilt existing spare MSIV disc which was removed from Unit 2 during the D2R14 outage. Rebuild included replacing existing pilot disc and refurbishing main seating surface by removing existing stellite and rewelding and machining with stellite 21.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: Disc to be returned to Stores as spare for future installation.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPAIR/REP LACEMENT Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 5-22 (Date), 1997

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPAIR/REPLACEMENT described in this report on 5-22-97, 1997 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 5-27-97 Inspector: Robert T Hawley Commissions: IL932, NB7742NISB
(State or Province, National Board)

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 8-18-98

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: ComEd (Name)
Same as Above (Address)

WR 960118180 (PLAN 2-97-002)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 LPCI/CCSW

5. (a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases N-416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2A LPCI/CCSW Heat Exchanger	Berlin-Chapman	05036-2	3005	2A-1503	1967	Repaired	Yes

7. Description of work: Repaired pitted surfaces in channel areas of heat exchanger by weld build-up.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 195/188 psig Test Temperature 79.4 °F

9. Remarks: Test pressures are taken from 2A and 2D CCSW pump discharge respectively. Performed VT-2 on 7/13/98, no leakage observed..

Certificate of Compliance

We certify that the statements made in this report are correct and this REPAIR Conforms to Section XI of the ASME Code.

Signed : Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 8-18 (Date), 1998

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPAIR described in this report on 9-21, 1998 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 9-21-98 Inspector: Robert T Reuss Commissions: IL932, NB7742NISB
(State or Province, National Board)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT REVISION 08
As Required by the Provisions of ASME Code Section XI

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/27/99

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 970073212-01 (PLAN 2-97-019)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 LPCI

5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases N-416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2A LPCI Pump Minimum Flow Line Discharge Check Valve	Hancock	Unknown	N/A	2-1501-65A	N/A	Replaced	No
2A LPCI Pump Minimum Flow Line Discharge Check Valve	Hancock	Heat Code YJN/YSO	N/A	SI #808C37	N/A	Replacement	No

7. Description of work: Replaced existing check valve with new model for consistency with other minimum flow check valves for IST purposes.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 156 psig Test Temperature 82.4 °F

9. Remarks: No leakage noted during LPCI surveillance.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/27 (Date), 19 99

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-27, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-27-99 Inspector: Robert T Reiney Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT

As Required by the Provisions of ASME Code Section XI

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 4-15-99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 970073215-01 (PLAN 2-97-020)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 LPCI

5. (a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases N-416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2C LPCI Pump Minimum Flow Line Check Valve	Hancock	Unknown	N/A	2-1501-65B	N/A	Replaced	No
2C LPCI Pump Minimum Flow Line Check Valve	Hancock	Heat Code YJN/YSD	N/A	SI #808C37	N/A	Replacement	No

7. Description of work: Replaced existing check valve with new check valve assembly so that all LPCI pump minimum flow check valves will be consistent for IST classification.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 165 psig Test Temperature Ambient °F

9. Remarks: None.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 4-15 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 4-15, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 4-15-99 Inspector: Kurt T Rainey Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL. 60690 (Address)

Date: 8-17-98

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: ComEd (Name)
Same as Above (Address)

WR 970000702 (PLAN 2-97-023)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 3900 Diesel Generator Cooling Water

5. (a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases N-416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Keep-fill Check Valve (Lift Check)	Edwards	Unknown	N/A	2-3999-636	N/A	Replaced	No
Keep-fill Check Valve (Ball Check)	Edwards	Heat # 5LAXNX	N/A	SI #818C92	N/A	Replacement	No

7. Description of work: Replaced existing Edwards lift check valve with Edwards ball check per Alternate Part Replacement D-1997-0017-000.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 52 psig Test Temperature 52 °F

9. Remarks: Performed VT-2 examination in conjunction with DOS 6600-11 on 11/26/97. Inservice leak test in accordance with Dresden Station Third Interval Relief Request PR-14.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 8-21 (Date), 19 98

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 8-21, 19 97 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 8/21/98 Inspector: R Rainey Commissions: IL932, NB7742NISB (State or Province, National Board)

BASED ON TELEPHONE CONVERSATION AND ATTACHED DOCUMENTATION FOR NTS 237-212-98-05701. Bry Casey 8/21/98

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 6-16-99

Sheet: 1 Of 2

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2/3

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 980006307 (PLAN 2-99-003)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 3900 Service Water (Diesel Generator Cooling Water)

5. (a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
8" X 6" concentric expansion joint	Unknown	None Identified	N/A	Line 2/3-3932-8"-O	N/A	Replaced	No
¾"-10 Heavy Hex Nuts (A194 Grade 2H)	Unknown	None Identified	N/A	Line 2/3-3932-8"-O	N/A	Replaced	No
¾"-10 Heavy Hex Bolts (A193 Grade B7)	Unknown	None Identified	N/A	Line 2/3-3932-8"-O	N/A	Replaced	No
⅝"-11 Heavy Hex Nuts (A194 Grade 2H)	Unknown	None Identified	N/A	Line 2/3-3932-8"-O	N/A	Replaced	No
⅝"-11 Heavy Hex Bolts (A193 Grade B7)	Unknown	None Identified	N/A	Line 2/3-3932-8"-O	N/A	Replaced	No

7. Description of work: Replaced expansion joint per preventative maintenance surveillance. Bolting replaced to accommodate installation of hardened washers.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 3.3 psig Test Temperature 81 °F

9. Remarks: Pressure recorded is suction pressure, discharge pressure was 80 psi.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 6-16 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 6-17, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 6-17-99 Inspector: Matt Lacey Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

FORM NIS-2 SUPPLEMENT
OWNER'S REPORT OF REPAIR OR REPLACEMENT SUPPLEMENTAL SHEET

DAP 11-18
REVISION 08

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 6-16-99

Sheet: 2 Of 2

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2/3

3. Work Performed By: Same as Above (Name)
Same as Above (Address)

WR 980006307 (PLAN 2-99-003)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 3900 Service Water (Diesel Generator Cooling Water)

5. (a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Case NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
8" X 6" concentric expansion joint	Unknown	None Identified	N/A	SI #798A58	N/A	Replacement	No
¾"-10 Heavy Hex Nuts (A194 Grade 2H)	Unknown	None Identified	N/A	SI #796D01	N/A	Replacement	No
¾"-10 Heavy Hex Bolts (A193 Grade B7)	Unknown	None Identified	N/A	SI #800E80	N/A	Replacement	No
⅝"-11 Heavy Hex Nuts (A194 Grade 2H)	Unknown	None Identified	N/A	SI #796C99	N/A	Replacement	No
⅝"-11 Heavy Hex Bolts (A193 Grade B7)	Unknown	None Identified	N/A	SI #501F81	N/A	Replacement	No

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 4-19-99

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: Same as Above (Name)

WR 990017365-01 (PLAN 2-99-004)
Repair Organization P.O. No., Job No. etc.

Same as Above (Address)

4. Identification of System: 5700 Ventilation System

5. (a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Cooling Coil for Unit 2 East LPCI Corner Room Cooler	Unknown	Unknown	N/A	2-5746-A	N/A	Replaced	No
Inlet and Outlet Cooler Pipe Unions (2½" Diameter)	Unknown	Unknown	N/A	Lines 2-3933A-2½"-O and 2-3934A-2½"-O	N/A	Replaced	No
Cooling Coil for Unit 2 East LPCI Corner Room Cooler	Buffalo Forge	None Recorded	N/A	SI #765C55	N/A	Replacement	No
Inlet and Outlet Cooler Pipe Unions (2½" Diameter) A105	Unknown	Heat Code R337S/R359S/ R333S	N/A	SI #797B94	N/A	Replacement	No

7. Description of work: Replaced existing room cooler cooling coil with new coil assembly due to numerous tube leaks. After reassembly, existing unions were found to be leaking and were replaced with new unions.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 49 psig Test Temperature 72.2 °F

9. Remarks: None.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 5-18 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 5-18, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 5-19-99 Inspector: Kurt T. Deering Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/25/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 970036007-01 (PLAN 2-99-005)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0203 Main Steam

5.(a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Main Steam 6" Safety Relief Valve	Consolidated	BK 7162	N/A	2-0203-4F	N/A	Replaced	No
Main Steam 6" Safety Relief Valve	Consolidated	BK 6260	N/A	SI #781C41	N/A	Replacement	No

7. Description of work: Replaced existing main steam safety relief valve with rebuilt and retested spare assembly per surveillance. Relief valve set point is 1260.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure 1035 psig Test Temperature 195-230 °F

9. Remarks: VT-2 examination during system leakage test.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/25 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-26, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-26-99 Inspector: Robert T Carney Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/25/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 970036006-01 (PLAN 2-99-006)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0203 Main Steam

5.(a) Construction Code ASME Section III, 1965 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Main Steam 6" Safety Relief Valve	Consolidated	BK 7162	N/A	2-0203-4G	N/A	Replaced	No
Inlet Flange Bolt (1 3/8"-8, A193 Grade B7)	Unknown	Unknown	N/A	2-0203-4G	N/A	Replaced	No
Inlet Flange Hex Nuts (1 3/8"-8 A194 Grade 2H)	Unknown	Unknown	N/A	2-0203-4G	N/A	Replaced	No
Main Steam 6" Safety Relief Valve	Consolidated	BK 6260	N/A	SI #781B41	N/A	Replacement	No
Inlet Flange Bolt (1 3/8"-8, A193 Grade B7)	Unknown	Heat Code NBD	N/A	SI #796D87	N/A	Replacement	No
Inlet Flange Hex Nuts (1 3/8"-8 A194 Grade 2H)	Unknown	Unknown	N/A	SI #760H26	N/A	Replacement	No

7. Description of work: Replaced existing main steam safety relief valve with rebuilt and retested spare assembly per surveillance. Relief valve set point is 1260. Bolt was destroyed during valve removal and was replaced with new material.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure 1035 psig Test Temperature 195-230 °F

9. Remarks: VT-2 examination during system leakage test.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/25 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-26, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-26-99 Inspector: Rust T Piney Commissions: IL932, NB7742NISB (State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/25/99

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 960018790-01 (PLAN 2-99-007)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0203 Main Steam

5.(a) Construction Code ASME Section III, 1965 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Main Steam 6" Safety Relief Valve	Consolidated	BK 6304	N/A	2-0203-4H	N/A	Replaced	No
Main Steam 6" Safety Relief Valve	Consolidated	BK 6271	N/A	SI #781A41	N/A	Replacement	No

7. Description of work: Replaced existing main steam safety relief valve with rebuilt and retested spare assembly per surveillance. Relief valve set point is 1240.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure 1035 psig Test Temperature 195-230 °F

9. Remarks: VT-2 examination during system leakage test.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/25, 1999 (Date)

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-26, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-26-99 Inspector: Rust T. Ramey Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/25/99

Sheet: 1 Of 1

Unit: 2

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

3. Work Performed By: Same as Above (Name)
Same as Above (Address)

WR 970036008-01 (PLAN 2-99-008)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0203 Main Steam

5.(a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Main Steam 6" Safety Relief Valve	Consolidated	BK 7162	N/A	2-0203-4E	N/A	Replaced	No
Main Steam 6" Safety Relief Valve	Consolidated	BK 6290	N/A	SI #781C41	N/A	Replacement	No

7. Description of work: Replaced existing main steam safety relief valve with rebuilt and retested spare assembly per surveillance. Relief valve set point is 1260.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure 1035 psig Test Temperature 195-230 °F

9. Remarks: VT-2 examination during system leakage test.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.

Signed : Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/25 (Date), 19 99

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 10-26, 19 99 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-26-99 Inspector: [signature] Commissions: IL932, NB7742NISB (State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 1/3/2000

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 5

Unit: 2

3. Work Performed By: General Electric (Name)

Same as Above (Address)

WR 980113512 (PLAN 2-99-009)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0300 Control Rod Drive

5.(a) Construction Code ASME Section III, 1965 Edition, W65 Addenda, Code Cases 1335-2, 1361, 1352
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Control Rod Drive	General Electric	A6672	*	Location B04	1994	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location B04	N/A	Replaced	No
Control Rod Drive	General Electric	A5282	*	SI #786D53		Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code U6G	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	A3791	*	Location C04		Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location C04	N/A	Replaced	No
Control Rod Drive	General Electric	A6520	*	SI #786D53		Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code CCP	N/A	SI #808E09	N/A	Replacement	No

7. Description of work: Replaced existing control rod drive assemblies and associated flange cap screws with new control rod drive assemblies and flange cap screws. Cap screws that were removed were VT-1 examined and then discarded. * See Code Data Report on file for specific information.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 1035 psig Test Temperature 195-230 °F

9. Remarks: VT-2 examination performed during system leakage test on 10/23/99. Leaks at control rod flange were corrected per Dresden Station Third Interval Relief Request PR-18. One of the flange cap screws installed did not receive a baseline VT-1. PIF D1999-04714 was initiated on 11/11/99 and cap screw was determined to be acceptable as is per ASME Non-Conformance Report.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 1-3 (Date), 2000

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 1-6, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 1-6-00 Inspector: Rustt Parry Commissions: IL932, NB7742NISB
(State or Province, National Board)

FORM NIS-2 SUPPLEMENT
OWNER'S REPORT OF REPAIR OR REPLACEMENT SUPPLEMENTAL SHEET

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 11/9/99

Sheet: 2 Of 5

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: General Elecctric (Name)

Same as Above (Address)

WR 980113512 (PLAN 2-99-009)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0300 Control Rod Drive

5. (a) Construction Code ASME Section III, 19 65 Edition, W65 Addenda, Code Cases 1335-2, 1361, 1352
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Case NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Control Rod Drive	General Electric	117	*	Location C11	1994	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location C11	N/A	Replaced	No
Control Rod Drive	General Electric	A4587	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code U6G and CCP	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	91	*	Location D03	1967	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location D03	N/A	Replaced	No
Control Rod Drive	General Electric	A6527	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code NME	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	895	*	Location E09	1994	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location E09	N/A	Replaced	No
Control Rod Drive	General Electric	A4393	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code NME	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	A4454	*	Location F01	1994	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location F01	N/A	Replaced	No
Control Rod Drive	General Electric	A5241	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code U6G and CCP	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	966	*	Location F11	1969	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location F11	N/A	Replaced	No
Control Rod Drive	General Electric	A6514	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	1101	*	Location G07	1969	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location G07	N/A	Replaced	No
Control Rod Drive	General Electric	A5329	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No

CATEGORY 3

FORM NIS-2 SUPPLEMENT
OWNER'S REPORT OF REPAIR OR REPLACEMENT SUPPLEMENTAL SHEET

DAP 11-18
REVISION 08

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 11/9/99

Sheet: 3 Of 5

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: General Elecctric (Name)
Same as Above (Address)

WR 980113512 (PLAN 2-99-009)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0300 Control Rod Drive

5. (a) Construction Code ASME Section III, 19 65 Edition, W65 Addenda, Code Cases 1335-2, 1361, 1352
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Case NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Control Rod Drive	General Electric	A9117	*	Location G11	1992	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location G11	N/A	Replaced	No
Control Rod Drive	General Electric	A4471	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	A8924	*	Location H09	1992	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location H09	N/A	Replaced	No
Control Rod Drive	General Electric	A2707	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	A4037	*	Location H11	1980	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location H11	N/A	Replaced	No
Control Rod Drive	General Electric	A6516	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	909	*	Location J03	1969	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location J03	N/A	Replaced	No
Control Rod Drive	General Electric	A4407	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	11	*	Location K11	1968	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location K11	N/A	Replaced	No
Control Rod Drive	General Electric	A4593	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	9173	*	Location L07	1978	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location L07	N/A	Replaced	No
Control Rod Drive	General Electric	A5022	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No

CATEGORY 3

FORM NIS-2 SUPPLEMENT
OWNER'S REPORT OF REPAIR OR REPLACEMENT SUPPLEMENTAL SHEET

DAP 11-18
REVISION 08

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 11/9/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 4 Of 5

Unit: 2

3. Work Performed By: General Elecctric (Name)
Same as Above (Address)

WR 980113512 (PLAN 2-99-009)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0300 Control Rod Drive

5. (a) Construction Code ASME Section III, 19 65 Edition, W65 Addenda, Code Cases 1335-2, 1361, 1352
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Case NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Control Rod Drive	General Electric	118	*	Location P07	1967	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location P07	N/A	Replaced	No
Control Rod Drive	General Electric-	A6659	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	1541	*	Location R08	1967	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location R08	N/A	Replaced	No
Control Rod Drive	General Electric	A5527	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	272	*	Location E14	1967	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location E14	N/A	Replaced	No
Control Rod Drive	General Electric	A5309	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	A8525	*	Location F06	1988	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location F06	N/A	Replaced	No
Control Rod Drive	General Electric	A6543	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	931	*	Location G09	1969	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location G09	N/A	Replaced	No
Control Rod Drive	General Electric	A5158	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL and NME	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	A8255	*	Location J13	1986	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location J13	N/A	Replaced	No
Control Rod Drive	General Electric	A5221	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No

FORM NIS-2 SUPPLEMENT
OWNER'S REPORT OF REPAIR OR REPLACEMENT SUPPLEMENTAL SHEET

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 11/9/99

Sheet: 5 Of 5

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: General Elecctric (Name)
Same as Above (Address)

WR 980113512 (PLAN 2-99-009)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0300 Control Rod Drive

5. (a) Construction Code ASME Section III, 19 65 Edition, W65 Addenda, Code Cases 1335-2, 1361, 1352
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Case NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No.	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Control Rod Drive	General Electric	A4054	*	Location P12	1992	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location P12	N/A	Replaced	No
Control Rod Drive	General Electric	A6529	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/27/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 980043710-01 (PLAN 2-99-010)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1100 Standby Liquid Control

5.(a) Construction Code USAS B31.1.0/ASME Section VIII, 19 67/65 Edition, NO/NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Locking Ring for Spare Pulsation Dampener (Accumulator) for Standby Liquid Control System	Greer Hydraulics	Unknown	N/A	2-1107A	N/A	Replaced	No
Locking Ring for Spare Pulsation Dampener (Accumulator) for Standby Liquid Control System	Quality Hydraulics and Pnuematics	Unknown	N/A	SI #708D75	N/A	Replacement	No

7. Description of work: Replaced existing locking ring (which was lost) with new locking ring during refurbishment of spare SBLC accumulator.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: No leakage noted during pressure decay test performed on spare accumulator assembly. VT-2 examination will be performed on accumulator assembly when it is installed on system.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/27 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 10-27, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-27-99 Inspector: Kurt T. Kaney Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/26/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 980117623-01 (Plan 2-99-011)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1100 Standby Liquid Control

5.(a) Construction Code USAS B31.1.0, 1967 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases N-416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2B Standby Liquid Control Pump Discharge Check Valve Body-to-Bonnet Seal Weld	Hancock	Unknown	N/A	2-1101-43B	N/A	Replaced	No

7. Description of work: Removed existing seal weld to gain access to valve internals for check valve inspection and rewelded seal weld upon reassembly of valve.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 1050 psig Test Temperature 80 °F

9. Remarks: VT-2 examination performed during SBLC operating surveillance on 10/12/99, no leakage noted.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/26 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-26, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-26-99 Inspector: Curt T Carey Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 11/4/99

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 970095983-01 (PLAN 2-99-012)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0203 Main Steam

5.(a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Electromatic Relief Valve	Consolidated Dresser	BK 7080	N/A	2-0203-3C	N/A	Replaced	No
Electromatic Relief Valve	Consolidated Dresser	BX00294	N/A	SI #809F19	N/A	Replacement	No

7. Description of work: Replaced existing Electomatiic relief valve with regbuilt and retested spare per surveillance. Removed valve will be tested per IST requirements and rebuilt.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 1035 psig Test Temperature 195-230 °F

9. Remarks: VT-2 examination during system leakage test on 10/23/99, no leakage noted.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 11/4 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 11-4, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-4-99 Inspector: Kurt T. Lairy Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 11/1/99

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 970095982-01 (PLAN 2-99-013)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0203 Main Steam

5.(a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Electromatic Relief Valve	Consolidated Dresser	BK 7052	N/A	2-0203-3E	N/A	Replaced	No
Electromatic Relief Valve	Consolidated Dresser	BX00295	N/A	SI #809F19	N/A	Replacement	No

7. Description of work: Replaced existing Electromatic relief valve with regbuilt and retested spare per surveillance. Removed valve will be tested per IST requirements and rebuilt.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 1035 psig Test Temperature 195-230 °F

9. Remarks: VT-2 examination during system leakage test on 10/23/99, no leakage noted.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 11/1 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 11-2, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-2-99 Inspector: Robert T. Reiney Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/27/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 980051165-01 (PLAN 2-99-014)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0203 Main Steam

5.(a) Construction Code ASME Section III, 1968 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Target Rock Relief Valve	Target Rock	130A	N/A	2-0203-3A	N/A	Replaced	No
Target Rock Relief Valve	Target Rock	121	N/A	SI #570E04	N/A	Replacement	No

7. Description of work: Replaced existing Target Rock relief valve with regbuilt and retested spare per surveillance. Removed valve will be tested per IST requirements and rebuilt.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 1035 psig Test Temperature 195-230 °F

9. Remarks: VT-2 examination during system leakage test on 10/23/99, no leakage noted.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/27 (Date), 19 99

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 10-29, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-29-99 Inspector: Kurt T Lewis Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/27/99

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: G. N. Venture (Name)

Same as Above (Address)

WR 980038988-01 (PLAN 2-99-015)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 CCSW/LPCI

5.(a) Construction Code ASME Section III, 1965 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2A CCSW/LPCI Heat Exchanger Tubes (3/4" O.D., SB-111, 18 BWG) (Four total)	Unknown	Unknown	N/A	2-1503A	N/A	Replaced	No
2A CCSW/LPCI Heat Exchanger Tubes (3/4" O.D., SB-111, 18 BWG) (Four total)	Unknown	Unknown	N/A	SI #808E87	N/A	Replacement	No
Tube Plugs (Four total)	Unknown	Unknown	N/A	SI #773H40	N/A	Replacement	No

7. Description of work: Replaced four tubes based on eddy current test results. Also plugged one previously unplugged tube and replugged one previously plugged tube. Performed a VT-2 examination of tube sheets prior to reinstalling heads back onto heat exchanger.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 371 psig Test Temperature 71.2 °F

9. Remarks: No leakage identified during test.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/27 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 10-29, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-29-99 Inspector: [signature] Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/27/99

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: G. N. Venture (Name)

Same as Above (Address)

WR 980038989-01 (PLAN 2-99-017)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 CCSW/LPCI

5.(a) Construction Code ASME Section III, 1965 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2B CCSW/LPCI Heat Exchanger Tubes (3/4" O.D., SB-111, 18 BWG) (Sixty one total)	Unknown	Unknown	N/A	2-1503B	N/A	Replaced	No
2B CCSW/LPCI Heat Exchanger Tubes (3/4" O.D., SB-111, 18 BWG) (Sixty one total)	Unknown	Unknown	N/A	SI #808E87	N/A	Replacement	No
Tube Plugs (Thirty total)	Unknown	Unknown	N/A	SI #773H40	N/A	Replacement	No

7. Description of work: Replaced or plugged heat exchanger tubes based on eddy current test results. Performed a VT-2 examination of tube sheets prior to reinstalling heads back onto heat exchanger.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 371 psig Test Temperature 80 °F

9. Remarks: No leakage identified during hydro.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/28 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-29, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-29-99 Inspector: Robert T Ramey Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/29/99

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: G. N. Venture (Name)

Same as Above (Address)

WR 980038989-03 (PLAN 2-99-018)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 CCSW/LPCI

5.(a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases N-416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2B CCSW/LPCI Heat Exchanger Lower Channel Shell Surfaces	Berlin Chapman	05036-1	3004	2-1503B	1967	Repair	Yes

7. Description of work: Repaired pitted areas in lower channel region of heat exchanger.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure 225 psig Test Temperature Ambient °F

9. Remarks: Lower head was examined during DOS 1500-12 on 10/23/99, no leakage was noted.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPAIR Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/29 (Date), 19 99

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPAIR described in this report on 11-2-, 19 99 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-2-99 Inspector: Robert T Reiner Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/27/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 990102436-01 (PLAN 2-99-023)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 2300 HPCI

5.(a) Construction Code USAS B31.1.0, 1967 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
HPCI Turbine Exhaust Line Check Valve (24" Dual Disc)	Mission	Unknown	N/A	2-2301-45	N/A	Replaced	No
1 ¼"-8 Hex Nut (A194 Grade 2H)	Unknown	Unknown	N/A	2-2301-45	N/A	Replaced	No
HPCI Turbine Exhaust Line Check Valve (24" Dual Disc)	Mission	Heat E4313, Serial Number 5	N/A	Cat ID Number 0000038267	N/A	Replacement	No
1 ¼"-8 Hex Nut (A194 Grade 2H)	Unknown	Unknown	N/A	Cat ID Number 0000027804	N/A	Replacement	No

7. Description of work: Replaced check valve due to failed local leak rate test. No problems with bolting were identified in work package , hex nut was lost during valve disassembly.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 30 psig Test Temperature Not Recorded °F

9. Remarks: VT-2 examination during HPCI system surveillance. Temperature is not recorded during surveillance. No leakage noted during surveillance.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/27 (Date), 19 99

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-27, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-27-99 Inspector: Robert T Laing Commissions: IL932, NB7742NISB
(State or Province, National Board)

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/23/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 3

3. Work Performed By: G. N. Venture (Name)

Same as Above (Address)

WR 980037262-01(PLAN 2-99-024)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 CCSW/LPCI

5.(a) Construction Code ASME Section III, 1965 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases N-416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2A CCSW/LPCI Heat Exchanger	Berlin Chapman	05036-2	3005	2A-1503	1967	Repaired	Yes
Partition Plate	Ecker-Erhardt	B45756	N/A	819B22	N/A	Replacement	No
Stop Bar	Unknown	Heat # 250927	N/A	818D79	N/A	Repair (New installation)	No

7. Description of work: Repaired existing CCSW/LPCI heat exchanger by installing new partition plate and stop bar in heat exchanger. Due to debris (mud and silt) collecting inside heat exchanger, a high differential pressure was created which was deforming the divider plate. Addition of reinforced divider plate and a stop bar should prevent any future deformation of plate. Work was performed under Modification E12-2-96-238 (DCP 9600234).

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure * psig Test Temperature * °F

9. Remarks: * VT-2 examination performed in conjunction with operating surveillance DOS 1500-12. DOS 1500-12 records flow rate and does not record pressure or temperature. Flow recorded was 5140 gallons per minute (acceptance criteria is 5000 gallons per minute minimum). No leakage observed during surveillance.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPAIR/REPLACEMENT Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/26 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPAIR/REPLACEMENT described in this report on 10-26, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-26-99 Inspector: Matt T Ramey Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 11/1/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: Same as Above (Name)
Same as Above (Address)

WR 970071696-01 (PLAN 2-99-027)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1600 Primary Containment

5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
4" Butterfly Valve seating surfaces	Neles Jamesbury	Unknown	N/A	2-1601-55	N/A	Replaced	No
Butterfly valve seat	Neles Jamesbury	Unknown	N/A	Cat ID # 0000043270	N/A	Replacement	No
Valve seat	Neles Jamesbury	Unknown	N/A	Cat ID # 0000699650	N/A	Replacement	No

7. Description of work: Replaced seating surfaces on 4" diameter butterfly valve which failed as found local leak rate test.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure ____ psig Test Temperature ____ °F

9. Remarks: Valve passed as left local leak rate test under DTS 1600-01 on 10/17/99.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 11/1 (Date), 19 99

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 11-3, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-3-99 Inspector: Kurt T Lewis Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/27/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 980117496-01 (PLAN 2-99-028)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 2300 HPCI

5.(a) Construction Code USAS B31.1.0, 1967 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
HPCI Auxilliary Cooling Water Pump Discharge Check Valve Flange Bolts (3/4"-10 A193 Grade B7)	Unknown	Unknown	N/A	2-2301-51 2301	N/A	Replaced	No
HPCI Auxilliary Cooling Water Pump Discharge Check Valve Flange Bolts (3/4"-10 A194 Grade 2H)	Unknown	Unknown	N/A	2-~~2300T~~-51 BJL 10/27/99	N/A	Replaced	No
HPCI Auxilliary Cooling Water Pump Discharge Check Valve Flange Bolts (3/4"-10 A193 Grade B7)	Unknown	Heat Code NBD	N/A	SI #796D75	N/A	Replacement	No
HPCI Auxilliary Cooling Water Pump Discharge Check Valve Flange Bolts (3/4"-10 A194 Grade 2H)	Unknown	Unknown	N/A	SI #796D01	N/A	Replacement	No

7. Description of work: Replaced bolt and hex nut. Work package did not indicate any problem with bolting, it is assumed material was lost during disassembly. Check valve was acceptable per inspection and was not replaced.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: VT-2 not required, no leakage noted during post maintenance testing on 10/26/99.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/27 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-27, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-27-99 Inspector: Robert T Lewis Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/27/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: General Electric (Name)
Same as Above (Address)

WR 980038717-01 (PLAN 2-99-029)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0201 Reactor Vessel

5.(a) Construction Code ASME Section III, 1965 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Reactor Vessel Closure Head Stud	General Electric	61-198-81	N/A	Stud #81	N/A	Replaced	No
Reactor Vessel Closure Head Stud	General Electric	PMC-9-6547	N/A	SI #799A84	N/A	Replacement	No

7. Description of work: Replaced flawed reactor vessel head closure stud that was not replaced during D2R15 outage. Reused existing bushing, washers, and nut.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure ___ psig Test Temperature ___ °F

9. Remarks: Pressure test is not required, but a VT-2 examination was performed during the system leakage test on 10/23/99 and no leakage was noted.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/27 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 10-29, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-29-99 Inspector: Matt T Kinney Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/27/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 970063097-01 (PLAN 2-99-031)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 2300 HPCI

5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
HPCI Turbine Exhaust Line Rupture Disc	Unknown	Unknown	N/A	2-2301-68	N/A	Replaced	No
HPCI Turbine Exhaust Line Rupture Disc	Black, Sivalls & Bryson	Unknown	N/A	SI #570B21	N/A	Replacement	No

7. Description of work: Replaced rutpure disc per IST five year surveillance.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 30 psig Test Temperature Not Recorded °F

9. Remarks: VT-2 examination during HPCI system surveillance. Temperature is not recorded during surveillance. No leakage noted during surveillance.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/27 (Date), 19 99

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 10-27, 19 99 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-27-99 Inspector: Rust T. Rainey Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 1-7-2000

Sheet: 1 Of 3

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2/3

3. Work Performed By: General Electric (Name)
Same as Above (Address)

WR 990002113 (PLAN 2-99-032)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0300 Control Rod Drive

5.(a) Construction Code ASME Section III, 19 74 Edition, W75 Addenda, Code Cases N207, 1361-2
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Control Rod Drive A6524	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A6524	General Electric	A5763	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A5321	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5321	General Electric	A5785	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A5305	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5305	General Electric	A5723	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A5325	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5325	General Electric	A5795	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A5213	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5213	General Electric	A5733	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A5007	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5007	General Electric	A5817	*	SI #508B41	N/A	Replacement	Yes

7. Description of work: These are spare control rod drive assemblies procured from the Perry Nuclear Plant. In order to install on Dresden Units, the existing rin flange was removed and replaced to accommodate Dresden instrumentation. * See specific Code Data.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: Control rod drive assemblies receive a VT-2 examination under the Work Request they are installed under.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 1-10 (Date), 20 00

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 1-10, 20 00 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 1-10-00 Inspector: Kurt T. Gibson Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

FORM NIS-2 SUPPLEMENT
OWNER'S REPORT OF REPAIR OR REPLACEMENT SUPPLEMENTAL SHEET

DAP 11-18
REVISION 08

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 1-7-2000

Sheet: 2 Of 3

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2/3

3. Work Performed By: General Electric (Name)
Same as Above (Address)

WR 990002113 (PLAN 2-99-032)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0300 Control Rod Drive

5. (a) Construction Code USAS B31.1.0, 19 74 Edition, W75 Addenda, Code Cases N207, 1361-2
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Case NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Control Rod Drive A5352	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5352	General Electric	A5789	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A5316	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5316	General Electric	A5802	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A4803	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A4803	General Electric	A5776	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A4805	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A4805	General Electric	A5766	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A5221	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5221	General Electric	A5748	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A4393	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A4393	General Electric	A5765	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A6529	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A6529	General Electric	A5775	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A5022	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5022	General Electric	A5818	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A6543	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A6543	General Electric	A5761	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A5282	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5282	General Electric	A5721	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A5158	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5158	General Electric	A5735	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A6659	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A6659	General Electric	A5811	*	SI #508B41	N/A	Replacement	Yes

CATEGORY 3

FORM NIS-2 SUPPLEMENT
OWNER'S REPORT OF REPAIR OR REPLACEMENT SUPPLEMENTAL SHEET

DAP 11-18
REVISION 08

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 1-7-2000

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 3 Of 3

Unit: 2/3

3. Work Performed By: General Electric (Name)

Same as Above (Address)

WR 990002113 (PLAN 2-99-032)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0300 Control Rod Drive

5. (a) Construction Code USAS B31.1.0, 19 74 Edition, W75 Addenda, Code Cases N207, 1361-2
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Case NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Control Rod Drive A5329	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5329	General Electric	A5770	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A2707	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A2707	General Electric	A5751	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A4593	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A4593	General Electric	A5709	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A4471	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A4471	General Electric	A5806	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A5241	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5241	General Electric	A5804	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A4407	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A4407	General Electric	A5749	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A5309	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5309	General Electric	A5769	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A4587	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A4587	General Electric	A5727	*	SI #508B41	N/A	Replacement	Yes

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 11/3/99

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 990083539-01 (PLAN 2-99-034)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 CCSW

5.(a) Construction Code USAS B31.1.0, 1967 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases N-416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Line 2-1510-16"-D (Division I CCSW Supply)	Unknown	Unknown	N/A	2-1510-16"	N/A	Replaced	No
16" Standard (.375") A106 Grade B Pipe (10')	Unknown	Heat B08957	N/A	Cat ID# 00000072770	N/A	Replacement	No
16" A234 Grade WPB	Unknown	Heat 33932	N/A	Cat ID# 0000039075	N/A	Replacement	No

7. Description of work: Replaced existing pipe and elbow due to a through-wall leak in pipe at wall penetration. The cause of the leak was determined to be under deposit corrosion.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: VT-2 examination performed during DOS 1500-12. DOS 1500-12 records flow for acceptance criteria and not pressure or temperature. Flow recorded during surveillance was 5200 gallons per minute (acceptance criteria is 5000 gallons per minute minimum). No leakage was observed.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 11/3 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 11-3, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-3-99 Inspector: Robert T Lowry Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 11/10/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 990004355-01 (PLAN 2-99-035)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0203 Main Steam

5.(a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases N-496-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Electromatic Relief Valve (Serial Number BX00294) Inlet Flange Bolting and Bolt Holes	Consolidated Dresser	BX00294 (Valve)	N/A	None	N/A	Replaced/Repair	No
Electromatic Relief Valve Inlet Flange Stud Hex Nuts (2 Total)	Consolidated Dresser	Unknown	N/A	SI #790H78	N/A	Replacement	No
Electromatic Relief Valve Inlet Flange Studs (6 Total)	Consolidated Dresser	Trace # 1BK and CK1, Heats QT61, QT62, 1JN and G9	N/A	SI #570C07	N/A	Replacement	No
Helicoil Threaded Inserts (3 Total)	Unknown	Unknown	N/A	SI #700G91	N/A	Replacement	No

7. Description of work: During valve rebuild, MMD discovered inlet flange bolting and some of the associated bolt holes were damaged and required replacement or repair. Valve was later installed in Unit 2 under WR970095983-01 (Repair/Replacement Plan 2-99-012).

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: None.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPAIR/REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 1-12-*~~19~~2000 (Date)

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR/REPLACEMENT** described in this report on 1-13-*~~19~~2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 1-13-00 Inspector: Robert J. Ramey Commissions: IL932, NB7742NISB
(State or Province, National Board)

*BJC 1/12/2000

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 11/10/99

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 990017367-01 (PLAN 2-99-039)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 5700 Ventilation

5.(a) Construction Code USAS B31.1.0, 1967 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Unit 2 West LPCI Corner Room Cooling Coil	Buffalo Forge	Unknown	N/A	2-5746-B	N/A	Replaced	No
Unit 2 West LPCI Corner Room Cooling Coil	Aerofin Corporation	Unknown	N/A	SI #765C55	N/A	Replacement	No
2½" A105 Pipe Unions (2 Total)	Unknown	Unknown	N/A	SI #797B94	N/A	Replacement	No

7. Description of work: Replaced existing cooler coil (which had leaking tubes) with brand new coil assembly. No reason was noted for union replacement.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 78 psig Test Temperature 71 °F

9. Remarks: No leakage identified during inservice leak test on 10/3/99.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 11/10 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 11-16, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-10-99 Inspector: Robert T Lewis Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 11/2/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: G. N. Venture (Name)
Same as Above (Address)

WR 990045011-05 (PLAN 2-99-040)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 2300 HPCI

5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Support M-1151D-173 for HPCI Drain Pot 2B-2307	Unknown	Unknown	N/A	M-1151D-157	N/A	Repair	No
A36 Steel Plate	Unknown	1D2727	N/A	SI #779B98	N/A	Replacement (New addition)	No

7. Description of work: Reinforced existing support for 2B HPCI drain pot per DCP 9800329. Existing support did not meet safety-related requirements.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure ____ psig Test Temperature ____ °F

9. Remarks: None.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPAIR/REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 11/2 (Date), 19 99

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR/REPLACEMENT** described in this report on 11-3, 19 99 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-3-99 Inspector: Kurt T Casey Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/28/99

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: G. N. Venture (Name)

Same as Above (Address)

WR 980038988-04 (PLAN 2-99-044)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 CCSW/LPCI

5.(a) Construction Code ASME Section III, 1965 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases N-416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2A CCSW/LPCI Heat Exchanger Upper Head	Berlin Chapman	05036-2	3005	2-1503A	1967	Repair	Yes

7. Description of work: Repaired areas on upper head where leakage past the partition plate had eroded head.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [x] Not Applicable [ ]

Test Pressure * psig Test Temperature * °F

9. Remarks: *VT-2 exaamination performed during DOS 1500-12. DOS 1500-12 does not record pressure or temperature but records flow rate. Flow was 5140 gallons per minute (acceptance criteria is 5000 gallons per minute minimum). No leakage observed during surveillance.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPAIR** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/28 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR** described in this report on 10-29, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-29-99 Inspector: Rust T Reiny Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/29/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: G. N. Venture (Name)

Same as Above (Address)

WR 980038989-04 (PLAN 2-99-045)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 CCSW/LPCI

5.(a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases N-416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2B CCSW/LPCI Heat Exchanger Upper Head	Berlin Chapman	05036-1	3004	2-1503B	1967	Repair	Yes

7. Description of work: Repaired areas on upper head where leakage past the partition plate had eroded the head.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 225 psig Test Temperature Ambient °F

9. Remarks: No leakage noted during VT-2 exam on 10/23/99.

Certificate of Compliance

We certify that the statements made in this report are correct and this REPAIR Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/29 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPAIR described in this report on 10-24, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-29-99 Inspector: Robert T Rainey Commissions: IL932, NB7742NISB
(State or Province, National Board)

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 11/8/99

Sheet: 1 Of 1

Unit: 2

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

3. Work Performed By: Same as Above (Name)
Same as Above (Address)

WR 970070692-01 (PLAN 2-99-046)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0203 Main Steam

5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Outboard Main Steam Isolation Valve Disc (Valve 2-0203-2B)	Crane	Unknown	N/A	2-0203-2B	N/A	Replaced	No
Outboard Main Steam Isolation Valve Disc (Valve 2-0203-2B)	Crane	Unknown	N/A	Cat ID# 0000008119	N/A	Replacement	No

7. Description of work: Valve failed as found local leak rate and was disassembled for corrective maintenance. Main disc was replaced. Main disc was previously rebuilt under Work Request 980035839-01 (Repair Plan 3-98-020).

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: None.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed : Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 11/8 (Date), 19 99

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 11-9, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-9-99 Inspector: [signature] Commissions: IL932, NB7742NISB (State or Province, National Board)

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/09/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 3

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 980070617-01(PLAN 2-99-049)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0201 Reactor Recirculation

5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Snubber 2-0201-B-26	Pacific Scientific	6992	N/A	M-1157D-1	N/A	Replaced	Yes
Snubber 2-0201-B-26	Pacific Scientific	8138	N/A	000066-1791	N/A	Replacement	Yes

7. Description of work: Replaced existing PSA-35 snubber which passed snubber functional test but performance was degrading. It is believed that there was debris in snubber since snubber stroked smoothly after initial test. Piping is USAS B31.1.0-1967, no code stamping is required.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: None.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10-9 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-9, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-9-99 Inspector: Kurt T Fairey Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/26/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: Same as Above (Name)

Same as Above (Address)

WR 990101567-01 (PLAN 2-99-051)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0201 Reactor Vessel

5.(a) Construction Code ASME Section III, 1965 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Reactor Vessel Flange Surface	Babcock & Wilcox	610-0098-51-52	N-137	2-0201	1968	Repair	Yes

7. Description of work: Repaired steam cuts and damage on reactor vessel flange surface.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: Inspected during system leakage test, no leakage noted.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPAIR** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/26 (Date), 1999

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR** described in this report on 10-26, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-26-99 Inspector: Robert T Lewis Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP 11-18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/26/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: G. N. Venture (Name)
Same as Above (Address)

WR 990103405-01(PLAN 2-99-052)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 CCSW/LPCI

5.(a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases N-416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2B CCSW/LPCI Heat Exchanger	Berlin Chapman	05036-1	3004	2A-1503	1967	Repaired	Yes
Stop Bar	Unknown	Unknown	N/A	UTC 2041754	N/A	Repair (New Installation)	No

7. Description of work: Repaired existing CCSW/LPCI heat exchanger by installing a stop bar in heat exchanger. Due to debris (mud and silt) collecting inside heat exchanger, a high differential pressure was created which was deforming the divider plate. Addition of stop bar should prevent any future deformation of plate. Work was performed under DCP 9900257).

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]

Test Pressure 225 psig Test Temperature Ambient °F

9. Remarks: VT-2 performed during CCSW/LPCI operating surveillance on 10/24/99. No leakage observed.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPAIR** Conforms to Section XI of the ASME Code.

Signed: Brendan J Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/26 (Date), 19 99

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR** described in this report on 10-26, 19 99 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-26-99 Inspector: Robert T Casey Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

DAP [redacted]18
REVISION 08

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

1. Owner: ComEd Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 10/27/99

2. Plant: Dresden Nuclear Power Station (Name)
6500 North Dresden Road, Morris IL., 60450 (Address)

Sheet: 1 Of 1

Unit: 2

3. Work Performed By: G. N. Venture (Name)
Same as Above (Address)

WR 980038988-01 (PLAN 2-99-053)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 CCSW/LPCI

5.(a) Construction Code ASME Section III, 1965 Edition, NO Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2A CCSW/LPCI Heat Exchanger Tubes Lower Head Hex Nut	Unknown	Unknown	N/A	2-1503A	N/A	Replaced	No
2A CCSW/LPCI Heat Exchanger Tubes Lower Head Hex Nut	Unknown	Unknown	N/A	SI #760H26	N/A	Replacement	No

7. Description of work: Replaced two hex nuts which were lost during heat exchanger disassembly.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure ____ psig Test Temperature ____ °F

9. Remarks: Lower head was examined during DOS 1500-12 on 10/23/99, no leakage was noted.

Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/27, 1999 (Date)

Certificate of 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, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-29, 1999 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-29-99 Inspector: Scott T Reuing Commissions: IL932, NB7742NISB
(State or Province, National Board)