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INSERVICE INSPECTION SUMMARY REPORT

Report Date: July 24, 1996

Refueling Outage: D2R14

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

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

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

June, 1995 Inservice Inspection
Unit No. 2; National Board No. N-137
Commercial Service Date: 06-09-72

Table of Contents

Prepared By: _____ 7/24/96

Reviewed By: Brendan J. Casey 7-24-96

Approved By: _____ 8/6/96

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

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

Section I
Introduction

The fourteenth Inservice Inspection (ISI) of Dresden Unit 2 was performed during the Spring Refueling Outage, which lasted from June 5, 1995 to April 25, 1996. This was the only outage during the first inspection period of the unit's 3rd 10-year ISI Inspection Interval which commenced on March 1, 1992. The period was extended one full year as allowed by ASME Section XI IWB-2412(b) and extended an additional 325 days as allowed by ASME Section XI IWA-2430(e). The first period end date is now January 19,1997.

Raytheon was contracted to perform the non-destructive examinations and VECTRA was contracted to perform the visual examinations during the refuel outage. Personnel from Commonwealth Edison's System Materials Analysis Department (SMAD) participated in the inspection to advise on technical problems, perform certain examinations, review examination results, and evaluate indications.

The Authorized Nuclear Inservice Inspector's (ANII) services were provided by Hartford Steam Boiler Inspection and Insurance Company (HSB). The ANII reviewed procedures, personnel qualifications, instrument and material certifications, and examination results.

All examinations were performed in accordance with the Unit 2 Technical Specifications, the ASME Boiler and Pressure Vessel Code, Section XI, 1989 Edition, and Generic Letter 88-01.

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

FORM NIS-1 OWNERS REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner Commonwealth Edison Co., One First National Plaza, PO Box 767, Chicago, IL 60690
(Name and Address of Owner)

2. Plant Dresden Nuclear Power Station, 6500 N. Dresden Road, Morris, IL 60450
(Name and Address of Owner)

3. Plant Unit 2 4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date 06/09/72 6. National Board Number for Unit N-137

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 1&2 Systems	Babcock & Wilcox Co. Barberton, Ohio	610-0098	B0082800	N-137

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

This Form (E00029) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

FORM NIS-1 (Back)

8. Examination Dates 6/5/95 to 04/25/96

9. Inspection Period Identification: 1st Period - From 3/1/92 to 1/19/97

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

11. Applicable Edition of Section XI 1989 Addenda N/A

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 Section II

14. Abstract of Results of Examinations and Tests.
See Sections II & III

15. Abstract of Corrective Measures.
See 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 July 23 19 96 Signed Commonwealth Edison Co. (Owner) By Brendan J. Casey ISI 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 Hartford Steam Boiler of Hartford, CT have inspected the components described in this Owner's Report during the period 6/5/95 to 04/25/96, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

Robert T Rainey (Inspector's Signature) Commissions IL932, NB7742NISB (National Board, State, Province, and Endorsements)

Date 7-24 19 96

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

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

Section II
Scope of Inspection

Abstract of Examinations

ISI and Augmented Examinations - Table A

Table A contains a list of components examined during D2R14 to satisfy the requirements of ASME Section XI and Generic Letter 88-01. Those items which were examined that required no further evaluation are identified as acceptable. Those items that required further evaluation are discussed in Section III.

Expansions - Table B

Table B contains a list of components examined in accordance with IWB-2430, IWC-2430, and IWF-2430. Those items which were examined that required no further evaluation are identified as acceptable. Those items that required further evaluation are discussed in Section III.

Reinspections - Table C

Table C contains a list of components examined in accordance with IWB-2420, IWC-2420, and IWF-2420. Those items which were examined that required no further evaluation are identified as acceptable. Those items that required further evaluation are discussed in Section III.

Summary of Vessel Interior Examinations - Attachment A

Attachment A contains a summary of examinations performed to satisfy the requirements of ASME Section XI categories BN1, BN2, and various special examination requirements. Details of the examinations, results, and corrective measures are included.

Section II
Scope of Inspection

ISI and Augmented Examinations
Table A

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BA	B1.21	N/A	RPV	RPV UPP HD	2-THD-DA	CIRC	UT	XI	Acceptable
BA	B1.21	N/A	RPV	RPV UPP HD	2-THD-DB	CIRC	UT	XI	Acceptable
BA	B1.21	N/A	RPV	RPV UPP HD	2-THD-DC	CIRC	UT	XI	Acceptable
BA	B1.22	N/A	RPV	RPV UPP HD	2-THD-M1	MERID	UT	XI	Acceptable
BA	B1.22	N/A	RPV	RPV UPP HD	2-THD-M2	MERID	UT	XI	Acceptable
BA	B1.22	N/A	RPV	RPV UPP HD	2-THD-M3	MERID	UT	XI	Acceptable
BA	B1.40	N/A	RPV	RPV UPP HD	2-THD-FLGA	THD-FLG	MT	XI	Acceptable
							UT	XI	
BA	B1.40	N/A	RPV	RPV UPP HD	2-THD-FLGB	THD-FLG	MT	XI	See Section III
							UT	XI	
BA	B1.40	N/A	RPV	RPV UPP HD	2-THD-FLGC	THD-FLG	MT	XI	Acceptable
							UT	XI	
BD	B3.100	N/A	RPV	RPV LWR HD	N12-1	NIR	VT-2	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N19B-1	NIR	UT	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N1A-1	NIR	UT	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N20A-1	NIR	UT	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N2A-1	NIR	UT	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N2B-1	NIR	UT	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N2C-1	NIR	UT	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N2D-1	NIR	UT	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N2E-1	NIR	UT	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N2F-1	NIR	UT	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N5B-1	NIR	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N19B-2	NOZ-RPV	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N1A-2	RPV-NOZ	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N20A-2	RPV-NOZ	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N2A-2	NOZ-RPV	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N2B-2	NOZ-RPV	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N2C-2	NOZ-RPV	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N2D-2	NOZ-RPV	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N2E-2	NOZ-RPV	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N2F-2	NOZ-RPV	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N5B-2	RPV-NOZ	UT	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	B4.11	N/A	RPV	RPV UPP HD	N7-2	RPV-NOZ	VT-2	XI	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
BE	B4.12	N/A	RPV	RPV LWR HD	A11-0243-1	RPV-SL	VT-2	XI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	A5-0219-1	RPV-SL	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-SL	VT-2	XI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	E15-1859-1	RPV-SL	VT-2	XI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	L1-4203-1	RPV-SL	VT-2	XI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	L15-4259-1	RPV-SL	VT-2	XI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	R11-5843-1	RPV-SL	VT-2	XI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	R5-5819-1	RPV-SL	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	PT	XI	Acceptable
							UT	XI88	
BF	B5.10	GL88-01 D	RHS	0304-6	N18A-3	SE-NOZ	UT	88	Acceptable
BF	B5.10	GL88-01 C	RRAD	0201H-12	N2A-3	SE-NOZ	PT	XI	Acceptable
							UT	XI88	
BF	B5.10	GL88-01 C	RRAD	0201J-12	N2B-3	SE-NOZ	PT	XI	Acceptable
							UT	XI88	
BF	B5.10	GL88-01 D	RRAD	0201K-12	N2C-3	SE-NOZ	PT	XI	Acceptable
							UT	XI88	
BF	B5.10	GL88-01 C	RRAD	0201L-12	N2D-3	SE-NOZ	PT	XI	Acceptable
							UT	XI88	
BF	B5.10	GL88-01 D	RRBD	0201C-12	N2F-3	SE-NOZ	PT	XI	Acceptable
							UT	XI88	
BF	B5.10	GL88-01 C	RRBD	0201D-12	N2G-3	SE-NOZ	PT	XI	Acceptable
							UT	XI88	
BF	B5.10	GL88-01 D	RRBD	0201E-12	N2H-3	SE-NOZ	UT	88	Acceptable
BF	B5.10	GL88-01 D	RRBS	0202B-28	N1B-3	NOZ-SE	UT	88	Acceptable
BF	B5.130	GL88-01 A	CSBD	1404-10	S-67	P-P	PT	XI	Acceptable
							UT	XI88	
BF	B5.130	GL88-01 A	CSBD	1404-10	W-15	EL-VLV	PT	XI	Acceptable
							UT	XI88	
BF	B5.130	GL88-01 A	CSBD	1404-10	W-16	VLV-P	PT	XI	Acceptable
							UT	XI88	
BF	B5.130	GL88-01 D	RHV	0215-4	4-1	FLG-P	UT	88	Acceptable
BF	B5.130	GL88-01 A	SDC	1001A-16	16-9(A)	VLV-EL	PT	BL	Acceptable
							UT	BL	
BF	B5.130	GL88-01 A	SDC	1001B-16	16-11(A)	VLV-P	PT	BL	Acceptable
							UT	BL	
BF	B5.150	N/A	RVBD	0207-2	2-5	SWE-P	PT	XI	Acceptable
BF	B5.20	N/A	LVLA	LVLA	N16A-3	NOZ-SE	PT	XI	Acceptable

Section II
Scope of Inspection

ISI and Augmented Examinations
Table A

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BF	B5.20	N/A	SBLC	1102-2	N12-3	SE-NOZ	PT	XI	Acceptable
BG1	B6.20	N/A	RPV	RPV UPP HD	HD STUDS (92)	FLGBLT	UT	XI	Acceptable
BG1	B6.40	N/A	RPV	RPV UPP HD	FLG THRDS (92)	FLGBLT	UT	XI	Acceptable
BG2	B7.50	N/A	ISCOCR	1303-4	12-14-FLG	FLGBLT	VT-1	BL	Acceptable
BG2	B7.50	N/A	RHV	0215-4	4A-1(A)-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RRAD	0203A-3	SPM-45-27-FLG	FLGBLT	VT-1	BL	Acceptable
BG2	B7.50	N/A	RRAS	0202A-3	3-2-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RRBD	0203B-3	SPM-45-27-FLG	FLGBLT	VT-1	BL	Acceptable
BG2	B7.70	N/A	CSAD	1403-10	AO-2-1402-9A	VLVBLT	VT-1	XI	Acceptable
BG2	B7.70	N/A	CSAD	1403-10	MO-2-1402-25A	VLVBLT	VT-1	XI	Acceptable
BG2	B7.70	N/A	CSBD	1404-10	MO-2-1402-25B	VLVBLT	VT-1	XI	Acceptable
BG2	B7.70	N/A	FWB	3204B-18	220-62B	VLVBLT	VT-1	XI	See Section III
							VT-1	BL	
BG2	B7.70	N/A	HPCISS	2305-10	MO-2301-4	VLVBLT	VT-1	XI	Acceptable
							VT-1	BL	
BG2	B7.70	N/A	HPCISS	2305-10	MO-2301-5	VLVBLT	VT-1	XI	See Section III
							VT-1	BL	
BG2	B7.70	N/A	LPCIAD	1506-16	AO-2-1501-25A	VLVBLT	VT-1	XI	Acceptable
BG2	B7.70	N/A	LPCIAD	1506-16	MO-2-1501-22A	VLVBLT	VT-1	XI	Acceptable
BG2	B7.70	N/A	LPCIBD	1519-16	MO-2-1501-22B	VLVBLT	VT-1	XI	Acceptable
BG2	B7.70	N/A	MSA	3001A-20	AO-203-1A	VLVBLT	VT-1	XI	Acceptable
BG2	B7.70	N/A	MSB	3001B-20	AO-203-1B	VLVBLT	VT-1	XI	Acceptable
							VT-1	BL	
BG2	B7.70	N/A	MSB	3001B-6	ERV-203-3B	VLVBLT	VT-1	XI	Acceptable
BG2	B7.70	N/A	MSB	3001B-6	ERV-203-3E	VLVBLT	VT-1	XI	Acceptable
BG2	B7.70	N/A	MSC	3001C-20	AO-203-1C	VLVBLT	VT-1	XI	Acceptable
							VT-1	BL	
BG2	B7.70	N/A	MSC	3001C-20	AO-203-2C	VLVBLT	VT-1	XI	Acceptable
BG2	B7.70	N/A	MSD	3001D-6	ERV-203-3D	VLVBLT	VT-1	BL	Acceptable
BG2	B7.70	N/A	RRAD	0201A-28	MO-0202-5A	VLVBLT	VT-1	BL	Acceptable
BG2	B7.70	N/A	RWCU	1201-8	MO-2-1201-1	VLVBLT	VT-1	XI	Acceptable
BG2	B7.70	N/A	RWCU	1202-8	MO-2-1201-3	VLVBLT	VT-1	XI	Acceptable
BG2	B7.80	N/A	RPV	RPV LWR HD	CRD BLT/STD/NUT	FLGBLT	VT-1	XI	Acceptable
BJ	B9.11	N/A	CSBD	1404-10	S-65	P-EL	PT	XI	Acceptable
							UT	XI	
BJ	B9.11	GL88-01 A	CSBD	1404-10	W-17	P-SE	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 C	ISCOCR	1303-12	12-11	P-EL	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 C	ISCOCR	1303-12	12-K7	EL-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 A	ISCOCR	1303-4	12-14	SWP-FLG	PT	BL	Acceptable
							UT	BL	
BJ	B9.11	GL88-01 D	ISCOSS	1302-14	14-2	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 C	ISCOSS	1302-14	14-3	VLV-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	ISCOSS	1302-14	14-3A	P-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	ISCOSS	1302-14	14-4	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 D	ISCOSS	1302-14	14-5	EL-P	PT	XI	Acceptable
							UT	XI88	
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-K3	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 D	ISCOSS	1302-14	14-K4	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	ISCOSS	1302-14	14-K5	EL-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 C	ISCOSS	1302-14	14-K6	P-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	JPIA	JPIA	N20A-4	SE-RED	UT	88	Acceptable
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 D	LPCIAD	1506-16	16-10	EL-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIAD	1506-16	16-11	VLV-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIAD	1506-16	16-11A	P-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIAD	1506-16	16-13	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIAD	1506-16	16-14	VLV-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIAD	1506-16	16-15	P-TEE	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 C	LPCIAD	1506-16	16-K10	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	LPCIAD	1506-16	16-K4	P-P	UT	88	Acceptable
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-K6	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIAD	1506-16	16-K7	EL-EL	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 C	LPCIBD	1519-16	16-11	VLV-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIBD	1519-16	16-12	P-TEE	PT	XI	Acceptable
							UT	XI88	
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-K9	EL-P	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	N/A	MSC	3001C-20	20-K1	P-EL	MT	XI	Acceptable
							UT	XI	
BJ	B9.11	N/A	MSC	3001C-20	N3C-3	NOZ-SE	MT	XI	Acceptable
							UT	XI	
BJ	B9.11	N/A	MSD	3001D-20	20-3	P-EL	MT	XI	Acceptable
							UT	XI	
BJ	B9.11	N/A	MSD	3001D-20	20-K2	EL-P	MT	XI	Acceptable
							UT	XI	
BJ	B9.11	N/A	MSD	3001D-20	N3D-3	NOZ-SE	MT	XI	Acceptable
							UT	XI	
BJ	B9.11	GL88-01 D	RHS	0304-6	6A-1	FLG-SE	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201A-22	0202-6A/L3	VLV-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRAD	0201A-22	0202-6B/L3	VLV-P	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRAD	0201A-22	L1-D24	P-CAP	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 C	RRAD	0201A-22	L2-D17A	CRO-P	PT	XI	Acceptable
							UT	XI88	
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 E	RRAD	0201A-28	202-5A/PD1B	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 F	RRAD	0201A-28	PD1A-D14	EL-P	PT	XI	See Section III
							UT	XI88	
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	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 D	RRAD	0201A-28	PD1B/202-1A	PMP-P	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRAD	0201H-12	PD4-D22	EL-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 E	RRAD	0201H-12	PD4-D23	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRAD	0201H-12	PD4/201-1	P-SE	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201H-12	PD4/L1	SWP-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 E	RRAD	0201J-12	PD5-D20	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRAD	0201J-12	PD5-D21	P-EL	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 C	RRAD	0201J-12	PD5/201-1	P-SE	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 D	RRAD	0201J-12	PD5/L1	SWP-P	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRAD	0201K-12	PD6-D18	EL-P	UT	88	Acceptable

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Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BJ	B9.11	GL88-01 E	RRAD	0201K-12	PD6-D19	P-EL	PT	XI	Acceptable
							UT	XI88	
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 E	RRAD	0201L-12	PD1-D15	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRAD	0201L-12	PD1-D16	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRAD	0201L-12	PD1/201-1	P-SE	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRAD	0201L-12	PD1/L2	RED-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 E	RRAD	0201M-12	PD19-D13	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRAD	0201M-12	PD19-D14	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201M-12	PD19/L2	SWP-P	UT	88	Acceptable
BJ	B9.11	GL88-01 A	RRAD	0203A-4	SPM-45-25(A)	SWP-CAP	PT	BL	Acceptable
							UT	BL	
BJ	B9.11	GL88-01 A	RRAD	0203A-4	SPM-45-7(A)	SWP-RED	PT	BL	Acceptable
							UT	BL	
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-D2	EL-TEE	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRAS	0202A-28	PS1-2-D3	TEE-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRAS	0202A-28	PS1-2/PS1-2A	P-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAS	0202A-28	PS1-2A/202-4A	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRAS	0202A-28	PS1A-D5	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAS	0202A-28	PS1A/202-1A	P-EL	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 D	RRBD	0201B-22	L4/202-6B	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRBD	0201B-22	L5-D3	P-CAP	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	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 D	RRBD	0201B-22	L5/L4	CRO-P	PT	XI	Acceptable
							UT	XI88	
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	PD1D/D12	P-TEE	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201B-28	PD1D/L5	TEE-CRO	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRBD	0201C-12	PD7-D11	EL-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 E	RRBD	0201C-12	PD7-D12	P-EL	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 C	RRBD	0201C-12	PD7/L4	SWP-P	PT	XI	Acceptable
							UT	XI88	

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Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BJ	B9.11	GL88-01 E	RRBD	0201D-12	PD8-D10	P-EL	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 E	RRBD	0201D-12	PD8-D9	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRBD	0201D-12	PD8/201-1	P-SE	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 D	RRBD	0201D-12	PD8/L4	SWP-P	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRBD	0201E-12	PD9-D7	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRBD	0201E-12	PD9-D8	P-EL	PT	XI	Acceptable
							UT	XI88	
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 E	RRBD	0201F-12	PD2-D4	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRBD	0201F-12	PD2-D5	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201F-12	PD2/L5	RED-P	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRBD	0201G-12	PD3-D1	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRBD	0201G-12	PD3-D2	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201G-12	PD3/L5	SWP-P	UT	88	Acceptable
BJ	B9.11	GL88-01 A	RRBD	0203B-4	SPM-45-18(A)	SWP-RED	PT	BL	Acceptable
							UT	BL	
BJ	B9.11	GL88-01 A	RRBD	0203B-4	SPM-45-19(A)	SWP-CAP	PT	BL	Acceptable
							UT	BL	
BJ	B9.11	GL88-01 E	RRBS	0202B-28	202-1B-D4	EL-PMP	PT	BL	Acceptable
							UT	BL	
BJ	B9.11	GL88-01 D	RRBS	0202B-28	202-4B/PS2A	VLV-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBS	0202B-28	PS2-TEE/202-4B	TEE-VLV	UT	88	See Section III
BJ	B9.11	GL88-01 D	RRBS	0202B-28	PS2/201-1	SE-EL	UT	88	Acceptable
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 E	RWCU	1201-8	8-12	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RWCU	1201-8	8-14	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RWCU	1201-8	8-15	EL-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 A	RWCU	1201-8	8-15-A	EL-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 E	RWCU	1201-8	8-16	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 A	RWCU	1201-8	8-20-A	VLV-EL	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 E	RWCU	1201-8	8-K12	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RWCU	1201-8	8-K13	P-EL	UT	88	Acceptable

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Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BJ	B9.11	GL88-01 E	RWCU	1201-8	8-K14	EL-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 E	RWCU	1201-8	8-K15	P-P	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RWCU	1201-8	8-K16	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RWCU	1201-8	8-K17	P-EL	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 D	SDC	1001A-16	16-10(A)	P-VLV	PT	BL	Acceptable
							UT	BL	
BJ	B9.11	GL88-01 D	SDC	1001A-16	16-11	TEE-P	PT	XI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 D	SDC	1001B-16	16-10(A)	P-VLV	PT	BL	Acceptable
							UT	BL	
BJ	B9.11	N/A	SDC	1001B-16	16-13	P-P	PT	BL	Acceptable
							UT	BL	
BJ	B9.11	GL88-01 E	SDC	1001B-16	16-8	TEE-EL	PT	XI	Acceptable
							UT	XI88	
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	B9.21	N/A	RHS	0304-2.5	HS2.5-20	P-EL	PT	XI	Acceptable
BJ	B9.21	N/A	RHS	0304-2.5	HS2.5-24	EL-P	PT	XI	Acceptable
BJ	B9.21	N/A	RHS	0304-2.5	HS2.5-34(A)	VLV-EL	MT	BL	Acceptable
BJ	B9.21	N/A	RRAD	0203A-3	SPM-45-27	RED-FLG	PT	BL	Acceptable
BJ	B9.21	N/A	RRBD	0203B-3	SPM-45-27	RED-FLG	PT	BL	Acceptable
BJ	B9.21	N/A	SBLC	1102-1.5	SLC1.5-30	P-F	PT	XI	Acceptable
BJ	B9.21	N/A	SBLC	1102-2	SLC2-1	TEE-SE	PT	XI	Acceptable
BJ	B9.31	GL88-01 A	ISCOCR	1303-12	12-13	BPC	PT	BL	Acceptable
							UT	BL	
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	UT	88	Acceptable
BJ	B9.31	GL88-01 D	RRBD	0201B-28	4X-3	P-SWP	PT	XI	Acceptable
							UT	XI88	
BJ	B9.31	GL88-01 D	RRBD	0201B-28	4X-4	P-SWP	PT	XI	Acceptable
							UT	XI88	
BJ	B9.32	N/A	RRAS	0202A-28	2-1	P-SWP	PT	XI	Acceptable
BJ	B9.32	N/A	RRAS	0202A-28	3-1	BPC	PT	XI	Acceptable
BJ	B9.32	N/A	RRBD	0202-6B-2	0202-6B/B0	BPC	PT	XI	Acceptable
BJ	B9.32	N/A	RRBD	0202-6B-2	0202-6B/B15	BPC	PT	XI	Acceptable
BJ	B9.32	N/A	RRBS	0202B-28	2-1	P-SWP	PT	XI	Acceptable
BJ	B9.40	N/A	MSDN	3007-2	MSD2-1(A)	SWR-SWT	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007-2	MSD2-2(A)	SWR-SWT	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007-2	MSD2-3(A)	SWT-P	MT	BL	Acceptable

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Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BJ	B9.40	N/A	MSDN	3007-2	MSD2-4(A)	P-SWT	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007-2	MSD2-5(A)	P-SWT	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007-2	MSD2-6(A)	SWT-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007-2	MSD2-7(A)	SWR-SWT	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007-2	MSD2-8(A)	SWR-SWT	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007-2	MSD2-9(A)	SWT-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007A-1.5	MSDA1.5-10	P-SWE	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007A-1.5	MSDA1.5-11	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007A-1.5	MSDA1.5-3(A)	P-SWE	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007A-1.5	MSDA1.5-4(A)	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007A-1.5	MSDA1.5-5(A)	P-SWR	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007A-1.5	MSDA1.5-6	P-SWE	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007A-1.5	MSDA1.5-7	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007A-1.5	MSDA1.5-8	P-SWE	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007A-1.5	MSDA1.5-9	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007B-1.5	MSDB1.5-10(A)	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007B-1.5	MSDB1.5-11(A)	P-SWR	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007B-1.5	MSDB1.5-12	P-SWE	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007B-1.5	MSDB1.5-13	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007B-1.5	MSDB1.5-3(A)	P-SWE	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007B-1.5	MSDB1.5-4(A)	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007B-1.5	MSDB1.5-5(A)	P-SWE	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007B-1.5	MSDB1.5-6(A)	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007B-1.5	MSDB1.5-7(A)	P-SWE	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007B-1.5	MSDB1.5-8(A)	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007B-1.5	MSDB1.5-9(A)	P-SWE	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007C-1.5	MSDC1.5-10(A)	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007C-1.5	MSDC1.5-11(A)	P-SWE	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007C-1.5	MSDC1.5-12(A)	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007C-1.5	MSDC1.5-13(A)	P-SWR	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007C-1.5	MSDC1.5-3(A)	P-SWE	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007C-1.5	MSDC1.5-4(A)	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007C-1.5	MSDC1.5-5(A)	P-SWE	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007C-1.5	MSDC1.5-6(A)	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007C-1.5	MSDC1.5-7(A)	P-SWE	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007C-1.5	MSDC1.5-8(A)	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007C-1.5	MSDC1.5-9(A)	P-SWE	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007D-1.5	MSDD1.5-10	P-SWE	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007D-1.5	MSDD1.5-11	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007D-1.5	MSDD1.5-3(A)	P-SWE	MT	BL	Acceptable

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Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BJ	B9.40	N/A	MSDN	3007D-1.5	MSDD1.5-4(A)	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007D-1.5	MSDD1.5-5(A)	P-SWR	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007D-1.5	MSDD1.5-6	P-SWE	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007D-1.5	MSDD1.5-7	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007D-1.5	MSDD1.5-8	P-SWE	MT	BL	Acceptable
BJ	B9.40	N/A	MSDN	3007D-1.5	MSDD1.5-9	SWE-P	MT	BL	Acceptable
BJ	B9.40	N/A	RHV	0214-2	HV2-32	P-SWE	PT	XI	Acceptable
BJ	B9.40	N/A	RHV	0214-2	HV2-34	P-SWE	PT	XI	Acceptable
BJ	B9.40	N/A	RHV	0214-2	HV2-39	SWE-P	PT	XI	Acceptable
BJ	B9.40	N/A	RRAS	0204A-2	2-8	SWV-P	PT	XI	Acceptable
BJ	B9.40	N/A	RRBD	0202-6B-2	0202-6B/B12	EL-P	PT	XI	Acceptable
BJ	B9.40	N/A	RRBD	0202-6B-2	0202-6B/B4	SWE-P	PT	XI	Acceptable
BJ	B9.40	N/A	RRBS	0204B-2	2-2	SWP-P	PT	XI	Acceptable
BJ	B9.40	N/A	RRBS	0204B-2	2-6	SWT-P	PT	XI	Acceptable
BJ	B9.40	N/A	RVBD	0207-2	2-10(A)	P-SWT	PT	BL	Acceptable
BJ	B9.40	N/A	RVBD	0207-2	2-11(A)	SWT-P	PT	BL	Acceptable
BJ	B9.40	N/A	RVBD	0207-2	2-12(A)	P-SWT	PT	BL	Acceptable
BJ	B9.40	N/A	RVBD	0207-2	2-13(A)	SWT-P	PT	BL	Acceptable
BJ	B9.40	N/A	RVBD	0207-2	2-14(A)	P-SWV	PT	BL	Acceptable
BJ	B9.40	N/A	RVBD	0207-2	2-17	SWT-P	PT	BL	Acceptable
BJ	B9.40	N/A	RVBD	0207-2	2-18	P-SWV	PT	BL	Acceptable
BJ	B9.40	N/A	RVBD	0207-2	2-19	SWV-P	PT	BL	Acceptable
BJ	B9.40	N/A	RVBD	0207-2	2-20	P-FLG	PT	BL	Acceptable
BJ	B9.40	N/A	RVBD	1265-2	2-1(A)	SWT-P	PT	BL	Acceptable
BJ	B9.40	N/A	RVBD	1265-2	2-10	P-SWE	PT	XI	Acceptable
BJ	B9.40	N/A	RVBD	1265-2	2-11	SWE-P	PT	XI	Acceptable
BJ	B9.40	N/A	RVBD	1265-2	2-2(A)	P-SWV	PT	BL	Acceptable
BJ	B9.40	N/A	RVBD	1265-2	2-3(A)	SWV-P	PT	BL	Acceptable
BJ	B9.40	N/A	RVBD	1265-2	2-7	SWE-P	PT	XI	Acceptable
BJ	B9.40	N/A	RWCU	1201-8	2-17	SWP-P	PT	XI	Acceptable
BJ	B9.40	N/A	SBLC	1102-1.5	SLC1.5-10	SWT-P	PT	XI	Acceptable
BJ	B9.40	N/A	SBLC	1102-1.5	SLC1.5-11	RED-SWT	PT	XI	Acceptable
BJ	B9.40	N/A	SBLC	1102-1.5	SLC1.5-17	SWE-P	PT	XI	Acceptable
BJ	B9.40	N/A	SBLC	1102-1.5	SLC1.5-18	P-SWE	PT	XI	Acceptable
BJ	B9.40	N/A	SBLC	1102-1.5	SLC1.5-39	SWE-P	PT	XI	Acceptable
BJ	B9.40	N/A	SBLC	1102-1.5	SLC1.5-40	P-SWE	PT	XI	Acceptable
BJ	B9.40	N/A	SBLC	1102-1.5	SLC1.5-46	SWT-P	PT	XI	Acceptable
BJ	B9.40	N/A	SBLC	1102-1.5	SLC1.5-7	SWT-P	PT	XI	Acceptable
BM2	B12.50	N/A	CSAD	1403-10	AO-2-1402-9A	VLV	VT-3/4	XI	Acceptable

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Table A

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BM2	B12.50	N/A	CSAD	1403-10	MO-2-1402-25A	VLV	VT-3/4	XI	Acceptable
BM2	B12.50	N/A	CSBD	1404-10	MO-2-1402-25B	VLV	VT-3/4	XI	Acceptable
BM2	B12.50	N/A	FWB	3204B-18	220-62B	VLV	VT-3/4	XI	Acceptable
BM2	B12.50	N/A	HPCISS	2305-10	MO-2301-4	VLV	VT-3/4	XI	Acceptable
BM2	B12.50	N/A	HPCISS	2305-10	MO-2301-5	VLV	VT-3/4	XI	Acceptable
BM2	B12.50	N/A	LPCIAD	1506-16	AO-2-1501-25A	VLV	VT-3/4	XI	Acceptable
BM2	B12.50	N/A	LPCIAD	1506-16	MO-2-1501-22A	VLV	VT-3/4	XI	Acceptable
BM2	B12.50	N/A	LPCIBD	1519-16	MO-2-1501-22B	VLV	VT-3/4	XI	See Section III
BM2	B12.50	N/A	MSA	3001A-20	AO-203-1A	VLV	VT-3/4	XI	Acceptable
BM2	B12.50	N/A	MSB	3001B-20	AO-203-1B	VLV	VT-3/4	XI	Acceptable
BM2	B12.50	N/A	MSC	3001C-20	AO-203-1C	VLV	VT-3/4	XI	Acceptable
BM2	B12.50	N/A	MSC	3001C-20	AO-203-2C	VLV	VT-3/4	XI	Acceptable
BM2	B12.50	N/A	RRAD	0201A-28	MO-0202-5A	VLV	VT-3/4	XI	Acceptable
BM2	B12.50	N/A	RWCU	1201-8	MO-2-1201-1	VLV	VT-3/4	XI	Acceptable
BM2	B12.50	N/A	RWCU	1202-8	MO-2-1201-3	VLV	VT-3/4	XI	Acceptable
BN1	B13.10	N/A	RPV	RPV SHELL	VESSEL INT	RPV	VT-3/4	XI	See Attach. A
BN2	B13.20	N/A	RPV	RPV SHELL	IN-BELTLINE ATT	IWA	VT-1	XI	See Attach. A
BN2	B13.30	N/A	RPV	RPV SHELL	OUT-BELTLINE AT	IWA	VT-3/4	XI	See Attach. A
BN2	B13.40	N/A	RPV	RPV SHELL	CORE SUPPORT	IWA	VT-3/4	XI	See Attach. A
BP	B15.OT	N/A	N/A	TEST BLOCK	RCPB	N/A	VT-2	XI	See Section III
CB	C2.21	N/A	ISCOSS	1302B-12	12-8	NOZ-SHL	PT UT	XI XI	Acceptable
CC	C3.20	N/A	HPCISS	2305-10	M-1151D-132	IWA	MT	XI	Acceptable
CC	C3.20	N/A	LPCIBD	1509-16	M-3214-17	IWA	MT	XI	Acceptable
CC	C3.20	N/A	LPCIBD	1509-18	M-3214-10	IWA	MT	XI	Acceptable
CC	C3.20	N/A	LPCIBD	1519-18	M-3209-13	IWA	MT	XI	Acceptable
CC	C3.20	N/A	LPCIBD	1530-18	M-3214-43	IWA	MT	XI	Acceptable
CC	C3.20	N/A	LPCITR	1517-14	M-3208-07	IWA	MT	XI	Acceptable
CC	C3.20	N/A	LPCITR	1517-16	M-1164D-569	IWA	MT	XI	Acceptable
CC	C3.20	N/A	LPCITR	1522-16	M-1164D-570	IWA	MT	XI	Acceptable
CC	C3.30	N/A	CSBS	PMP 2B-1401	M-1150D-265	IWA	MT	XI	Acceptable
CF1	C5.11	N/A	ISCOCR	1303A-8	8-2	P-EL	PT UT	XI XI	Acceptable

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Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
CF1	C5.11	N/A	ISCOCR	1303A-8	8-3	EL-P	PT	XI	Acceptable
							UT	XI	
CF1	C5.11	GL88-01 C	ISCOSS	1302-14	14-5	EL-P	PT	XI	Acceptable
							UT	XI88	
CF1	C5.11	GL88-01 D	ISCOSS	1302A-12	12-8	SE-NOZ	PT	XI	Acceptable
							UT	XI88	
CF1	C5.11	GL88-01 D	ISCOSS	1302B-12	12-7	SE-NOZ	PT	XI	Acceptable
							UT	XI88	
CF2	C5.51	N/A	CSAD	1403-12	12-42	P-FLG	MT	BL	Acceptable
							UT	BL	
CF2	C5.51	N/A	CSAD	1403-12	12-43	FLG-P	MT	BL	Acceptable
							UT	BL	
CF2	C5.51	N/A	CSBD	1404-12	12-19	P-EL	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	CSBD	1404-12	12-2	P-EL	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	CSBD	1404-12	12-4	P-EL	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	CSBS	1402-16	16-18	EL-PMP	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	HPCIPD	2304-14	14-33	P-EL	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	LPCIBD	1508B-12	12-2	P-EL	MT	XI	Acceptable
CF2	C5.51	N/A	LPCIBD	1509-18	18-4	VLV-P	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	LPCIBD	1509-18	18-6	EL-P	MT	XI	Acceptable
							UT	XI	
CF2	C5.51	N/A	LPCIBS	1507B-14	14-10	EL-TEE	MT	XI	Acceptable
							UT	XI	
CF2	C5.81	N/A	CSBS	1402-16	16-11	BPC	MT	XI	Acceptable
CH	C7.OT	N/A	N/A	TEST BLOCK	02A1	N/A	VT-2	XI	Acceptable
CH	C7.OT	N/A	N/A	TEST BLOCK	03A1	N/A	VT-2	XI	See Section III
CH	C7.OT	N/A	N/A	TEST BLOCK	11A1	N/A	VT-2	XI	Acceptable
CH	C7.OT	N/A	N/A	TEST BLOCK	13A1	N/A	VT-2	XI	Acceptable
CH	C7.OT	N/A	N/A	TEST BLOCK	14A1	N/A	VT-2	XI	Acceptable
CH	C7.OT	N/A	N/A	TEST BLOCK	14B1	N/A	VT-2	XI	Acceptable
CH	C7.OT	N/A	N/A	TEST BLOCK	14D1	N/A	VT-2	XI	Acceptable
CH	C7.OT	N/A	N/A	TEST BLOCK	14D2	N/A	VT-2	XI	Acceptable
CH	C7.OT	N/A	N/A	TEST BLOCK	15A1	N/A	VT-2	XI	Acceptable

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Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
CH	C7.OT	N/A	N/A	TEST BLOCK	15C1	N/A	VT-2	XI	Acceptable
CH	C7.OT	N/A	N/A	TEST BLOCK	15C2	N/A	VT-2	XI	Acceptable
CH	C7.OT	N/A	N/A	TEST BLOCK	23A1	N/A	VT-2	XI	Acceptable
CH	C7.OT	N/A	N/A	TEST BLOCK	23D1	N/A	VT-2	XI	Acceptable
CH	C7.OT	N/A	N/A	TEST BLOCK	ILRT	N/A	VT-2	XI	Acceptable
DB	D2.IA	N/A	CCSW	1510-16	M-1164D-149	IWA	VT-3/4	XI	Acceptable
DB	D2.IA	N/A	SRVDA	3019A-8	M-1135 SHT 5	IWA	VT-3/4	XI	Acceptable
DB	D2.IA	N/A	SRVDA	3019A-8	M-564E SHT 21	IWA	VT-3/4	XI	Acceptable
DB	D2.OT	N/A	N/A	TEST BLOCK	13A2	N/A	VT-2	XI	Acceptable
DB	D2.OT	N/A	N/A	TEST BLOCK	15A2	N/A	VT-2	XI	Acceptable
DB	D2.OT	N/A	N/A	TEST BLOCK	30A1	N/A	VT-2	XI	Acceptable
DB	D2.OT	N/A	N/A	TEST BLOCK	30A2	N/A	VT-2	XI	Acceptable
DB	D2.OT	N/A	N/A	TEST BLOCK	30A3	N/A	VT-2	XI	Acceptable
DB	D2.OT	N/A	N/A	TEST BLOCK	30A4	N/A	VT-2	XI	Acceptable
DB	D2.OT	N/A	N/A	TEST BLOCK	30A5	N/A	VT-2	XI	Acceptable
DB	D2.OT	N/A	N/A	TEST BLOCK	39A1	N/A	VT-2	XI	Acceptable
DB	D2.OT	N/A	N/A	TEST BLOCK	39F1	N/A	VT-2	XI	Acceptable
FA	F1.CS	N/A	CSAD	1403-10	M-1135 SHT 2	CL 1 SNB	VT-3/4 FT	OTHR OTHR	Acceptable
FA	F1.CS	N/A	CSAD	1403-10	M-1150D-60	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	CSAD	1403-10	X-149A-F	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	CSBD	1404-10	M-1135 SHT 1	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	CSBD	1404-10	X-149B-F	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	FWA	3204C-12	M-1156D-257	CL 1 SUP	VT-3/4	XI	See Section III
FA	F1.CS	N/A	FWA	3204D-12	M-1156D-254	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	FWA	3204D-12	M-1156D-4	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	ISCOCR	1303-12	M-1163D-264	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	ISCOSS	1302-14	M-1163D-263	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	ISCOSS	1302-14	X-108A-F	CL 1 SUP	VT-3/4	BL	Acceptable
FA	F1.CS	N/A	LPCIAD	1506-16	M-1164D-295	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	LPCIAD	1506-16	M-1164D-296	CL 1 SUP	VT-3/4	XI	See Section III
FA	F1.CS	N/A	LPCIAD	1506-16	X-116A-F	CL 1 SUP	VT-3/4	BL	Acceptable
FA	F1.CS	N/A	LPCIBD	1519-16	M-1164D-297	CL 1 SUP	VT-3/4	XI	See Section III
FA	F1.CS	N/A	LPCIBD	1519-16	M-1164D-298	CL 1 SUP	VT-3/4	XI	See Section III
FA	F1.CS	N/A	LPCIBD	1519-16	X-116B-F	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	MSA	3001A -20	M-564E SHT 1	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	MSA	3001A -20	M-564E SHT 2	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	MSA	3001A -20	M-564E SHT 3	CL 1 SNB	VT-3/4	OTHR	Acceptable

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Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
FA	F1.CS	N/A	MSA	3001A -20	M-564E SHT 4	CL 1 SNB	VT-3/4 FT	OTHR OTHR	Acceptable
FA	F1.CS	N/A	MSA	3001A -20	M-569 SHT 21	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	MSA	3001A -8	M-1135 SHT 7	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	MSB	3001B -20	M-564F SHT 1	CL 1 SNB	VT-3/4 FT	OTHR OTHR	Acceptable
FA	F1.CS	N/A	MSB	3001B -20	M-564F SHT 2	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	MSB	3001B -20	M-564F SHT 3	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	MSC	3001C -20	M-564G SHT 1	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	MSC	3001C -20	M-564G SHT 2	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	MSC	3001C -20	M-564G SHT 3	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	MSC	3001C -20	M-569 SHT 3	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	MSD	3001D-20	M-564H SHT 1	CL 1 SNB	VT-3/4	OTHR	See Section III
FA	F1.CS	N/A	MSD	3001D-20	M-564H SHT 2	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	MSD	3001D-20	M-564H SHT 3	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	MSD	3001D-20	M-569 SHT 9	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	MSDN	3007-2	X-106-F	CL 1 SUP	VT-3/4	BL	Acceptable
FA	F1.CS	N/A	RHS	0304-2.5	M-1167D-258	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RHS	0304-2.5	M-1167D-260	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RHS	0304-2.5	M-1167D-261	CL 1 SUP	VT-3/4	XI	See Section III
FA	F1.CS	N/A	RHV	0214-2	M-1178D-1	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RHV	0214-2	M-1178D-10	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RHV	0214-2	M-1178D-11	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RHV	0214-2	M-1178D-2	CL 1 SUP	VT-3/4	XI	See Section III
FA	F1.CS	N/A	RHV	0214-2	M-1178D-3	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RHV	0214-2	M-1178D-4	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RHV	0214-2	M-1178D-5	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RHV	0214-2	M-1178D-6	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RHV	0214-2	M-1178D-7	CL 1 SUP	VT-3/4	XI	See Section III
FA	F1.CS	N/A	RHV	0214-2	M-1178D-8	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RHV	0214-2	M-1178D-9	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RRAD	0201A-22	M-1135 SHT 9	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	RRAD	0201A-22	M-1157D-255	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RRAD	0201A-22	M-1157D-257	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RRAD	0201A-22	M-1157D-258	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RRAD	0201A-22	M-1157D-268	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RRAD	0201A-28	M-1157D-2	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	RRAD	0201A-28	M-1157D-259	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RRAD	0201A-28	M-1157D-282	CL 1 SUP	VT-3/4	XI	See Section III
FA	F1.CS	N/A	RRAD	MO-0202-5A	M-1157D-260	CL 1 SUP	VT-3/4	XI	Acceptable

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Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
FA	F1.CS	N/A	RRAS	0202A-28	M-1157D-252	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RRAS	0202A-28	M-1157D-280	CL 1 SUP	VT-3/4	XI	See Section III
FA	F1.CS	N/A	RRAS	MO-0202-4A	M-1157D-251	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RRAS	PMP 2A-0202	M-1135 SHT 11	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	RRAS	PMP 2A-0202	M-1135 SHT 13	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	RRAS	PMP 2A-0202	M-1135 SHT 14	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	RRAS	PMP 2A-0202	M-1135 SHT 18	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	RRAS	PMP 2A-0202	M-1135 SHT 3	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	RRAS	PMP 2A-0202	M-1135 SHT 8	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	RRAS	PMP 2A-0202	M-1157D-276	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RRAS	PMP 2A-0202	M-1157D-277	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RRAS	PMP 2A-0202	M-1157D-278	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RRBD	0201B-22	M-1157D-256	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RRBD	0201B-22	M-1157D-263	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RRBD	0201B-22	M-1157D-264	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RRBD	0201B-22	M-1157D-3	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	RRBD	0201B-28	M-1157D-1	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	RRBD	0201B-28	M-1157D-279	CL 1 SUP	VT-3/4	XI	See Section III
FA	F1.CS	N/A	RRBS	0202B-28	M-1157D-253	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RRBS	0202B-28	M-1157D-281	CL 1 SUP	VT-3/4	XI	See Section III
FA	F1.CS	N/A	RRBS	MO-0202-4B	M-1157D-254	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RRBS	PMP 2B-0202	M-1135 SHT 10	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	RRBS	PMP 2B-0202	M-1135 SHT 12	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	RRBS	PMP 2B-0202	M-1135 SHT 15	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	RRBS	PMP 2B-0202	M-1135 SHT 16	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	RRBS	PMP 2B-0202	M-1135 SHT 17	CL 1 SNB	VT-3/4 FT	OTHR OTHR	Acceptable
FA	F1.CS	N/A	RRBS	PMP 2B-0202	M-1135 SHT 19	CL 1 SNB	VT-3/4	OTHR	Acceptable
FA	F1.CS	N/A	RVBD	0207-2	M-1159D-505	CL 1 SUP	VT-3/4	BL	Acceptable
FA	F1.CS	N/A	RVBD	0207-2	M-1159D-510	CL 1 SUP	VT-3/4	BL	Acceptable
FA	F1.CS	N/A	RVBD	1265-2	M-1159D-506 SH1	CL 1 SUP	VT-3/4 VT-3/4	XI BL	Acceptable
FA	F1.CS	N/A	RVBD	1265-2	M-1159D-509	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	RWCU	1201-8	M-1159D-3	CL 1 SNB	VT-3/4	OTHR	See Section III
FA	F1.CS	N/A	RWCU	1201-8	M-1159D-4	CL 1 SNB	VT-3/4 FT	OTHR OTHR	Acceptable
FA	F1.CS	N/A	SBLC	1102-1.5	M-1154D-262	CL 1 SUP	VT-3/4	XI	See Section III
FA	F1.CS	N/A	SBLC	1102-1.5	M-1154D-263	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	SBLC	1102-1.5	M-1154D-264	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	SBLC	1102-1.5	M-1154D-265	CL 1 SUP	VT-3/4	XI	Acceptable

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Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
FA	F1.CS	N/A	SBLC	1102-1.5	M-1154D-266	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	SBLC	1102-1.5	M-1154D-267	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	SBLC	1102-1.5	M-1154D-268	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	SBLC	1102-1.5	M-1154D-3	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	SBLC	1102-1.5	M-1154D-55	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	SBLC	1102-1.5	M-1154D-556	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	SBLC	1102-1.5	M-1154D-59	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	SBLC	1102-1.5	X-130-F	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	SDC	1001A-14	M-1165D-252	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	SDC	1001A-16	M-1159D-2	CL 1 SNB	VT-3/4 FT	OTHR OTHR	See Section III
FA	F1.CS	N/A	SDC	1001A-16	M-1165D-251	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	SDC	1001A-16	X-111A-F	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	SDC	1001B-14	M-1165D-53	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	SDC	1001B-16	M-1165D-52	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.CS	N/A	SDC	1001B-16	X-111B-F	CL 1 SUP	VT-3/4	XI	See Section III
FA	F1.CS	N/A	SDC	1001C-14	M-1165D-51	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	CRDSD	0318A-20	M-1152D-1201	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	CRDSD	0318A-20	M-1152D-1202	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	CRDSD	0318B-20	M-1152D-1251	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	CRDSD	0318B-20	M-1152D-1252	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	CRDSD	0408A-6	M-1152D-1010	CL 2 SNB	VT-3/4	OTHR	Acceptable
FA	F2.CS	N/A	CSAD	1403-10	M-1150D-56	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	CSAD	1403-10	M-1150D-57	CL 2 SUP	VT-3/4	XI	See Section III
FA	F2.CS	N/A	CSAD	1403-12	M-1150D-260	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	CSAD	1403-12	M-1150D-51	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	CSAD	1403-12	M-1150D-52	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	CSAD	1403-12	M-1150D-53	CL 2 SUP	VT-3/4	XI	See Section III
FA	F2.CS	N/A	CSAD	1403-12	M-1150D-54	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	CSAS	1401-16	M-3202-34	CL 2 SUP	VT-3/4	XI	See Section III
FA	F2.CS	N/A	CSAS	1401-16	M-3202-35	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	CSBD	1404-10	M-3209-33	CL 2 SUP	VT-3/4	XI	See Section III
FA	F2.CS	N/A	CSBD	1404-10	M-3209-36	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	CSBD	1404-12	M-3209-20	CL 2 SNB	VT-3/4	OTHR	Acceptable
FA	F2.CS	N/A	CSBD	1404-12	M-3209-21	CL 2 SNB	VT-3/4	OTHR	Acceptable
FA	F2.CS	N/A	CSBD	1404-12	M-3209-27	CL 2 SUP	VT-3/4	XI	See Section III
FA	F2.CS	N/A	CSBD	1404-12	M-3209-28	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	CSBD	1404-12	M-3209-30	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	CSBD	1404-12	M-3209-31	CL 2 SUP	VT-3/4	XI	See Section III
FA	F2.CS	N/A	CSBD	1404-12	M-3209-34	CL 2 SUP	VT-3/4	XI	See Section III

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ISI and Augmented Examinations
Table A

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
FA	F2.CS	N/A	CSBS	1402-16	M-3204-14	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	CSBS	PMP 2B-1401	M-1150D-265	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	HPCIPD	2304-14	M-1151D-281	CL 2 SUP	VT-3/4	BL	Acceptable
FA	F2.CS	N/A	HPCIPD	2304-14	M-1151D-282	CL 2 SUP	VT-3/4	BL	Acceptable
FA	F2.CS	N/A	HPCIPD	2304-14	M-1151D-283	CL 2 SUP	VT-3/4	BL	Acceptable
FA	F2.CS	N/A	HPCISS	2305-10	M-1151D-113	CL 2 SNB	VT-3/4	OTHR	Acceptable
FA	F2.CS	N/A	HPCISS	2305-10	M-1151D-114	CL 2 SNB	VT-3/4	OTHR	Acceptable
							FT	OTHR	
FA	F2.CS	N/A	ISCOCR	1303-12	M-1163D-51	CL 2 SNB	VT-3/4	OTHR	Acceptable
FA	F2.CS	N/A	ISCOCR	1303-12	M-1163D-72	CL 2 SNB	VT-3/4	OTHR	Acceptable
FA	F2.CS	N/A	ISCOCR	1303-12	M-1163D-80	CL 2 SNB	VT-3/4	OTHR	Acceptable
							FT	OTHR	
FA	F2.CS	N/A	ISCOCR	1303-12	M-1163D-81	CL 2 SNB	VT-3/4	OTHR	Acceptable
FA	F2.CS	N/A	LPCIAD	1503A-14	M-3214-31	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCIAD	1503B-14	M-3214-30	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCIAD	1504-10	M-3213-18	CL 2 SNB	VT-3/4	OTHR	Acceptable
FA	F2.CS	N/A	LPCIAD	1504-16	M-3213-12	CL 2 SNB	VT-3/4	OTHR	Acceptable
FA	F2.CS	N/A	LPCIAD	1504-16	M-3213-16	CL 2 SUP	VT-3/4	BL	Acceptable
FA	F2.CS	N/A	LPCIAD	1506-18	M-3208-05	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCIAD	1506-18	M-3208-11	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCIAD	1506-18	M-3208-13	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCIAD	1506-18	M-3208-14	CL 2 SUP	VT-3/4	XI	See Section III
FA	F2.CS	N/A	LPCIAD	1506-18	M-3213-06	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCIAD	1506-18	M-3213-07	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCIAD	1506-18	M-3213-08	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCIAD	1534-18	M-3214-41	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCIAD	1534-18	M-3214-42	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCIBD	1509-16	M-3214-03	CL 2 SUP	VT-3/4	XI	Acceptable
							VT-3/4	BL	
FA	F2.CS	N/A	LPCIBD	1509-16	M-3214-05	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCIBD	1509-16	M-3214-11	CL 2 SUP	VT-3/4	XI	See Section III
							VT-3/4	BL	
FA	F2.CS	N/A	LPCIBD	1509-16	M-3214-14	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCIBD	1509-16	M-3214-17	CL 2 SUP	VT-3/4	BL	Acceptable
FA	F2.CS	N/A	LPCIBD	1509-16	M-3214-21	CL 2 SUP	VT-3/4	XI	See Section III
FA	F2.CS	N/A	LPCIBD	1519-18	M-3209-03	CL 2 SUP	VT-3/4	XI	See Section III
FA	F2.CS	N/A	LPCIBD	1519-18	M-3209-11	CL 2 SUP	VT-3/4	XI	See Section III
FA	F2.CS	N/A	LPCIBD	1519-18	M-3209-12	CL 2 SUP	VT-3/4	XI	See Section III
FA	F2.CS	N/A	LPCIBD	1519-18	M-3209-13	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCIBD	1519-18	M-3214-08	CL 2 SUP	VT-3/4	XI	See Section III

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Table A

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
FA	F2.CS	N/A	LPCIBD	1519-18	M-3214-09	CL 2 SNB	VT-3/4	OTHR	Acceptable
FA	F2.CS	N/A	LPCIBD	1519-18	M-3214-20	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCIBD	1519-18	M-3214-36	CL 2 SUP	VT-3/4	XI	See Section III
FA	F2.CS	N/A	LPCIHX	HTEX 2B-1503	M-1164D-578	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCIHX	HTEX 2B-1503	M-1164D-579	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCITR	1517-14	M-3208-02	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCITR	1517-14	M-3208-03	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCITR	1517-14	M-3208-04	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCITR	1517-14	M-3208-06	CL 2 SUP	VT-3/4	OTHR	Acceptable
FA	F2.CS	N/A	LPCITR	1517-14	M-3208-07	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCITR	1517-14	M-3208-09	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCITR	1517-16	M-1164D-569	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F2.CS	N/A	LPCITR	1522-14	M-3209-05	CL 2 SNB	VT-3/4	OTHR	Acceptable
FA	F2.CS	N/A	LPCITR	1522-14	M-3209-07	CL 2 SNB	VT-3/4	OTHR	Acceptable
FA	F3.CS	N/A	CCSW	1510-16	M-1164D-149	CL 3 SUP	VT-3/4	XI	See Section III
FA	F3.CS	N/A	CCSW	1510-16	M-1164D-285	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	CCSW	1510-16	M-1164D-288	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	CCSW	1510-16	M-1164D-290	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	CCSW	1510A-10	M-1164D-88	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	CCSW	1510B-10	M-1164D-89	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	CCSW	1514-16	M-1164D-262	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	CCSW	1514-16	M-1164D-264	CL 3 SUP	VT-3/4	XI	See Section III
FA	F3.CS	N/A	CCSW	1514-16	M-1164D-93	CL 3 SUP	VT-3/4	XI	See Section III
FA	F3.CS	N/A	CCSW	1514C-10	M-1164D-261	CL 3 SUP	VT-3/4	XI	See Section III
FA	F3.CS	N/A	CCSW	1514C-10	M-1164D-64	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	DGSW	3930-6	M-4043	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	DGSW	3930-8	M-1162D-109	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	DGSW	3930-8	M-1162D-141	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	DGSW	3930-8	M-1162D-142	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	DGSW	3930-8	M-1162D-145	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	DGSW	3930-8	M-1162D-147	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	DGSW	3930-8	M-1162D-267	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	DGSW	3930-8	M-1162D-268	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	DGSW	3930-8	M-1162D-575	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	DGSW	3930-8	M-1162D-577	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	DGSW	3930-8	M-1162D-578	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	DGSW	3930-8	M-4044	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	SRVDA	3019A-8	M-1135 SHT 5	CL 3 SNB	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	SRVDA	3019A-8	M-1135 SHT 6	CL 3 SNB	VT-3/4	OTHR	Acceptable
							FT	OTHR	

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ISI and Augmented Examinations
Table A

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
FA	F3.CS	N/A	SRVDA	3019A-8	M-564E SHT 10	CL 3 SNB	VT-3/4	OTHR	Acceptable
FA	F3.CS	N/A	SRVDA	3019A-8	M-564E SHT 11	CL 3 SNB	VT-3/4	OTHR	Acceptable
FA	F3.CS	N/A	SRVDA	3019A-8	M-564E SHT 12	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	SRVDA	3019A-8	M-564E SHT 14	CL 3 SUP	VT-3/4	XI	See Section III
FA	F3.CS	N/A	SRVDA	3019A-8	M-564E SHT 17	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	SRVDA	3019A-8	M-564E SHT 18	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	SRVDA	3019A-8	M-564E SHT 21	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F3.CS	N/A	SRVDB	3019B-8	M-564F SHT 15	CL 3 SNB	VT-3/4 FT	OTHR OTHR	Acceptable
FA	F3.CS	N/A	SRVDC	3019C-8	M-564G SHT 8	CL 3 SNB	VT-3/4	OTHR	Acceptable
FA	F3.CS	N/A	SRVDC	3019C-8	M-564G SHT 9	CL 3 SNB	VT-3/4	OTHR	Acceptable
FA	F3.CS	N/A	SRVDD	3019D-8	M-564H SHT 9	CL 3 SNB	VT-3/4	OTHR	Acceptable
FA	F3.CS	N/A	SRVDE	3019E-8	M-564E SHT 6	CL 3 SNB	VT-3/4	OTHR	Acceptable

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Expansions
Table B

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BA	B1.40	N/A	RPV	RPV UPP HD	2-THD-FLGD	THD-FLG	UT		Acceptable
BA	B1.40	N/A	RPV	RPV UPP HD	2-THD-FLGE	THD-FLG	UT		Acceptable
BA	B1.40	N/A	RPV	RPV UPP HD	2-THD-FLGF	THD-FLG	UT		Acceptable
FA	F2.CS	N/A	CSAD	1403-12	M-1150D-259	CL 2 SUP	VT-3/4		See Section III
FA	F2.CS	N/A	CSAD	1403-12	M-1150D-58	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	CSAD	1403-12	M-1150D-59	CL 2 SUP	VT-3/4		See Section III
FA	F2.CS	N/A	CSAD	1403-12	M-3208-10	CL 2 SUP	VT-3/4		See Section III
FA	F2.CS	N/A	CSAD	1406-8	M-3208-08	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	CSBD	1404-12	M-3209-26	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCIPD	2304-14	M-1151D-138	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCIPD	2304-14	M-1151D-147	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCIPD	2304-14	M-1151D-89	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCISS	2305-10	2305-M-202	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCISS	2305-10	2305-M-213	CL 2 SUP	VT-3/4		See Section III
FA	F2.CS	N/A	HPCISS	2305-10	M-1151D-294	CL 2 SUP	VT-3/4		See Section III
FA	F2.CS	N/A	HPCISS	2305-10	M-1151D-296	CL 2 SUP	VT-3/4		See Section III
FA	F2.CS	N/A	HPCITE	2306-24	M-3212-08	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	LPCIBD	1509-18	M-3214-06	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	LPCIBD	1509-18	M-3214-35	CL 2 SUP	VT-3/4		Acceptable
FA	F3.CS	N/A	CCSW	1514-16	M-1164D-268	CL 3 SUP	VT-3/4		See Section III

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Reinspections
Table C

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
FA	F1.CS	N/A	HPCISS	2305-10	M-1151D-3	CL 1 SUP	VT-3/4		Acceptable
FA	F1.CS	N/A	ISCOSS	1302-14	M-1163D-262	CL 1 SUP	VT-3/4		Acceptable
FA	F1.CS	N/A	RWCU	1201-8	M-1159D-262	CL 1 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	CSBD	1404-12	M-3209-04	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	CSBS	1402-16	M-3204-03	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	CSBS	1402-16	M-3204-03	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCIPD	2304-14	M-1151D-276	CL 2 SUP	VT-3/4		See Section III
FA	F2.CS	N/A	HPCIPS	2302-16	M-3202-32	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCIPS	2302-16	M-3205-03	CL 2 SUP	VT-3/4		See Section III
FA	F2.CS	N/A	HPCIPS	2302-16	M-3205-03	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCIPS	2302-16	M-3205-08	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCIPS	2302-16	M-3205-09	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCIPS	2302-16	M-3205-10	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCISS	2305-10	2305-M-206	CL 2 SUP	VT-3/4		See Section III
FA	F2.CS	N/A	HPCISS	2305-10	2305-M-208	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCISS	2305-10	2305-M-215	CL 2 SUP	VT-3/4		See Section III
FA	F2.CS	N/A	HPCISS	2305-10	2305-M-222	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCISS	2305-10	2305-M-226	CL 2 SUP	VT-3/4		See Section III
FA	F2.CS	N/A	HPCISS	2305-10	2305-M-228	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCISS	2305-10	2305-M-232	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCISS	2305-10	2305-M-234	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCISS	2305-10	2305-M-235	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCISS	2305-10	M-1151D-132	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCISS	2305-10	M-1151D-280	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCISS	2305-10	M-1151D-291	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCISS	2305-10	M-1151D-292	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCITE	2306-24	M-3212-04	CL 2 SUP	VT-3/4		See Section III
FA	F2.CS	N/A	HPCITE	2306-24	M-3212-05	CL 2 SUP	VT-3/4		See Section III
FA	F2.CS	N/A	HPCITE	2306-24	M-3212-06	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	HPCITE	2306-24	M-3212-07	CL 2 SUP	VT-3/4		See Section III
FA	F2.CS	N/A	ISCOSS	1302B-12	M-1163D-82	CL 2 SUP	VT-3/4		Acceptable
FA	F2.CS	N/A	LPCIAD	1504-18	M-3213-19	CL 2 SUP	VT-3/4		See Section III
FA	F2.CS	N/A	LPCIAS	1502-24	M-3202-33	CL 2 SUP	VT-3/4		Acceptable
FA	F3.CS	N/A	CCSW	1510-16	2-1510-H42	CL 3 SUP	VT-3/4		Acceptable
FA	F3.CS	N/A	CCSW	1510-16	M-1164D-101	CL 3 SUP	VT-3/4		Acceptable
FA	F3.CS	N/A	CCSW	1510-16	M-1164D-104	CL 3 SUP	VT-3/4		Acceptable
FA	F3.CS	N/A	CCSW	1510-16	M-1164D-108	CL 3 SUP	VT-3/4		Acceptable
FA	F3.CS	N/A	CCSW	1510-16	M-1164D-110	CL 3 SUP	VT-3/4		Acceptable
FA	F3.CS	N/A	CCSW	1510-16	M-1164D-122	CL 3 SUP	VT-3/4		Acceptable
FA	F3.CS	N/A	CCSW	1510-16	M-1164D-123	CL 3 SUP	VT-3/4		Acceptable

Section II
Scope of Inspection

Reinspections
Table C

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
FA	F3.CS	N/A	CCSW	1510-16	M-1164D-283	CL 3 SUP	VT-3/4		Acceptable
FA	F3.CS	N/A	CCSW	1510-16	M-1164D-284	CL 3 SUP	VT-3/4		Acceptable
FA	F3.CS	N/A	CCSW	1510-16	M-1164D-286	CL 3 SUP	VT-3/4		See Section III
FA	F3.CS	N/A	CCSW	1510-16	M-1164D-81	CL 3 SUP	VT-3/4		Acceptable
FA	F3.CS	N/A	CCSW	1510-16	M-1164D-98	CL 3 SUP	VT-3/4		Acceptable
FA	F3.CS	N/A	CCSW	1510-16	M-1164D-99	CL 3 SUP	VT-3/4		Acceptable
FA	F3.CS	N/A	CCSW	1510A-10	M-1164D-282	CL 3 SUP	VT-3/4		Acceptable
FA	F3.CS	N/A	DGSW	3931-8	M-1162D-317	CL 3 SUP	VT-3/4		Acceptable

Section II
Scope of Inspection

Summary of Vessel Interior Examinations
Attachment A

During the D2R14 refueling outage, comprehensive visual and ultrasonic examinations of reactor vessel internal components were conducted to provide a re-baselining assessment of the current materiel condition of the RPV internals. These examinations also served to meet ASME Code and augmented inspection requirements. The specific components examined, the methods utilized, and the examination results are provided below.

Miscellaneous Reactor Vessel Internals Inspections

A visual inspection of the reactor vessel internals was conducted utilizing underwater video cameras in accordance with DTS 0200-02. The specific components examined included all 6 surveillance sample holder brackets and welds, both steam dryer guide rods and wall bracket welds, all 4 steam dryer wall lugs and welds, both shroud head guide rods and wall bracket welds, all 12 SRM/IRM dry tubes, 24 shroud head bolt lug sets and welds, both access hole cover replacements, and general areas of cladding.

Where possible, examinations of weld heat affected zones were performed using enhanced visual techniques capable of discerning a 0.5 Mil fine wire placed against the inspection surface. No adverse conditions were noted during the course of these examinations.

Core Shroud Inspections

The core shroud examinations were performed in conjunction with a comprehensive shroud repair to assure that structural integrity of the core shroud is maintained. The examinations of the reactor core shroud were performed in accordance with ComEd's commitment to NRC Generic Letter 94-03 and BWRVIP guidelines.

The examinations of the core shroud consisted of ultrasonic examination (UT) of the vertical shroud welds that could be accessed using the remote area scanner system and enhanced visual examination of the remaining design reliant welds and structures. The ultrasonic examinations were performed in accordance with the BWRVIP "Standards for Ultrasonic Examination of Core Shroud Welds" and the visual examinations were performed in accordance with the BWRVIP "Standards for Visual Inspections of Core Shrouds". Also, eddy current was successfully used as an aid in identifying the location of ring segment welds associated with the shroud head flange ring, the top guide support ring, and the core plate support ring.

The following is a summary of the core shroud examination scope and results. Details of the specific areas examined and the results of the examinations are presented in Attachment I.

- The ultrasonic examination scope consisted of shroud vertical welds V14 through V19 (located in the beltline region between horizontal welds H3 and H5), and V28 (located between horizontal welds H6 and H7). Approximately 27 inches, or between 30% and 50% of the total length of each vertical weld, was examined. These examinations resulted in no reportable indications.

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Scope of Inspection

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- The enhanced visual examination scope consisted of the ring segment welds associated with the shroud head flange ring, top guide support ring, and core plate support ring; vertical welds V1, V2, V3, V26, and V27; the H8 and H9 horizontal welds at the shroud repair hardware locations; and the shroud repair hardware attachment sites at the shroud head flange ring and the jet pump support plate. These examinations resulted in no reportable indications in the area of interest.

  However, circumferential cracking associated with the H3 and H5 welds was identified during performance of the ring segment weld examinations. The H3 and H5 welds were not part of the core shroud examination scope per the Inspection Plan submitted to the NRC, because the installed comprehensive shroud repair was designed to structurally replace horizontal shroud welds H1 through H7. Therefore, the observed cracking has no adverse impact on core shroud structural integrity. Details of the cracking observed in the H3 and H5 welds are provided for information below.

  One circumferential crack indication approximately 2 inches long was identified in the core plate support ring, and significant circumferential cracking (approximately 60 inches, or 85% of the of the area examined) was identified in the top guide support ring. The crack indication in the core plate support ring is located on the OD surface and is associated with the lower heat affected zone (HAZ) of the horizontal H5 weld. The cracking in the top guide support ring is located on the ID surface and is predominantly associated with the upper HAZ of the horizontal H3 weld, although some minor cracking (less than 12 inches) was also identified in the shroud plate material associated with the lower HAZ of the H3 weld.

In summary, the examinations of the core shroud design reliant structures performed at Dresden Unit 2 resulted in no indications of cracking in the areas of interest.

Core Spray Inspections

A visual inspection of the internal core spray components was conducted utilizing underwater video cameras in accordance with DTS 0200-02. The specific components examined included 100% of the "A" and "B" loop: header and downcomer piping and piping welds, header tee-boxes and tee-box assembly welds, vessel thermal sleeves, header piping brackets and welds, shroud penetration thermal sleeves and welds, sparger tee-boxes and welds, sparger nozzles, sparger piping, and sparger support brackets and welds.

All examinations were conducted using enhanced visual techniques capable of discerning at least a 1.0 Mil fine wire placed against the inspection surface and, where possible, techniques used to examine weld heat affected zones were capable of discerning a 0.5 Mil fine wire. A synopsis of the flaw indications identified is provided below.

Crack indications were observed at three locations on the core spray downcomers. One each in the "B" loop lower sparger inlet elbow and thermal sleeve collar and one in the "A" loop upper sparger inlet thermal sleeve collar. Upon completion of sizing the cracks using visual techniques, an ultrasonic examination technique was developed to characterize the length of the OD connected flaws and to detect any ID connected flaws on the components which may have been less than through-wall. The technique was qualified by GE using mock-ups and the qualification process was independently reviewed by EPRI. Attachment II provides the results of these examinations, including the final as-reported flaw lengths.

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Scope of Inspection

Summary of Vessel Interior Examinations
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An evaluation of the as-reported core spray flaws was conducted by Sargent & Lundy utilizing limit load analysis techniques (Report Number SL-5019, Rev.0, Dresden 2 Core Spray Flaw Evaluation Report). The results of this analysis demonstrate that the core spray downcomer piping is capable of withstanding all normal operating and design basis loading conditions in it's current degraded condition for a minimum of one operating cycle. Consequently, no repairs were implemented during this outage. The existing cracking must be reinspected during the D2R15 refuel outage to determine whether continued operation after the D2R15 refuel outage without repair is warranted.

Feedwater Sparger Inspections

A visual inspection of the feedwater spargers was conducted utilizing underwater video cameras in accordance with DTS 0200-02. The specific components examined included 100% of the accessible portions of the four feedwater spargers and sparger assembly welds, the individual nozzles on each sparger, the bore region on all four feedwater nozzles, all eight sparger wall brackets and welds, and the eight end mounting bracket assemblies and welds.

All examinations were conducted using enhanced visual techniques capable of discerning at least a 1.0 Mil fine wire placed against the inspection surface and, where possible, techniques used to examine weld heat affected zones were capable of discerning a 0.5 Mil fine wire. No adverse conditions were noted during the course of these examinations.

Jet Pump Inspections

A visual inspection of all 20 jet pump assemblies was conducted utilizing underwater video cameras in accordance with DTS 0200-02. The specific components examined included: hold down beams, beam bolt keepers, lockplates and retainers; restrainer wedges, stops, adjusting screws, clamp bolts and keepers; riser brace assemblies, adapters and baffle plate welds, sensing lines and sensing line brackets.

Where possible, examinations of weld heat affected zones were performed using enhanced visual techniques capable of discerning a 0.5 Mil fine wire placed against the inspection surface. No adverse conditions were noted during the course of these examinations.

Jet Pump Hold Down Beam Ultrasonic Examinations

An ultrasonic examination of all twenty jet pump hold down beams was conducted in accordance with NDT-C-29, utilizing the new examination fixture purchased from Siemens Power Corporation. This fixture is capable of detecting flaws in the bolt area of the beam as well as in the engagement ears. This examination identified a crack indication in the shroud side engagement ear of jet pump beam #20. The beam was replaced with a BWR 4 style beam by personnel from GE Nuclear Energy under work request 950068439.

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Summary of Vessel Interior Examinations
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Shroud Head Bolt Ultrasonic Examinations

An ultrasonic examination of all 48 shroud head bolts was conducted in accordance with NDT-C-49. This examination identified crack indications in 7 previously unflawed bolts and reconfirmed the crack indication in one previously flawed bolt. None of the crack indications observed were through wall, as evidenced by the presence of a back signal from the end of the bolt. Two of the cracked bolts were shuffled to different locations around the shroud head under work request 950092356, in order to avoid operating with more than one cracked bolt in a row. Per previous analysis, only 24 bolts, evenly spaced, are required to prevent flange distortion under all operating and design basis conditions.

See the attached Figure 1 for the "as-found" distribution of flawed shroud head bolts, and Figure 2 for the "as-left" distribution of flawed shroud head bolts.

Top Guide Inspections

A visual inspection of the top guide was conducted utilizing underwater video cameras in accordance with DTS 0200-02 and the recommendations contained in GE SILs 554 and 588. The specific components examined included the underside of the "egg crate" at five high fluence cell locations, all four alignment pins, welded blocks and associated hardware, and approximately 24 inches of the top guide rim to lower ledge weld area at two locations, approximately 180 degrees apart.

This was a "best effort" examination in very difficult to reach areas. However, where possible, examinations of weld heat affected zones were performed using enhanced visual techniques capable of discerning a 0.5 Mil fine wire placed against the inspection surface. No adverse conditions were noted during the course of these examinations.

Lower Plenum Inspections

During the bottom head drain line unplugging project, access to the lower plenum was gained through the removal of two control rod guide tubes at the center of the vessel. A visual inspection of the components made accessible through removal of the control rod guide tubes was conducted utilizing underwater video cameras in accordance with DTS 0200-02 and GE recommendations. The specific components examined included the accessible portions of the following components:

- 4 incore guide tube to housing welds
- 4 incore housing to vessel bottom head welds
- 4 incore guide tube stabilizers
- 2 core plate control rod guide tube guide pins
- Core plate stiffener beam to core plate stitch welds in the areas adjacent to the two removed control rod guide tubes (included 2 complete stitch welds adjacent to each hole)
- Core plate stiffener rod to beam (or pipe sleeve) welds in the areas adjacent to the two removed control rod guide tubes (included both upper and lower rods adjacent to each hole)
- 3 CRD housing tube to housing cap welds
- 14 CRD housing to CRD stub tube welds
- 14 CRD stub tube to vessel bottom head welds

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- 11 control rod guide tube lower assembly welds
- 2 control rod guide tube upper assembly welds
- 4 control rod guide tube alignment ear welds
- Vessel bottom head cladding adjacent to the bottom head drain

This was a "best effort" examination in very difficult to reach areas. However, where possible, examinations of weld heat affected zones were performed using enhanced visual techniques capable of discerning a 0.5 Mil fine wire placed against the inspection surface. No adverse conditions were noted during the course of these examinations.

Steam Dryer Inspections

A visual inspection of the steam dryer was conducted utilizing underwater video cameras in accordance with DTS 0200-02. The specific components examined included all 4 lifting eye assemblies, all 12 drain channels, tie bar assemblies, upper support ring, upper support ring to skirt weld, vertical skirt welds, guides, lower support ring to skirt weld, dryer bank assembly welds, and all 4 steam dryer hold down assemblies.

No adverse conditions were noted during the course of these examinations.

Steam Separator Inspections

A visual inspection of the steam separator was conducted utilizing underwater video cameras in accordance with DTS 0200-02. The specific components examined included all 4 lifting eye assemblies and attachment welds, peripheral standpipes and assembly welds, tie bars and attachment welds, and the shroud head flange area.

No adverse conditions were noted during the course of these examinations.

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Scope of Inspection

Summary of Vessel Interior Examinations
Attachment A

Attachment I
Core Shroud Examination Summary

Component	Area Inspected	Inspection Results
Shroud Head Flange Ring Segment Welds: V1 Through V4	Enhanced visual examination of 12" length of ring material encompassing each weld. Inspected OD, ID and Top of ring.	No Reportable Indications
Top Guide Support Ring Segment Welds: V8 Through V13	Enhanced visual examination of 12" length of ring material encompassing each weld. Inspected OD, ID and Bottom of ring.	No Reportable Indications in Area of Interest
Core Plate Support Ring Segment Welds: V20 Through V25	Enhanced visual examination of 12" length of ring material encompassing each weld. Inspected OD and Bottom of ring.	No Reportable Indications in Area of Interest
Vertical Welds: V14 Through V19 and V28	Ultrasonic examination of 27", or between 30% and 50% of each weld.	No Reportable Indications
Vertical Welds: V5, V6, V7, V26, and V27	Enhanced visual examination of 24", or between 43% and 72% of each weld from the OD surface. (ID surface was not accessible)	No Reportable Indications
Jet Pump Support Plate to Shroud Support Ring Weld H8	Enhanced visual examination of 12" of weld in area of repair hardware attachments at 4 locations: 20^{o}, 110^{o}, 200^{o}, and 290^{o} Az	No Reportable Indications
Jet Pump Support Plate to RPV Weld H9	Enhanced visual examination of 12" of weld in area of repair hardware attachments at 4 locations: 20^{o}, 110^{o}, 200^{o}, and 290^{o} Az	No Reportable Indications
Jet Pump Support Plate	Enhanced visual examination of repair hardware attachment areas both prior to and following EDM at 4 locations: 20^{o}, 110^{o}, 200^{o}, and 290^{o} Az	No Reportable Indications
Shroud Head Flange Ring	Enhanced visual examination of repair hardware attachment areas both prior to and following EDM at 4 locations: 20^{o}, 110^{o}, 200^{o}, and 290^{o} Az	No Reportable Indications

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Summary of Vessel Interior Examinations
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Attachment II

GE Nuclear Energy	EXAMINATION SUMMARY SHEET	REPORT NO.: R-500
PROJECT: DRESDEN Unit 2 D2R14	PROCEDURE: GE-UT-507 REV: V:0 FRR: N/A N/A N/A	
SYSTEM: CORE SPRAY	N/A REV: N/A FRR: N/A N/A N/A	
WELD NO.: SEE BELOW		
CONFIGURATION: SEE BELOW	N/A REV: N/A FRR: N/A N/A N/A	
EXAMINER: NICK LABELLA LEVEL: II	☐ MT ☐ PT ■ UT ☐ VT	
EXAMINER: MIKE WEBSTER LEVEL: II	■ CIRCUMFERENTIAL	
EXAMINER: HERMANN SCHLORTT LEVEL: III	WELD TYPE: ☐ LONGITUDINAL ☐ OTHER	
DATA SHEET NO.(S): D-501 D-502 D-503	CAL SHEET NO.(S): C-501, 502, 503 C-504, 505, 506	

The purpose of this report is to provide the final results of the Remote Ultrasonic examinations performed Aug. 12 and 13 1995 on the Internal Core Spray Piping. This UT exam was performed to characterize the length of OD connected flaws which were first detected with an enhanced visual inspection and to detect any ID connected flaws which may be less than thru-wall.
The results of these examinations are listed below by component ID.

"B" Core Spray Loop 260° Lower Sparger Inlet Elbow (Weld 4) Data Report R-501

Visual examination detected a crack in the elbow side heat affected zone between approximately 9:30 and 12:00 and estimated it to be 3.5" in length. UT of this weld confirmed the presence of the crack and shows it to be ID connected. The crack was observed by UT to extend from approximately 285° to 345° (9:30 to 11:30) and it's length is estimated to be no more than the 3.5" reported during the visual examination. This examination covered approximately 270° of the weld circumference from the elbow side of the weld (0° thru 90°, and 180° thru 360°). The area from 90° thru 180° was inaccessible due to interferences. The pipe side of the weld was previously examined by UT for 270° with no indications detected.

"B" Core Spray Loop 260° Lower Sparger Inlet Thermal Sleeve (Weld 2) Data Report R-502

Visual examination detected a crack in the thermal sleeve collar, approximately 0.5" back from the face of the collar, between approximately 9:00 and 10:00 and estimated it to be 2.25" in length. UT of this thermal sleeve confirmed the presence of the crack and shows it to be ID connected. The crack was observed by UT to extend from approximately 270° to 345° (9:00 to 11:30) and it's ID length is estimated to be 5.5". The UT also detected another ID connected crack indication that was not visually detected. This crack was observed by UT to extend from approximately 45° to 85° (1:30 to 3:00) and it's ID length is estimated to be 3". This examination covered 360° of the thermal sleeve circumference, with no additional flaw indications detected.

"A" Core Spray Loop 290° Upper Sparger Inlet Thermal Sleeve (Weld 18) Data Report R-503

Visual examination detected a crack in the thermal sleeve collar, approximately 0.5" back from the face of the collar, between approximately 4:00 and 5:00 and estimated it to be 2" in length. UT of this thermal sleeve confirmed the presence of the crack and shows it to be ID connected. The crack was observed by UT to extend from approximately 120° to 150° (4:00 to 5:00) and it's ID length is estimated to be 2". This examination covered 360° of the thermal sleeve circumference, with no additional flaw indications detected.

K Schlortt III 8-16-95
GE REVIEWED BY LEVEL DATE

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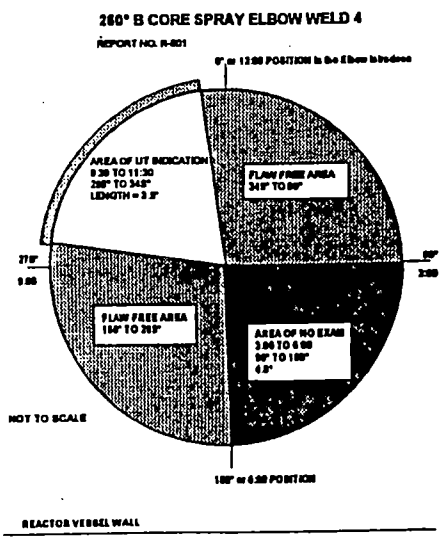
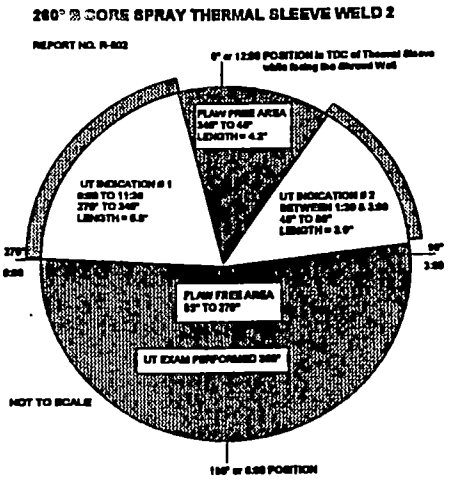
Section II
Scope of Inspection

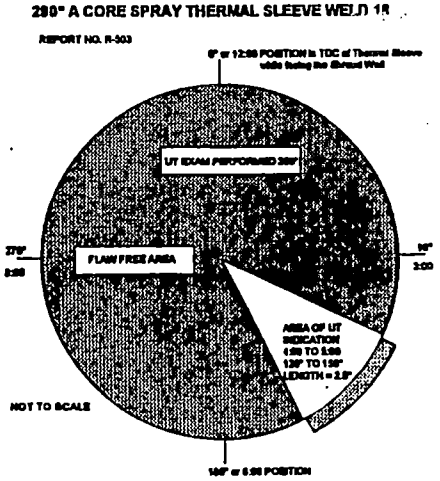
Summary of Vessel Interior Examinations
Attachment A

Attachment II

UT FLAW LOCATION AND EXAM AREA







Report R-500

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Scope of Inspection

Summary of Vessel Interior Examinations
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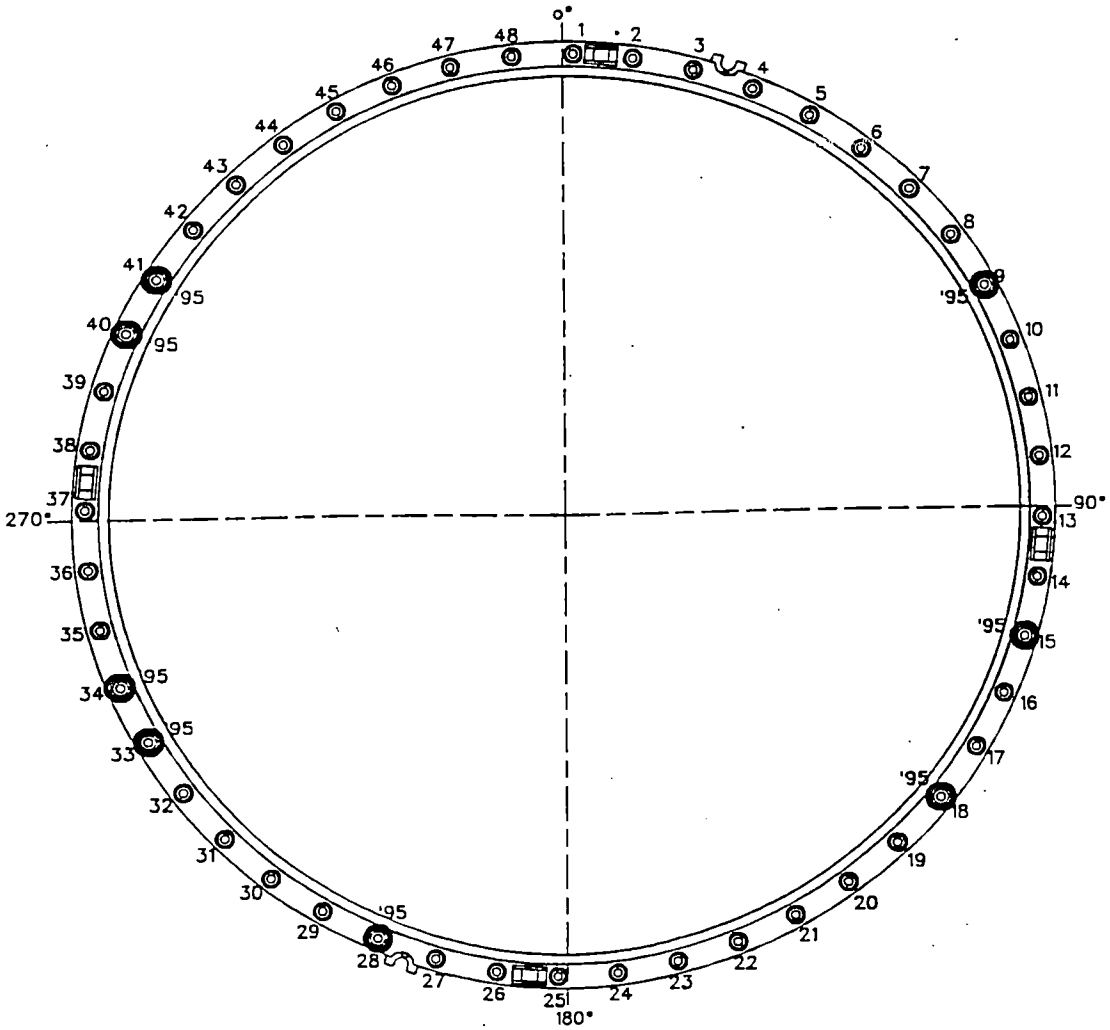
Figure 1

Unit 2 Shroud Head Bolts
"As Found" During D2R14



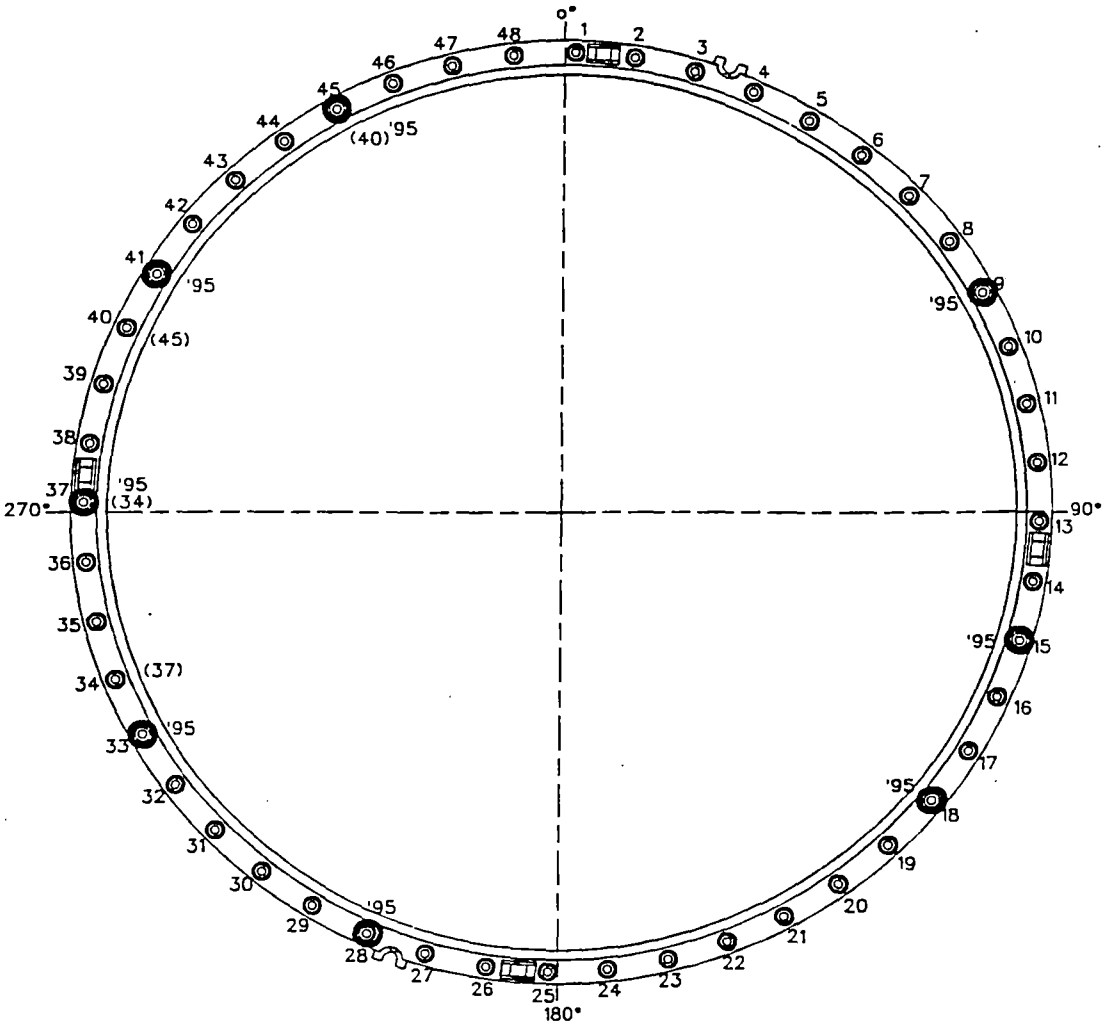
O - Cracked
'XX - Year found cracked or year replaced

Section II
Scope of Inspection

Summary of Vessel Interior Examinations
Attachment A

Figure 2

Unit 2 Shroud Head Bolts
"As Left" During D2R14



○ - Cracked
'XX - Year found cracked or year replaced
(XX) - Original Position of Bolt

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Section III
Abstract Of Results, Evaluations, And Corrective Actions

The findings of the examinations and the corrective measures taken 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.

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

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Section III
Abstract Of Results, Evaluations, And Corrective Actions

Category	Item	Augment	System	Line	Component	Type
BA	B1.40		RPV	RPV UPP HD	2-THD-FLGB	THD-FLG

A volumetric examination of weld 2-THD-FLGB on the reactor pressure vessel closure head revealed flaws which were characterized as slag by the examiners. A PIF was generated and Nuclear Engineering Services (NES) dispositioned the indications. NES review determined the as-found condition acceptable as-is. The remainder of the head to flange weld was volumetrically examined. Weld has been scheduled for reinspection during the next three successive inspection periods per ASME Section XI IWB-2420(b). Expand to: 2-THD-FLGD, FLGE, and FLGF.

BG2	B7.70		FWB	3204B-18	220-62B	VLVBLT

A visual examination of bolting for valve 2-0220-62B revealed damaged threads on one stud as a result of maintenance activities. Stud was replaced under work request 950018354-01. The discrepancy was not service induced, therefore no expansion was required.

BG2	B7.70		HPCISS	2305-10	MO-2301-5	VLVBLT

Visual examination of valve bolting on valve MO 2-2301-5 revealed galled threads on the bolting as a result of maintenance activities. Studs and nuts were replaced under work request 940093985-03. The discrepancy was not service induced, therefore no expansion was required.

BJ	B9.11	GL88-01 F	RRAD	0201A-28	PD1A-D14	EL-P

A volumetric examination of weld PD1A-D14 on line 2-0201-28 revealed existing circumferential IGSCC indication at the ID of 11% through wall (.150" deep X 1.0" long) has grown deeper to 18% through wall (.250" deep X 1.0" long). A PIF was generated and Nuclear Engineering Services (NES) evaluated the indications. The engineering evaluation determined the flaw acceptable for a period of 35,000 operating hours. Weld is still classified as an IGSCC category F weld. This weld was the only Category F weld inspected. Weld has been scheduled for reinspection during the next three successive inspection periods as required per ASME Section XI IWB-2420(b).

BJ	B9.11	GL88-01 D	RRBS	0202B-28	PS2-TEE/202-4B	TEE-VLV

A volumetric examination of weld PS2-TEE/202-4B revealed two circumferential IGSCC indications located at the ID. The first indication was 29% through wall (.350" deep X 1.75" long) and the second indication was 27 1/2% through wall (.330" deep X 2.85" long). A PIF was generated and Nuclear Engineering Services (NES) evaluated the indications. The engineering evaluation determined the flaws acceptable for a period of 45,000 operating hours. Weld is now classified as an IGSCC category F weld and is scheduled for reinspection for the next three successive inspection periods as required by ASME Section XI IWB-2420(b). All remaining IGSCC category D welds were inspected during this refuel outage.

BM2	B12.50		LPCIBD	1519-16	MO-2-1501-22B	VLV

A visual inspection of valve MO-2-1501-22B revealed linear indications on the back seat hard facing. DR 12-95-110 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site engineering review determined the as-found condition to be acceptable. Due to location of indications (stellite hardfacing), no expansion was required.

Section III
Abstract Of Results, Evaluations, And Corrective Actions

Category	Item	Augment	System	Line	Component	Type
BP	B15.OT		N/A	TEST BLOCK	RCPB	N/A

A visual inspection in conjunction with a system leakage test of pressure testing block RCPB revealed leakage on bolted connections at the following locations: CRD flanges K4, D11, H5, G11, R8, and J13; SDC 'B' drain flange; and valve flange 2-0205-27.

The bolting at CRD flanges K4, D11, and H5 had been replaced during this outage, therefore no inspection was required. The bolting at CRD flanges G11, R8, and J13 was removed and a VT-3/4 inspection performed. The bolting was inspected, found acceptable and reinstalled under work request 960017691.

In accordance with relief request PR-18, the SDC 'B' drain flange and valve flange 2-0205-27 was retorqued with the system under pressure (work request 940097118) and subjected to a VT-2 examination. The leakage was stopped, therefore no removal of bolting was required.

CH	C7.OT		N/A	TEST BLOCK	03A1	N/A

A visual inspection in conjunction with a system inservice test of pressure testing block 03A1 revealed valve bonnet leakage on valve 2-0305-112 associated with HCU's K12, R10, M10, L4, J3, and J4. In accordance with relief request PR-18, this connection was retorqued with the system under pressure (work request 950018440) and subjected to a VT-2 examination. The leakage was stopped, therefore no removal of bolting was required.

FA	F1.CS		FWA	3204C-12	M-1156D-257	CL 1 SUP

A visual examination of FWA support M-1156D-257 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-95-090 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the as-built configuration acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F1.CS		LPCIAD	1506-16	M-1164D-296	CL 1 SUP

A visual examination of LPCIAD support M-1164D-296 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-95-086 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the as-built configuration of the support acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F1.CS		LPCIBD	1519-16	M-1164D-297	CL 1 SUP

A visual examination of LPCIBD support M-1164D-297 revealed debris inside of the spring can. The debris was removed under work request 950096421. The support was reinspected and found acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F1.CS		LPCIBD	1519-16	M-1164D-298	CL 1 SUP

A visual examination of LPCIBD support M-1164D-298 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-95-086 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the as-built configuration acceptable. The discrepancies were not service induced, therefore no expansion was required.

Section III
Abstract Of Results, Evaluations, And Corrective Actions

Category	Item	Augment	System	Line	Component	Type
FA	F1.CS		MSD	3001D-20	M-564H SHT 1	CL 1 SNB

A visual examination of snubber M-564H Sht. 1 revealed a dislodged swivel bushing. DR 12-95-101 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The spherical bearing was reinstalled per Site Engineering recommendations under work request 950092832. All of the Class 1, 2, and 3 snubbers were visually inspected during this refuel outage.

FA	F1.CS		RHS	0304-2.5	M-1167D-261	CL 1 SUP

A visual examination of RHS support M-1167D-261 revealed a bent threaded rod above one spring can and the spring cans outside of the cold load tolerance. DR 12-95-091 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The bent rod was replaced and the spring cans reset with the cold load tolerance per Site Engineering recommendations under work request 950075121. The support was reinspected and found acceptable. All of the supports on this line below the drywell bulkhead were part of the original sample.

FA	F1.CS		RHV	0214-2	M-1178D-2	CL 1 SUP

A visual examination of RHV support M-1178D-2 revealed a washer installed behind the baseplate resulting in a gap between the baseplate and the wall. DR 12-95-092 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the condition acceptable. However, the washer shall be reinstalled during the next refuel outage under work request 950093002. The discrepancy was not service induced, therefore no expansion was required.

FA	F1.CS		RHV	0214-2	M-1178D-7	CL 1 SUP

A visual examination of RHV support M-1178D-7 revealed loose u-bolt nuts and corrosion on the u-bolt. DR 12-95-097 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The u-bolt was replaced per Site Engineering recommendations under work request 950096426. The support was reinspected and found acceptable. All supports on this line below the bulkhead were part of the original sample.

FA	F1.CS		RRAD	0201A-28	M-1157D-282	CL 1 SUP

A visual examination of RRAD sway brace M-1157D-282 revealed a sway brace outside of the cold load tolerance. DR 12-95-103 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the existing tolerance too restrictive for this type of support. The cold load tolerance was expanded, as a result, the existing setting falls within the revised tolerance. This is a no-action sway brace and has no effect on the piping analysis, therefore no expansion was required. However, all supports of the same design, type, and function on this line were part of the original sample.

FA	F1.CS		RRAS	0202A-28	M-1157D-280	CL 1 SUP

A visual examination of RRAS sway brace M-1157D-280 revealed a sway brace outside of the cold load tolerance. DR 12-95-103 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the existing tolerance too restrictive for this type of support. The cold load tolerance was expanded, as a result, the existing setting falls within the revised tolerance. This is a no-action sway brace and has no effect on the piping analysis, therefore no expansion was required. However, all supports of the same design, type, and function on this line were part of the original sample.

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Category	Item	Augment	System	Line	Component	Type
FA	F1.CS		RRBD	0201B-28	M-1157D-279	CL 1 SUP

A visual examination of RRBD sway brace M-1157D-279 revealed improperly adjusted sway braces. DR 12-95-103 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Both sway braces were reset to the proper cold load setting per Site Engineering recommendations under work request 950078096. The sway brace was reinspected and found acceptable. This is a no-action sway brace and has no effect on the piping analysis, therefore no expansion was required. However, all supports of the same design, type, and function on this line were part of the original sample.

FA	F1.CS		RRBS	0202B-28	M-1157D-281	CL 1 SUP

A visual examination of RRBS sway brace M-1157D-281 revealed an improperly adjusted sway brace. DR 12-95-103 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The sway brace was reset to the proper cold load setting per Site Engineering recommendations under work request 950078097. The sway brace was reinspected and found acceptable. This is a no-action sway brace and has no effect on the piping analysis, therefore no expansion was required. All of the supports of the same design, type, and function on this line were part of the original sample.

FA	F1.CS		RWCU	1201-8	M-1159D-3	CL 1 SNB

A visual examination of snubber M-1159D-3 revealed a dislodged swivel bushing. DR 12-95-102 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The spherical bearing was reinstalled per Site Engineering recommendations under work request 950092832. All of the Class 1, 2, and 3 snubbers were visually inspected during this refuel outage.

FA	F1.CS		SBLC	1102-1.5	M-1154D-262	CL 1 SUP

A visual examination of SBLC support M-1154D-262 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-95-098 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found as-built configuration acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F1.CS		SDC	1001A-16	M-1159D-2	CL 1 SNB

A visual examination of snubber M-1159D-2 revealed a bent extension rod. DR 12-95-100 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The snubber was functionally tested and found acceptable. The snubber and extension rod were replaced per Site Engineering recommendations under work request 940097594. All of the Class 1, 2, and 3 snubbers were visually inspected during this refuel outage.

FA	F1.CS		SDC	1001B-16	X-111B-F	CL 1 SUP

A visual examination of SDC support X-111B-F revealed portions of the grout pad cracked, loose, and missing. DR 12-95-059 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The grout pad was repaired per Site Engineering recommendations under work request 950097319. The support was reinspected and found acceptable. All supports of this design, type, and function on this line were part of the original sample.

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Category	Item	Augment	System	Line	Component	Type
FA	F2.CS		CSAD	1403-10	M-1150D-57	CL 2 SUP

A visual examination of CSAD support M-1150D-57 revealed various discrepancies between the as-built configuration of the support and the drawing. DR 12-95-063 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found as built configuration acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F2.CS		CSAD	1403-12	M-1150D-259	CL 2 SUP

A visual examination of CSAD support M-1150D-259 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-95-061 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the as-built configuration acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F2.CS		CSAD	1403-12	M-1150D-53	CL 2 SUP

A visual examination of CSAD support M-1150D-53 revealed the pipe side spherical bearing dislodged. DR 12-95-060 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The spherical bearing was reinstalled and staked per Site Engineering recommendations under work request 950055226. The support was reinspected and found acceptable. Four supports of the same design, type, and function were in the original sample. One adjacent support was in the original sample. Four supports of the same design, type, and function, and one adjacent support were expanded to. Expand to: M-1150D-58, M-1150D-59, M-1150D-259, M-3208-08, and M-3208-10.

FA	F2.CS		CSAD	1403-12	M-1150D-59	CL 2 SUP

A visual examination of CSAD support M-1150D-59 revealed a loose lock nut on the rear end bracket of the strut. The lock nut was tightened and a sight hole drilled under work request 950055231. The support was reinspected and found acceptable. No expansion was required based upon Code Interpretation XI-86-30.

FA	F2.CS		CSAD	1403-12	M-3208-10	CL 2 SUP

A visual examination of CSAD support M-3208-10 revealed debris around the rear bracket attachment. The baseplate and rear bracket attachment were cleaned under work request 950055233. The support was reinspected and found acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F2.CS		CSAS	1401-16	M-3202-34	CL 2 SUP

A visual examination of CSAS support M-3202-34 revealed a loose lock nut above the spring can. The locknut was tightened under work request 950052587. The support was reinspected and found acceptable. No expansion required based upon Code Interpretation XI-1-86-30.

FA	F2.CS		CSBD	1404-10	M-3209-33	CL 2 SUP

A visual examination of CSBD support M-3209-33 revealed incomplete pipe clamp contact in the upper two quadrants on the horizontal strut. DR 12-95-068 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The pipe clamp was tightened to achieve contact in all four quadrants per Site Engineering recommendations under action request 950035735. The support was reinspected and found acceptable. The discrepancies were not service induced, therefore no expansion was required.

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Category	Item	Augment	System	Line	Component	Type
FA	F2.CS		CSBD	1404-12	M-3209-27	CL 2 SUP

A visual examination of CSBD support M-3209-27 revealed a discrepancy between the as-built configuration of the support and the drawing, a gap behind the baseplates, and expansion anchors improperly torqued. DR 12-95-075 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found as-built configuration acceptable. Loose anchors were retorqued per Site Engineering recommendations under work request 950058725. While attempting to retourque the anchors, a portion of the anchors on one section of the support failed. Engineering reviewed the failed anchors and determined the baseplates and kickers associated with the failed anchors can be removed from the analysis. The support was reinspected and found acceptable. Two supports of the same design, type, and function were in the original sample. All supports of the same design, type, and function on this line and one adjacent support were part of the original sample. One adjacent support was expanded to. Expand to: M-3209-26.

FA	F2.CS		CSBD	1404-12	M-3209-31	CL 2 SUP

A visual examination of CSBD support M-3209-31 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-95-069 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found as-built configuration acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F2.CS		CSBD	1404-12	M-3209-34	CL 2 SUP

A visual examination of CSBD support M-3209-34 revealed the strut bound on the clamp side and locknuts backed off. DR 12-95-073 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The clamp and strut assembly were realigned and locknuts tightened per Site Engineering recommendations under action request 950036676. The support was reinspected and found acceptable. Two supports of the same design, type, and function were in the original sample. All supports of the same design, type, and function on this line and both adjacent supports were part of the original sample.

FA	F2.CS		HPCIPD	2304-14	M-1151D-276	CL 2 SUP

A visual examination of HPCIPD support M-1151D-276 revealed the spring can to be outside of the cold load tolerance. DR 12-95-042 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The spring can was to be reset per Site Engineering recommendations under work request 950051907. Due to corrosion on the adjustment threads, the spring can was replaced and reset within the cold load tolerance. The support was reinspected and found acceptable. One support of the same design, type and function was in the original sample. Both adjacent supports and one other support of the same design, type, and function were expanded to. Expand to: M-1151D-89, M-1151D-138, and M-1151D-147.

FA	F2.CS		HPCIPS	2302-16	M-3205-03	CL 2 SUP

A visual examination of HPCIPS support M-3205-03 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-95-051 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the as-built configuration acceptable. The discrepancies were not service induced, therefore no expansion was required.

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Category	Item	Augment	System	Line	Component	Type
FA	F2.CS		HPCISS	2305-10	2305-M-206	CL 2 SUP

A visual examination of HPCISS sway brace 2305-M-206 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-95-051 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the as built configuration acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F2.CS		HPCISS	2305-10	2305-M-213	CL 2 SUP

A visual examination of HPCISS sway brace 2305-M-213 revealed the sway brace to be outside of the cold load tolerance. DR 12-95-056 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the existing tolerance too restrictive for this type of support. The cold load tolerance was expanded, as a result, the existing setting falls within the revised tolerance. This is a No-Action support and has no effect on the piping analysis, therefore no expansion was required. All of the remaining sway braces on the HPCISS line outside the drywell were inspected.

FA	F2.CS		HPCISS	2305-10	2305-M-215	CL 2 SUP

A visual examination of HPCISS sway brace 2305-M-215 revealed the sway brace to be outside of the cold load tolerance, various discrepancies between the as-built configuration of the support and the drawing, top clamp bolt loose, a gap behind the baseplate, and concrete appears to be spalled behind the plate. DR 12-95-043 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the as built configuration acceptable, existing tolerance too restrictive for this type of support. The cold load tolerance was expanded, as a result the existing setting falls within the revised tolerance. The pipe clamp bolt and baseplate anchors shall be repaired non-outage per Site Engineering recommendations under work request 950071456. This is a No-Action support and has no effect on the piping analysis, therefore no expansion was required. All of the remaining sway braces on the HPCISS line outside the drywell were inspected.

FA	F2.CS		HPCISS	2305-10	2305-M-226	CL 2 SUP

A visual examination of HPCISS sway brace 2305-M-226 revealed the sway brace setting to be outside of the cold load tolerance. DR 12-95-056 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the existing tolerance to restrictive for this type of support. The cold load tolerance was expanded, as a result the existing setting falls within the revised tolerance. This is a No-Action support and has no effect on the piping analysis, therefore no expansion was required. All of the remaining sway braces on the HPCISS line outside the drywell were inspected.

FA	F2.CS		HPCISS	2305-10	M-1151D-294	CL 2 SUP

A visual examination of HPCISS support M-1151D-294 revealed various discrepancies between the as-built configuration of the support and the drawing. DR 12-95-064 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the as built configuration acceptable. The discrepancies were not service induced, therefore no expansion was required.

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Category	Item	Augment	System	Line	Component	Type
FA	F2.CS		HPCISS	2305-10	M-1151D-296	CL 2 SUP

A visual examination of HPCISS sway brace M-1151D-296 revealed the sway brace setting to be outside of the cold load tolerance, concrete at edge of the embed plate is spalled and gaps exist between the embed plate and ceiling. DR 12-95-065 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the as-built configuration acceptable, and the existing tolerance too restrictive for this type of support. The cold load tolerance was expanded, as a result, the existing setting falls within the revised tolerance. The cause of the spalled concrete is most likely from welding too close to the edge of the embed plate during original construction. This is a No-Action support and has no effect on the piping analysis, therefore no expansion was required. All of the remaining sway braces on the HPCISS line outside the drywell were inspected.

FA	F2.CS		HPCITE	2306-24	M-3212-04	CL 2 SUP

A visual examination of HPCITE support M-3212-04 revealed missing washers at the pipe side and rear bracket attachment paddles of the horizontal strut. DR 12-95-057 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the available gap without the spacer washers to be acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F2.CS		HPCITE	2306-24	M-3212-05	CL 2 SUP

A visual examination of HPCITE support M-3212-05 revealed a discrepancy between the as-built configuration of the support and the drawing and hex nuts on an anchor bolt are lacking full thread engagement. DR 12-95-058 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the as-built configuration acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F2.CS		HPCITE	2306-24	M-3212-07	CL 2 SUP

A visual examination of HPCITE support M-3212-07 revealed the spring cans to be outside of the cold load tolerance. DR 12-95-053 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The spring cans were reset within the cold load tolerance per Site Engineering recommendations under action request 950032594. The support was reinspected and found acceptable. Two supports of the same design, type, and function were in the original sample. Only one support of the same design, type, and function outside of the original sample exists on this line and was expanded to. The same support is also an adjacent support. The remaining adjacent support was part of the original sample. Expand to: M-3212-08.

FA	F2.CS		LPCIAD	1504-18	M-3213-19	CL 2 SUP

A visual examination of LPCIAD support M-3213-19 revealed insufficient pipe clamp contact in the upper two quadrants. DR 12-95-054 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The clamp was tightened per Site Engineering recommendations under work request 950053357. The support was reinspected and found acceptable. The discrepancies were not service induced, therefore no expansion was required.

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Category	Item	Augment	System	Line	Component	Type
FA	F2.CS		LPCIAD	1506-18	M-3208-14	CL 2 SUP

A visual examination of LPCIAD support M-3208-14 revealed incomplete pipe clamp contact in the upper two quadrants and the clamp appears to have moved approximately one half inch. DR 12-95-062 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the existing pipe clamp location acceptable. No evidence exists that a pipe movement occurred, the apparent change in pipe clamp location is most likely from maintenance. The pipe clamp was tightened per Site Engineering recommendations under work request 950062543. The support was reinspected and found acceptable. This was the only support of this design, type, and function on this line and both adjacent supports were part of the original sample.

FA	F2.CS		LPCIBD	1509-16	M-3214-11	CL 2 SUP

A visual examination of LPCIBD support M-3214-11 revealed insufficient pipe clamp contact in the upper two quadrants. DR 12-95-067 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The pipe clamp was tightened per Site Engineering recommendations under work request 950062547. The support was reinspected and found acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F2.CS		LPCIBD	1509-16	M-3214-21	CL 2 SUP

A visual examination of LPCIBD support M-3214-21 revealed an expansion anchor to be improperly torqued. DR 12-95-066 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The anchor was retorqued per Site Engineering recommendations under work request 950062871. The support was reinspected and found acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F2.CS		LPCIBD	1519-18	M-3209-03	CL 2 SUP

A visual examination of LPCIBD support M-3209-03 revealed an embed plate to be slightly deformed near one of the support attachments. DR 12-95-074 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the as-built condition acceptable. The deformation of the embed plate was most likely from welding to the embed plate during original construction. The discrepancies were not service induced, therefore no expansion was required.

FA	F2.CS		LPCIBD	1519-18	M-3209-11	CL 2 SUP

A visual examination of LPCIBD support M-3209-11 revealed spalled concrete around the embed plate in the area of the support attachment. DR 12-95-076 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The spalled areas were repaired per Site Engineering recommendations under work request 950093638. The support was reinspected and found acceptable. All of the supports on this line were part of the original sample.

FA	F2.CS		LPCIBD	1519-18	M-3209-12	CL 2 SUP

A visual examination of LPCIBD support M-3209-12 revealed the spring can setting to be outside the cold load tolerance. DR 12-95-045 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The spring can was reset within the cold load tolerance per Site Engineering recommendations under work request 950053433. The support was reinspected and found acceptable. All supports (four total) of the same design, type, and function were in the original sample.

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Category	Item	Augment	System	Line	Component	Type
FA	F2.CS		LPCIBD	1519-18	M-3214-08	CL 2 SUP

A visual examination of LPCIBD support M-3214-08 revealed insufficient pipe clamp contact in the upper two quadrants. DR 12-95-067 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The pipe clamp was tightened per Site Engineering recommendations under work request 950062875. The support was reinspected and found acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F2.CS		LPCIBD	1519-18	M-3214-36	CL 2 SUP

A visual examination of LPCIBD support M-3214-36 revealed insufficient pipe clamp contact in the upper two quadrants. DR 12-95-067 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The clamp was tightened per Site Engineering recommendations under work request 950062877. The support was reinspected and found acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F3.CS		CCSW	1510-16	M-1164D-149	CL 3 SUP

A visual examination of CCSW support M-1164D-149 revealed a discrepancy between the as-built configuration of the support and the drawing. DR 12-95-050 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found as-built configuration is acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F3.CS		CCSW	1510-16	M-1164D-286	CL 3 SUP

A visual examination of CCSW support M-1164D-286 revealed various discrepancies between the as-built configuration of the support and the drawing. A PIF was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the as-built configuration acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F3.CS		CCSW	1514-16	M-1164D-264	CL 3 SUP

A visual examination of CCSW support M-1164D-264 revealed various discrepancies between the as-built configuration of the support and the drawing. A PIF was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective action. Site Engineering review found the as-built configuration acceptable. The discrepancies were not service induced, therefore no expansion was required.

FA	F3.CS		CCSW	1514-16	M-1164D-268	CL 3 SUP

A visual examination of CCSW support M-1164D-268 revealed the spring cans to be outside of the cold load tolerance. DR 12-95-044 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The spring cans were reset within the cold load tolerance per Site Engineering recommendations under work request 950053429. The support was reinspected and found acceptable. All supports of the same design, type, and function have been expanded to. See M-1164D-261.

FA	F3.CS		CCSW	1514-16	M-1164D-93	CL 3 SUP

A visual examination of CCSW support M-1164D-93 revealed the u-bolt to be missaligned. DR 12-95-091 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. Site Engineering review found the as-built configuration acceptable. The discrepancy was not service induced, therefore no expansion was required.

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FA	F3.CS		CCSW	1514C-10	M-1164D-261	CL 3 SUP

A visual examination of CCSW support M-1164D-261 revealed the spring can setting to be outside of the cold load tolerance. DR 12-95-044 was generated to have Site Engineering evaluate the effect on the system and provide recommendations for corrective actions. The spring can was reset within the cold load tolerance per Site Engineering recommendations under work request 950053428. The support was reinspected and found acceptable. Three supports of the same design, type and function were in the original sample. All but one support of the same design, type, and function on this line was part of the original sample. Both adjacent supports were also part of the original sample. One support of the same design, type, and function was expanded to. Expand to: M-1164D-268.

FA	F3.CS		SRVDA	3019A-8	M-564E SHT 14	CL 3 SUP

A visual examination of SRVDA support M-564E SHT 14 revealed the lack of cold load tolerance on the drawing for this support. A cold load tolerance was requested from Site Engineering. Site Engineering review found that the support was no longer part of the analysis. DR 12-95-080 was generated and the support was removed from the system per Site Engineering recommendations under work request 950075025. The support removal was verified and found acceptable. The discrepancies were not service induced, therefore no expansion was required.

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Section IV
Abbreviations

Component Type

BPC	Branch Pipe Connection
BPCS	Branch Pipe Connection Saddle
CAP	Pipe Cap
COND	Condenser
CRO	Cross
EL	Elbow
ELS	Elbow Longitudinal Seam
F	Fuel Head
FLG	Flange
FLGBLT	Flange Bolt
FLS	Fitting Longitudinal Seam
HTEX	Heat Exchanger
IWA	Integral Welded Attachment
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
SHL	Shell
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
BL	Section XI Baseline
OTHR	Special Exam
XI	Section XI

Other

DR	Discrepancy Record
PIF	Performance Improvement Form

Exam

FT	Functional Test
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

CCSW	Containment Cooling Service Water
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
FW2	Feedwater, Class 2
FWA	Feedwater "A"
FWB	Feedwater "B"
HPCIPD	High Pressure Coolant Injection, Pump Discharge
HPCIPS	High Pressure Coolant Injection, Pump Suction

Section IV
Abbreviations

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
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 "A"

Commonwealth Edison Co.
P.O. Box 767, Chicago, IL 60690

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

Section V

Examinations, Tests, Replacements, And Repairs 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.

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. The NIS-2 forms provide an abstract of the repairs and replacements and outline the examinations and tests performed in conjunction with them.

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

Section V

Examinations, Tests, Replacements, And Repairs Since The Preceding Summary Report

NIS-2 No.	Work Request
292008	910051512
292094	910056930
292097	920054394
292100	920051758
292101	D03575
292102	D06073
293028	920051758
293035	D10023
293044	930050348
293054	920052186
293059	D17064
293080	930050329
293081	930050330
293093	930054228
293095	D20319
293096	920057928
293097	920057927
293098	930049466
293099	930056392
293100	930056479
293101	930056485
294001	940095811
294005	940094050
294006	940097120
294009	D25355
294010	940097001
294011	940097981
294013	940097133
294014	940097872
294019	940094890
294020	940097221
294021	940097221
294022	940097221
294023	940097078
295001	930057419
295002	940094875
295003	950018469
295004	940095744
295005	940093991
295006	940093999
295010	940096115
295013	940096964
295014	940096967

Section V

Examinations, Tests, Replacements, And Repairs Since The Preceding Summary Report

NIS-2 No.	Work Request
295016	940093626
295019	940097732
295020	940097733
295024	940094036
295025	940093990
295026	930056328
295029	940097591
295032	940097586
295033	940097589
295036	940094588
295038	940093913
295056	940095125
295057	930049715
295058	930049716
295066	930055725
295087	950018493
295088	920053324
295089	950018491
295093	950053357
295094	950059838
295095	950051907
295099	920052186
295100	930052862
295103	920051982
295109	950018492
295110	940094579
295111	930051212
295112	950075121
295114	950016551
295115	940093989
295116	940094097
295118	940097593
295120	950096408
296002	950042171
296003	940094047
296007	950104775

CATEGORY 3

ATTACHMENT 1

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

DAP 11-18
REVISION 06

1. Owner: ComEd
One First National Plaza, Chicago IL, 60690

Date: 1/24/96

Sheet: 1 Of 1

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

Unit: 2

3. Work Performed By: SAME AS ABOVE (Name)

SAME AS ABOVE (Address)

910051512 PLAN 2-92-008
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0202 REACTOR RECIRCULATION

5. (a) Construction Code USAS B31.1.0ASME Sect. I, 19 67/65 Edition, NO Addenda, Code Cases NO
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NO

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
3" 900# BLIND FLANGE	UNKNOWN	NONE	N/A	LINE 2-0202B-28"-A	N/A	REPLACED	NO
3" 900# BLIND FLANGE	UNKNOWN	NONE	N/A	LINE 2-0202B-28"-A	N/A	REPLACEMENT	NO

7. Description of work: Replaced temporary blind flange (which conatained ECP probes) with the original blind flange and closed out Temporary Alteration II-40-91.

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

Test Pressure 1040 psig Test Temperature 200 °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 ISI Coordinator 5-8, 1996
(Owner or Owner's Designee) (Title) (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 Ill NBS, employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 5-13, 19 96 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: 5-13-96 Inspector: Robert T Reiner 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

DAP 11-18
REVISION 04

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

Date: 9-7-95

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 3

3. Work Performed By: Fluor Constructors (Name)
P.O. Box 827 Morris, IL 60450 (Address)

Repair/Replacement Plan 2-92-094
D05610 (P12-2-91-722)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1000 (Removal of valve U2-1001-206C)

5. (a) Construction Code USAS B31.1.0, 1967 Edition, none Addenda, Code Cases none

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, none 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
U2-1001-206C	Unknown	Unknown	na	U2-1001-206C	67	Replace	na

7. Description of work: Removal of valve U2-1001-206C. Remaining line was cut and capped with 2 welded caps. Reference Repair/Replacement Plan 2-92-094.

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

Test Pressure 1131 psig Test Temperature >190 °F

9. Remarks: Valve U2-1001-206C was removed from by-pass line (1 1/4 inch size) coming off of line 2-1011C-14" at valve M02-1001-2C.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 9-7 (Date), 1995

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 HSB I+I CO of HARTFORD, CT. having inspected the Replacement (Repair or Replacement) described in this report on 9-11, 1995 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: 9-11-95 Inspector: Robert T. Lowery Commissions: IL 932, NB 7747 7 NSB
(State or Province, National Board)

D05610-01
DOCUMENT #19

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

DAP 11-18
REVISION 04

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

Date: 9-7-95
Sheet: 1 of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: Fluor Constructors (Name)
Box 827, Morris, Ill. 60450 (Address)

D11083 (M12-2-91-003)
Repair/Replacement Plan 2-92-097
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1600/0300

5. (a) Construction Code ASME Sect. I, 19 65 Edition, Summer 1966 Addenda, Code Cases None

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, None 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
Unused Control	N/A	N/A	N/A	N/A	67	~~Repair~~ REPLACED	N/A
Rod Drive Return							
Line #2-0308							
3" SCH 80 B.W. SS CAP	UNKNOWN	N/A	N/A	LINE # 2-0308-4" NOZZLE N9		REPLACEMENT	N/A
SA 403 GR WP 304							

7. Description of work: Cut and cap unused control rod drive return line #2-0308 near Reactor Pressure Vessel Nozzle N-9.

8. Test Conducted: Hydrostatic [X] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [ ]
Test Pressure 1131 psig Test Temperature >190 °F

9. Remarks: Cut and capped CRD return line per Modification M12-2-91-003.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 9-7 (Date), 19 95

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 HSB I+I CO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 10-30, 19 95 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: 10-30-95 Inspector: Kurt T. Kacicny Commissions: IL 432 NB 7742 N IB
(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: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 1-15-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2/3

3. Work Performed By: COMMONWEALTH EDISON CO (Name)
ONE FIRST NATIONAL PLAZA (Address)
CHICAGO, IL 60690

2-92-100 WR# 08496
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 200 NUCLEAR BOILER

5. (a) Construction Code ANSI B31.1, 1965 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, N/A Addenda, Code Cases N/A

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 ELECTRO-MATIC RELIEF VALVE	DRESSER	BK-7083	N/A	2/3-0203 SPARE	'65	REPAIRED	NO

7. Description of work: REPAIR TWO SMALL GOUGES ON THE VALVE FLANGE

APPROVED

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

Test Pressure _____ psig Test Temperature _____ °F

MAY 01 '92

9. Remarks:

D.O.S.R.

Certificate of Compliance

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

Signed: Lawrence F. Horner (Owner or Owner's Designee) TECHNICAL SUPT. (Title) JAN. 15, 1993 (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 HSB I&I CO of HARTFORD CT having inspected the REPAIR (Repair or Replacement) described in this report on 1-10, 1996 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: 1-10-96 Inspector: Robert J Ramey Commissions: IL 932 NB 7742 N I S B (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: COMMONWEALTH EDISON COMPANY (NAME) DATE: 09-15-91
RT. #1 MORRIS, ILLINOIS 60450 (ADDRESS) SHEET: 01 OF 01

2. PLANT: DRESDEN NUCLEAR POWER STATION (NAME) UNIT: 3
RT. #1 MORRIS, ILLINOIS 60450 (ADDRESS)

3. WORK PERFORMED BY: OWNER (NAME) W.R. # D03575 - RP #220 (2-92-101)
SAME (ADDRESS) REPAIR ORGANIZATION P.O. NO., JOB NO. ETC.

4. IDENTIFICATION OF SYSTEM: 2300 (HPCI)

5. (a) APPLICABLE CONSTRUCTION CODE ANSI B31.1 1967 EDITION, N/A ADDENDA, CODE CASES N/A
(b) APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS - 1977, S79 ADDENDA, CODE CASES N/A

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED, AND REPLACEMENT COMPONENTS

NAME OF COMPONENT	NAME OF MFR.	MFRS. SER. NO.	NAT'L. BD. NO.	CRN NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED, OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
4" PCI 3-2301-45 check VLV.	Mission ~~Walworth~~ PCI-11-96	Walworth	N/A	N/A	3-2301-45 Walworth		REPLACED	NO
HPCI 3-2301-45 GATE VALVE	~~MISSION~~ Marlin PCI-11-96	3771	N/A	N/A	3-2301-45	N/A	REPLACEMENT	NO

7. DESCRIPTION OF WORK: REPLACE VALVE THAT FAILED LLRT, WITH NEW VALVE.

8. TESTS CONDUCTED: HYDROSTATIC [ ] PNEUMATIC [ ] NOMINAL OPERATING PRESSURE [ ] OTHER [X]
PRESSURE: 1000 PSI. TEST TEMP. 175 DEG. F

9. REMARKS: TESTS ARE DTS-1600-1 AND DOS 2300-3, LATEST REVISIONS. VISUAL INSPECTION WITH SYSTEM AT NORMAL OPERATING PRESSURE TO VERIFY NO LEAKAGE.

CERTIFICATE OF COMPLIANCE

WE CERTIFY THAT THE STATEMENTS MADE IN THIS REPORT ARE CORRECT AND THIS REPLACEMENT (REPAIR OR REPLACEMENT) CONFORMS TO SECTION XI OF THE ASME CODE.

SIGNED: Lawrence J. Dunn (OWNER OR OWNER'S DESIGNEE) TECHNICAL SUPT (TITLE) DECEMBER 2, 19 91 (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 HSB I&I CO OF HARTFORD CT HAVING INSPECTED THE REPLACEMENT (REPAIR(S) OR REPLACEMENT(S)) DESCRIBED IN THIS REPORT ON 12-7-, 19 95 AND STATE THAT 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: 12-7-95 INSPECTOR: Robert J Rusing COMMISSIONS: IL 932, NB 7742 NIS B (STATE OR PROVINCE, NATIONAL BOARD)

NOTE: SUPPLEMENTAL SHEETS IN FORM OF LISTS, SKETCHES, OR DRAWINGS MAY BE USED PROVIDED (1) SIZE IS 8-1/2 IN. X 11 IN., (2) INFORMATION IN ITEMS 1 THROUGH 4 ON THIS DATA REPORT IS INCLUDED ON EACH SHEET, AND (3) EACH SHEET IS NUMBERED AND THE NUMBER OF SHEETS IS RECORDED AT THE TOP OF THIS FORM.

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

OWNER: COMMONWEALTH EDISON COMPANY (NAME) DATE: 1/20/92

R.R.#1 MORRIS, ILLINOIS 60450 (ADDRESS) SHEET: 1 OF 1

2. PLANT: DRESDEN NUCLEAR POWER STATION (NAME) UNIT: 03

SAME AS ABOVE (ADDRESS)

3. WORK PERFORMED BY: COMMONWEALTH EDISON COMPANY (NAME) W.R.:D06073 RPR.#265 (2-92-102) REPAIR ORGANIZATION P.O. NO., JOB NO. ETC.

SAME AS ABOVE (ADDRESS)

4. IDENTIFICATION OF SYSTEM: 300 CONTROL ROD DRIVES BJC 6-9-94 BJC 6-9-94 For replacement item.

5. (a) APPLICABLE CONSTRUCTION CODE ASME SEC.3 1965 EDITION, ~~N/A~~ 65 ADDENDA, CODE CASES ~~N/A~~ N1335-2, 1361 and 1352

(b) APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS - 1977, S79 ADDENDA, CODE CASES N/A

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED, AND REPLACEMENT COMPONENTS

NAME OF COMPONENT	NAME OF MFR.	MFRS. SER. NO.	NAT'L. BD. NO.	CRN NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED, OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
CRD	GENERAL ELECT	876	N/A	N/A	N/A	1969 ~~N/A~~ BJC 6-9-94	REPLACED	YES
CRD	GENERAL ELECT	64	N/A	N/A	N/A	1968 ~~N/A~~ BJC 3-7-93	REPLACEMENT	YES
CRD BOLTS	GENERAL ELECT		N/A	N/A	N/A	N/A	REPLACED	BJC 2-24-94 ~~YES~~ NO
CRD BOLTS	GENERAL ELECT	117C4515P002	N/A	N/A	N/A	N/A	REPLACEMENT	2-24-94 ~~YES~~ NO

DESCRIPTION OF WORK: REMOVE AND REPLACE CRD AND REPLACE FLANGE BOLTS.

8. TESTS CONDUCTED: HYDROSTATIC [X] PNEUMATIC [ ] NOMINAL OPERATING PRESSURE [ ] OTHER [ ]
PRESSURE: 1100 PSI. TEST TEMP. 180 DEG. F

9. REMARKS: REMOVED AND REPLACED ONE CRD FROM POSITION F-5 AND REPLACED 8 EACH CONTROL ROD DRIVE BOLTS.
VT-2 examined during Vessel Hydrostatic Test.

CERTIFICATE OF COMPLIANCE

WE CERTIFY THAT THE STATEMENTS MADE IN THIS REPORT ARE CORRECT AND THIS REPLACEMENT (REPAIR OR REPLACEMENT) CONFORMS TO SECTION XI OF THE ASME CODE.

SIGNED: Anthony L Bzymaka MAINT. STAFF SUPV. 8/23, 1995
(OWNER OR OWNER'S DESIGNEE) TITLE (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 HARTFORD STEAM BOILER INSPECTION AND INSURANCE CO. OF HARTFORD CT. HAVING INSPECTED THE REPLACEMENT (REPAIR(S) OR REPLACEMENT(S)) DESCRIBED IN THIS REPORT ON 8-23, 1995

AND STATE THAT 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: 8-23-95 INSPECTOR: Matt T. Rainey COMMISSIONS: IL 932, NB 7742 N I S B
(STATE OR PROVINCE, NATIONAL BOARD)

NOTE: SUPPLEMENTAL SHEETS IN FORM OF LISTS, SKETCHES, OR DRAWINGS MAY BE USED PROVIDED (1) SIZE IS 8-1/2 IN. X 11 IN., (2) INFORMATION IN ITEMS 1 THROUGH 4 ON THIS DATA REPORT IS INCLUDED ON EACH SHEET, AND (3) EACH SHEET IS NUMBERED AND THE NUMBER OF SHEETS IS RECORDED AT THE TOP OF THIS FORM.

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) Date: 5-13-96
One First National Plaza, Chicago IL, 60690 (Address)
Sheet: 1 Of 1

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

3. Work Performed By: Same as Above (Name) WR 920051758 (PLAN 2-93-028)
Repair Organization P.O. No., Job No. etc.
Same as Above (Address)

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
1⅜"-8 A193 Grade B7 Studs	UNKNOWN	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
Electromatic Relief Valve	Dresser Industries	BK-7083	N/A	NONE	N/A	REPAIR	NO
3/8" PAC 5-20-96							
1⅜"-8 A193 Grade B7 Studs	UNKNOWN	HT QT61 and 35663	N/A	SI #570C07 and SI #801G81	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing flange studs with new studs to replace studs with damaged threads that were found during valve rebuild. Theads in valve body were damaged in three of the bolt holes and were repaired per CHRON #0119258.

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

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: Valve received a VT-2 examination under the Repair/Replacement plan in which it was installed in 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) 5-14 (Date), 1996

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, Connectictu having inspected the **REPLACEMENT** described in this report on 5-15, 1996 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: 5-14-96 Inspector: _____ 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: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 3-24-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: Fluor Constructors (Name)
Box 827, Morris, IL. 60450 (Address)

D10023
Repair/Replacement Plan 2-93-035
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 2300

5. (a) Construction Code ASME Sec. III, 1974 Edition, S.74 Addenda, Code Cases 1644,1651,N-71,N-249

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, None 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 2-2305-01	Pacific Scientific	16175	N/A	N/A	74	Replaced	Yes
Snubber 2-2305-01	Pacific	30264	N/A	PSA #3	85	Replacement	
	Scientific						No

7. Description of work: Replaced defective snubber.

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

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: _____

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code

Signed: [signature] (Owner or Owner's Designee) ISI Grp. Leader (Title) 3-24 (Date) 1993

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 Hartford Steam Boiler of Hartford, CT having inspected the Replacement (Repair or Replacement) described in this report on 05-01, 1993 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: 05-01-93 Inspector: [signature] Commissions: IL 1561
(State or Province, National Board)

Kin-Tech Division

PACIFIC SCIENTIFIC

Date March 26, 1985

C of C# 10409

CERTIFICATE OF COMPLIANCE

COMMONWEALTH EDISON COMPANY Customer	296299 Customer P.O. Number
1801106-05 PSA-3 Shock Arrestors CE ITEM No. 502E86 Part Number/Description	ANC# 54747-01 PSCo A/C/Invoice Number
3 Quantity Shipped	30264-30266 Serial Number(s)

We, Pacific Scientific, certify that the items supplied on the above referenced order comply with all the requirements of ASME Section III, Subsection NF.

Assemblies/Parts/Materials are Manufactured/Supplied in accordance with Pacific Scientific "NPT" Certificate of Authorization number N-1198 (Expires 8/4/87).

We also certify that the materials and fabrication comply with the requirements of ASME Section III, Subsection "NF" utilizing Code Case(s), Code Edition and Addenda as listed below:

Code Case(S) applicable: 1644-6

Edition: 1977 Addenda Winter '79.

N-Stamping is not required and third party inspection is not required.

Documentation packages completed for this order are being sent in shipment/by mail/special freight to the attention of:

COMMONWEALTH EDISON COMPANY
DRESDEN NUCLEAR POWER STATION
RR #1, C/O STOREROOM
MORRIS, ILLINOIS 60450

ATTN: Q.A. MANAGER

Edward R. Thomsen

Edward R. Thomsen
Manager Quality Systems & Services

Form #215 9/4/84

1346 S. State College Boulevard, Anaheim, California 92803, (714) 774-5217, TELEX 65-5421

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) Date: 5-8-96
One First National Plaza, Chicago IL, 60690 (Address)
Sheet: 1 Of 1

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) WR 930050348 (PLAN 2-93-044)
Repair Organization P.O. No., Job No. etc.
SAME AS ABOVE (Address)

4. Identification of System: 1000 SHUTDOWN COOLING

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
16" GATE VALVE DISC	CRANE VALVE	NONE	N/A	SI #771G95	N/A	REPAIR	NO

7. Description of work: Repaired spare 16" gate valve disc by stripping existing stellite 6 and replacing with stellite 21. Spare disc returned to Stores as spare stock.

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** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 5-8 (Date), 1996

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, Connectictu having inspected the **REPAIR** described in this report on 12 MAY 96, 1996 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: 5-13-96 Inspector: Kurt T Piner 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) Date: 5-29-96
One First National Plaza, Chicago IL, 60690 (Address)
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: Bechtel Constructors (Name) WR 920052186 (PLAN 2-93-054)
Repair Organization P.O. No., Job No. etc.
Gaithersberg, MD 20877 (Address)

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
3" X 3" X ¼" TUBE STEEL	UNKNOWN	UNKNOWN	N/A	SUPPORT M-1151D-63	N/A	REPLACED	NO
½" X 4" X 4" PLATE	UNKNOWN	UNKNOWN	N/A	SUPPORT M-1151D-63	N/A	REPLACED	NO
3" X 3" X ¼" TUBE STEEL	UNKNOWN	UNKNOWN	N/A	SI #772H10	N/A	REPLACEMENT	NO
½" X 4" X 4" PLATE	UNKNOWN	UNKNOWN	N/A	SI #779B98	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing pipe support (which had worn at pipe) with new tube steel and plate per CHRON #0115561. Four inch pipe associated with this support was replaced per Repair/Replacement Plan 2-95-099.

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

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: Piping was replaced per Repair/Replacement Plan 2-95-099.

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) 5-29 (Date), 19 96

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 7-1, 1996 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: 7-1-96 Inspector: Robert T. Reiney Commissions: IL932, NB7742NISB
(State or Province, National Board)

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

Date: 5-6-94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: DRESDEN NUCLEAR POWER STA. (Name)
6500 No DRESDEN RD. MORRIS, IL 60450 (Address)

D17064
Repair Organization P.O. No., Job No. etc.
RR# 2-93-009

4. Identification of System: 02036 SPARE

5. (a) Construction Code USAS B31.1.0 19 67 Edition, N/A Addenda, Code Cases UNKNOWN

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, ~~1989~~ Addenda, Code Cases UNKNOWN

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
FEEDWATER CK VLV.	CRANE	UNKNOWN	N/A	02036 SPARE	65	REPAIR	NO

7. Description of work: REBUILD VALVE, MACHINED/GROUND SEAT & DISC, INSTALLED NEW BUSHINGS INSTALLED NEW KEEPER BLOCKS.

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

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

9. Remarks: PERFORMED BEFORE & AFTER LLRT - LIQUID PENETRANT INSPECTION AND VISUAL WELD INSPECTIONS PERFORMED. ALL TESTS ACCEPTABLE

Certificate of Compliance

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

Signed: Brendan J. Casey (Owner or Owner's Designee) SEC (Title) June 13, 1994 (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 IL, employed by HSB I&C O of HARTFORD CT having inspected the REPAIR (Repair or Replacement) described in this report on 6-16-94, 19___ 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: 6-16-94 Inspector: Robert T Clancy Commissions: NB 7742 N1313, IL 932
(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: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 11/11/94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2/3

3. Work Performed By: SAME AS ABOVE (Name)
SAME AS ABOVE (Address)

D17065 (2-93-080)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 200

5. (a) Construction Code USAS B31.1.0 ; 19 67 Edition, N/A Addenda, Code Cases None

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, N/A 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 DISC ASSEMBLY	CRANE/ALOYCO	Unknown	na	2-203-1C (SPARE)	na	Repair ~~replced~~	no
						BJR 1-4-95	

7. Description of work: REPAIRED MAIN DISC GUIDE PADS BY WELD BUILD UP AND MACHINING TO ACCEPTABLE DIMENSIONS. THE MAIN DISC SEATING SURFACE WAS LIGHTLY MACHINED TO CLEAN UP THE SURFACE.

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

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

9. Remarks: Weld repaired stellite guide tabs of spare MSIV disc. Performed skim cut on main disc seating area. All repaired areas examined with liquid penetrant and are acceptable.

Certificate of Compliance

We certify that the statements made in this report are correct and this Repair (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 1-4 (Date), 19 95

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 HSB M&G of HARTFORD, CT having inspected the Repair (Repair or Replacement) described in this report on 1-12, 1995 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: 1-12-95 Inspector: Robert T Parnell Commissions: IL932, NB 7742 N I S B
(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: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 11/11/94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2/3

3. Work Performed By: SAME AS ABOVE (Name)

SAME AS ABOVE (Address)

D17066 (2-93-081)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 200

5. (a) Construction Code USAS B31.1.0 ; 19 67 Edition, N/A Addenda, Code Cases None

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, N/A 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 DISC ASSEMBLY	CRANE/ALOYCO	Unknown	na	2-203-1D (SPARE)	na	Repair ~~replced~~	no
						BAC 1-4-95	

7. Description of work: REPAIRED MAIN DISC GUIDE PADS BY WELD BUILD UP AND MACHINING. THE MAIN DISC SEATING SURFACE WAS MACHINED, A WELD BUILD UP PERFORMED, AND MACHINED TO PROPER DIMENSIONS.

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

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

9. Remarks: Weld repaired stellite guide tabs and main seating surface of spare MSIV disc. All repaired areas examined with liquid penetrant and are acceptable.

Certificate of Compliance

We certify that the statements made in this report are correct and this Repair (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 1-4 (Date), 19 95

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 HSB I+I C.O of HARTFORD, CT having inspected the Repair (Repair or Replacement) described in this report on 1-12-95, 19 ___ 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: 1-12-95 Inspector: Robert J. Ramey Commissions: 10932, NB7742, N I SB (State or Province, National Board)

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

Date: 7-7-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: CECO (Name)
SAME (Address)

NWR #M70335, RRP# 1-93-93
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 LPCI

5. (a) Construction Code B31-1, 19 67 Edition, NA Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, 89 Jul 4 Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components 7/12/93

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
A LPCI PP. DISC. CHECK	C/S VLV. CO		NONE			REPLACED	NO
VLV.							
A LPCI PP. DISC. CHECK	C/S VLV. CO	93-2206-01	NONE			Replacement	NO
VLV.		(Q)-01					

7. Description of work: REMOVE EXISTING CHECK VLV. & REPLACE WITH NEW

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

Test Pressure 150 psig Test Temperature NOM °F

9. Remarks: DOS 1300-06/VT-2 PERFORMED IN CONJUNCTION WITH NORMAL OPERATING TEST

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code

Signed: [signature] (Owner or Owner's Designee) SSE Engineer (Title) 9-29, 1993 (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 H.S.B.I. & I. CO. of HARTFORD CT having inspected the REPLACEMENT (Repair or Replacement) described in this report on 9/30, 1993 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: 9/30/93 Inspector: [signature] Commissions: 21617 (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: COMMONWEALTH EDISON COMPANY (NAME) DATE: 07-29-93
R.R. #1, MORRIS, IL. 60450 (ADDRESS) SHEET: 1 OF 1

2. PLANT: DRESDEN NUCLEAR POWER STATION (NAME) UNIT: 2
SAME AS ABOVE (ADDRESS)

RFP# 2 93-095

3. WORK PERFORMED BY: OWNER (NAME) CECO D20319
SAME AS ABOVE (ADDRESS) REPAIR ORGANIZATION P.O. NO., JOB NO. ETC.

4. IDENTIFICATION OF SYSTEM: 2300 HPCI TURBINE EXHUST RUPTURE DISC 2-2301-68 & 2-2301-69

5. (a) APPLICABLE CONSTRUCTION CODE B31.1 1967 EDITION, N/A ADDENDA, CODE CASES N/A
(b) APPLICABLE EDITION OF SECTION XI UTILIZED FOR REPAIRS OR REPLACEMENTS ~~1977~~, ~~S79~~ 1989 ADDENDA, CODE CASES N/A

6. IDENTIFICATION OF COMPONENTS REPAIRED OR REPLACED, AND REPLACEMENT COMPONENTS

NAME OF COMPONENT	NAME OF MFR.	MFRS. SER. NO.	NAT'L. BD. NO.	CRN NO.	OTHER IDENTIFICATION	YEAR BUILT	REPAIRED, REPLACED, OR REPLACEMENT	ASME CODE STAMPED (YES OR NO)
RUPTURE DISC	B,S&B SAFETY	N/A	N/A	N/A	2-2301-68	N/A	REPLACED	N/A
					2-2301-69			
RUPTURE DISC	BLACK,SIVALLS & BRYSON SAFETY	N/A	N/A	N/A	2-2301-68	N/A	REPLACEMENT	N/A
					2-2301-69			

7. DESCRIPTION OF WORK: REPLACE RUPTURE DISCS

8. TESTS CONDUCTED: HYDROSTATIC [ ] PNEUMATIC [ ] NOMINAL OPERATING PRESSURE [X] OTHER [ ]
PRESSURE: ~~1032~~ 1135 PSI TEST TEMP. ~~250~~ 275 DEG. F

9. REMARKS: DOS 2300-03
VT-2 PERFORMED IN CONJUNCTION WITH DOS 2300-3

CERTIFICATE OF COMPLIANCE

WE CERTIFY THAT THE STATEMENTS MADE IN THIS REPORT ARE CORRECT AND THIS REPLACEMENT (REPAIR OR REPLACEMENT) CONFORMS TO SECTION XI OF THE ASME CODE.

SIGNED: [signature] (OWNER OR OWNER'S DESIGNEE) Plant Supt TITLE 3-4 (DATE), 19 93

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 HSBI AGENCY OF HARTFORD, CT. HAVING INSPECTED THE Replacement (REPAIR(S) OR REPLACEMENT(S)) DESCRIBED IN THIS REPORT ON 3-21, 1994

AND STATE THAT 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: 3-21-94 INSPECTOR: [signature] COMMISSIONS: 16932 NB 7742 (STATE OR PROVINCE, NATIONAL BOARD)

NOTE: SUPPLEMENTAL SHEETS IN FORM OF LISTS, SKETCHES, OR DRAWINGS MAY BE USED PROVIDED (1) SIZE IS 8-1/2 IN. X 11 IN., (2) INFORMATION IN ITEMS 1 THROUGH 4 ON THIS DATA REPORT IS INCLUDED ON EACH SHEET, AND (3) EACH SHEET IS NUMBERED AND THE NUMBER OF SHEETS IS RECORDED AT THE TOP OF THIS FORM.

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

Date: 6-14-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: Spare 2/3

3. Work Performed By: DRESDEN N.P. STATION (Name)
RR#1 MORRIS, IL. 60450 (Address)

WR# D 14590 ~~RR 2-93-0960~~
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0200

5. (a) Construction Code B31.1.0, 1967 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, N/A Addenda, Code Cases N/A

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
DISC	CONSOLIDATED	NA	N/A	S.1. 570B50		REPLACED	NO
DISC	CONSOLIDATED	NA		S.1 505E78		REPLACEMENT	NO
PISTON RING	CONSOLIDATED	NA				REPLACED	NO
PISTON RING	CONSOLIDATED	NA		S.1. 506C37		REPLACEMENT	NO

7. Description of work: REPLACED DISC AND PISTON RINGS ON ELECTROMATIC VALVE
SFR # BX 00245

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

Test Pressure 500 psig Test Temperature AMB. °F

9. Remarks: TEST PER DMP 0200-35

Certificate of Compliance

We certify that the statements made in this report are correct and this REPAIR (Repair or Replacement) Conforms to Section XI of the ASME Code

Signed: _____ (Owner or Owner's Designee) CPS MGR (Title) 11/22 (Date), 19 93

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 H.S.B.I. & I. CO. of HARTFORD, CT having inspected the REPAIR (Repair or Replacement) described in this report on 11/22, 1993 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: 11/22/93 Inspector: _____ Commissions: 12617 (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

DAP 11-18
REVISION 04

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

Date: 5-14-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: Spare 2/3

3. Work Performed By: DRESDEN N.P. STATION (Name)
RR#1 MORRIS IL. 60450 (Address)

WR# D 14584 RFP 293-097
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0200

5. (a) Construction Code B31 1.0, 1967 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, N/A Addenda, Code Cases N/A

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
DISC	CONSOLIDATED	NA	N/A	S.1. 570B52		REPLACED	NO
DISC	CONSOLIDATED	NA	N/A	S.1 505E78		REPLACEMENT	NO
PISTON RING	CONSOLIDATED	NA	N/A			REPLACED	NO
PISTON RING	CONSOLIDATED	NA	N/A	S.1. 506C37		REPLACEMENT	NO

7. Description of work: REPLACED DISC AND PISTON RINGS ON ELECTROMATIC VALVE BX00294

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

Test Pressure 500 psig Test Temperature AMB. °F

9. Remarks: TEST PER DMP 0200-35

Certificate of Compliance

We certify that the statements made in this report are correct and this REPAIR (Repair or Replacement) Conforms to Section XI of the ASME Code

Signed: _____ (Owner or Owner's Designee) OPS MGR (Title) 11/22 19 93 (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 H.S.B.I.&I. CO. of HARTFORD CT having inspected the REPAIR (Repair or Replacement) described in this report on 11/22 from, 1993 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: 11/22/93 Inspector: _____ Commissions: IL 1617 (State or Province, National Board)

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

Date: 8-19-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2/3

3. Work Performed By: SAME AS Above (Name)
SAME AS Above (Address)

WR# D16265 RPR# 293-098
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1100 SBIC Pump

5. (a) Construction Code B.31.1.0, 1967 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, N/A Addenda, Code Cases N/A

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
SBIC Pump Discharge FLANGE	UNION Pump.	271642	N/A	N/A	N/A	REPAIR.	NO

7. Description of work: WELD Build up of Defect. AREA, and machine AREA TO ~~Original~~ RDL 8-19-93 ORGINAL SIZES PER NED Letter. Dated 8-11-93

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

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: _____

Certificate of Compliance

We certify that the statements made in this report are correct and this REPAIR (Repair or Replacement) Conforms to Section XI of the ASME Code

Signed: [signature] (Owner or Owner's Designee) TECH. SUPT. (Title) 9-14 (Date), 19 93

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 Hartford Steam Boiler of Hartford CT. (Insurance & Inspection Co.) having inspected the REPAIR (Repair or Replacement) described in this report on 9/8, 1993 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: 9/15/93 Inspector: [signature] Commissions: IL 1617 (State or Province, National Board)

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

Date: 11-2-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: SAME AS ABOVE (Name)
SAME AS ABOVE (Address)

F/RP 2-93-099 WR# 22561
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 2-203-2A

5. (a) Construction Code USAS B31.1.0 19 67 Edition, NONE Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NONE 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 MAIN STEAM ISO. VLV. RING, BODY SEAT	CRANE	UNKNOWN	N/A	2-203-2A	N/A	REPLACED	NO
2A MSIV RING BODY SEAT	CRANE	C2190	N/A	2-203-2A	N/A	REPLACEMENT	NO

7. Description of work: REMOVE VALVE SEAT REPLACED WITH NEW SE# 570D55.

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

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: _____

Certificate of Compliance

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

Signed: _____ (Owner or Owner's Designee) MAINT SUPT. (Title) 3-4 (Date), 19 94

Brendan J. Casey SEC 6-27-94

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 HSB I&I CO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 6-29-94, 19___ 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: 6-29-94 Inspector: Burt T. Rodney Commissions: NB 7747 NISB, IL 932
(State or Province, National Board)

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

Date: 11-5-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: SAME AS ABOVE (Name)
SAME AS ABOVE (Address)

D22627 (Plan 2-93-100)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 203

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
2-0203-1D MSIV	Crane	Unk.	N/A	NONE	Unk.	Replaced	NO
Valve Ring & Body Seat							
2-0203-1D MSIV	Crane	C2189	N/A	NONE	Unk.	Replacement	NO
Valve Ring & Body Seat							

7. Description of work: Remove existing valve seat and replace with new seat, existing seat has worn stellite and not aligned properly.

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

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: None.

Certificate of Compliance BAL 8/22/94

We certify that the statements made in this report are correct and this Repair Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 8-23 (Date), 1994

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 HSB I&I CO of HARTFORD, CT having inspected the Replacement (Repair or Replacement) described in this report on 1-10, 1996 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: 1-10-96 Inspector: Robert T Ramey Commissions: IL 932, NB 7742 N I B
(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: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 11-17-93

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: SAME AS ABOVE (Name)

SAME AS ABOVE (Address)

WR# 22640 PLAN # 2-93-101
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 200

5. (a) Construction Code USAS B31.1.0, 19 67 Edition, NONE Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NONE 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	YrBlt	Repair, Replaced or Replacement	Code Stamped Yes/No
BONNET, VALVE	CRANE	UNKNOWN	*	2-220-59	**	REPLACED	**
STUDS, VALVE BONNET	UNKNOWN	UNKNOWN	*	2-220-59	**	REPLACED	**
BONNET, VALVE	CRANE ALOYCO	C1771	*	2-220-59	1980	RPLCMENT	NO
STUD, VALVE BONNET	N/R	NONE	*	2-220-59	1984	RPLCMENT	NO

7. Description of work: REPLACE VALVE BONNET AND IT'S 12 EA. STUDS

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] ~~Not Applicable [X]~~ BJL 3-9-94

Test Pressure 998 psig Test Temperature 340 °F

9. Remarks: **UNKNOWN *NONE
VT-2 examination per SPPM VT-2-1; BJLarney 3-9-94

Certificate of Compliance

We certify that the statements made in this report are correct and this ~~Jet~~ Replacement Conforms to Section XI of the ASME Code.
(Repair or Replacement)

Signed: [signature] SEC 3-9, 1994
(Owner or Owner's Designee) (Title) (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 ILL, employed by HSB I&I CO of HARTFORD CT. having inspected the REPLACEMENT
(Repair or Replacement)
described in this report on 3-9, 1994 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: 3-9-94 Inspector: Robert T. Barney Commissions: IL 932, NB 7142 N I S B
(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

DAP 11-18
REVISION 05

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

Date: 08/25/94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: Owner (Name) D26099 2-94-001
Repair Organization P.O. No., Job No. etc.

Same (Address)

4. Identification of System: 1100

5. (a) Construction Code ~~USAS B31.1.0~~ ASME Section VIII, ~~19 67~~ 65 Edition, N/A Addenda, Code Cases N/A
BJC 11-10-94 BJC 11-10-94

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, N/A Addenda, Code Cases N/A

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 SBLC Relief Valve	Crosby	Unknown	N/A	2-1105B	N/A	Repleced	NO
2B SBLC Relief Valve	Crosby	Shop # 50284	N/A	2-1105B	N/A	Replacement	NO

7. Description of work: Replace valve with rebuilt valve. The rebuilt valve is original equipment.

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

Test Pressure 1275 psig Test Temperature Ambient °F

9. Remarks: During operating surveillance, valve lifted a number of times and was replaced as a precautionary measure with a rebuilt spare assembly.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 19 94

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 HSB I&CO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 1-12-, 1994 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: 1-12-94 Inspector: Robert J Reuss Commissions: IL932, NB1742N1SB
(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

DAP 11-18
REVISION 05

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

Date: 8-5-94
Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2 (CZ-94-005)

3. Work Performed By: OWNER (Name)
SAME AS ABOVE (Address)

CECO D25294
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 2300 HPCI Turbine Exhust Rupture Disc; 2-2301-68 & 2-2301-69

5. (a) Construction Code B31.1, 1967 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NA Addenda, Code Cases N/A

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
1) Rupture Disc B,	S&B SAFETY	N/A	N/A	2-2301-68		REPLACE	N/A
S&B SAFETY				2-2301-69			
		BJK 1-5-95					
2) Rupture Disc	BLACK SIVALLS	~~N/A~~	N/A	2-2301-68		Replace	N/A
	& BRYSON SAFETY	9400046 B-1		2-2301-69			

7. Description of work: Replaced rupture disc per station general surveillance.

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

Test Pressure ~~32~~ 33 BJK 1-5-95 psig Test Temperature 223 °F Per VT-2 Exam

9. Remarks: VT-2 Performed In Conjunction with DOS 2300-3

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 1-5 (Date), 1995

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 HSB I&I CO of HARTFORD, CT having inspected the Replacement (Repair or Replacement) described in this report on 12-7, 1995 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: 12-7-95 Inspector: Robert T. Carney Commissions: 10932, NB 7742 IL&S
(State or Province, National Board)

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

Date: 1-5-95

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2

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

D26915 (2-94-006)
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 Bd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
24" Dual Disc Check Valve	Unknown	Unknown	N/A	2-2301-45	N/A	Replaced	NO
24" Dual Disc Check Valve	C&S Valve	90-1239-01 (Q)-04	N/A	2-2301-45	91	Replacement	NO

7. Description of work: Replaced existing dual disk check valve with brand new dual disk check valve assembly.

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

Test Pressure 33 psig Test Temperature N/A °F

9. Remarks: Performed VT-2 examination during operational surveillance DOS 2300-03 (Reactor Vessel at 920 psig). No leakage observed, Valve accepted.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 1-5 (Date), 19 95

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 HSB I&R of HARTFORD, CT having inspected the Replacement (Repair or Replacement) described in this report on 12-6, 1995 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: 12-8-95 Inspector: Robert T. Reiney Commissions: IL 933 / NB 7742 N IL3
(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: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 8/17/94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
6500 No. Dresden Rd., Morris IL., 60450 (Address)

Unit: 2/3

3. Work Performed By: Commonwealth Edison Co. (Name)

NWR # D25355 (2-94-009)
Repair Organization P.O. No., Job No. etc.

6500 North Dresden Rd. Morris Ill., 60450 (Address)

4. Identification of System: 6600

5. (a) Construction Code TEMA Class C, 19 N/A Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, N/A Addenda, Code Cases N/A

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
Heat Exchangers	Electro Motive	371305	N/A	NONE	N/A	Replaced	No
Heat Exchanger	Electro Motive	371306	N/A	NONE	N/A	Replaced	No
Heat Exchanger	Electro Motive	346544	N/A	S.I. 254C94	N/A	Replacement	No
Heat Exchanger	Electro Motive	346545	N/A	S.I. 254C94	N/A	Replacement	No

7. Description of work: Replaced existing Diesel Generator Cooling Water heat exchangers with refurbished heat exchangers.

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

Test Pressure 30 psig Test Temperature Ambient °F

9. Remarks: Performed VT-2 during Operating surveillance DOS 6600-01. No leakage observed.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 1-5 (Date), 19 95

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 HSB HC CO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 1-9, 1995 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: 1-9-95 Inspector: Robert T. Lamey Commissions: IL 132, NB 7742, HISB
(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: Commonwealth Edison Company (Name)
One First National Plaza, Chicago IL, 60690 (Address)

Date: 09-20-94

Sheet: 1 Of 2

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 02

3. Work Performed By: Owner (Name)
Same (Address)

W.R.#D26851 ~~R/RP#3-94-118~~ BJC 11-10-94 (2-94-010)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0300, CRD

5. (a) Construction Code ASME SECTION III, 1965 Edition, ~~W-65~~ NO BJC 11-10-94 Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NONE 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
CRD FLANGE CAP SCREWS	GENERAL ELECTRIC	NONE	N/A	1-8 X 5-1/2" (H-7)	N/A	REPLACED	NO
CRD FLANGE CAP SCREWS	GENERAL ELECTRIC	137C9293P004	N/A	1-8 X 5-1/2" (H-7)	"	REPLACEMENT	NO
CRD FLANGE CAP SCREWS	GENERAL ELECTRIC	NONE	N/A	1-8 X 5-1/2" (G-11)	"	REPLACED	NO
CRD FLANGE CAP SCREWS	GENERAL ELECTRIC	137C9293P004	N/A	1-8 X 5-1/2" (G-11)	"	REPLACEMENT	NO
CRD FLANGE CAP SCREWS	GENERAL ELECTRIC	NONE	N/A	1-8 X 5-1/2" (J-8)	"	REPLACED	NO
CRD FLANGE CAP SCREWS	GENERAL ELECTRIC	117C4515P002	N/A	1-8 X 5-1/2" (J-8)	N/A	REPLACEMENT	NO

7. Description of work: REMOVE AND REPLACE CRD FLANGE CAP SCREWS.

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

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

9. Remarks: Replaced existing overtorqued capscrews with brand new capscrews

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.
(Repair or Replacement)

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 11-10 (Date), 19 94

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 HSB I&I CO of HARTFORD, CT having inspected the _REPLACEMENT_
(Repair or Replacement)
described in this report on 12-7, 19 94 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: 12-7-94 Inspector: Robert T. Lavins Commissions: IL 932, #13774 IL I&S
(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) Date: 3-7-96
One First National Plaza, Chicago IL, 60690 (Address)
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: Bechtel Constructors (Name) WR D27675 Plan 2-94-011
Repair Organization P.O. No., Job No. etc.
P.O. Box 829 Morris, IL 60450 (Address)

4. Identification of System: 0220/3000 Main Steam

5. (a) Construction Code USAS B31.1.0, 1967 Edition, NO Addenda, Code Cases NO
(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
CARBON STEEL PIPING (A-106 Grade B) AND FITTINGS(A-105)	UNKNOWN	N/A	N/A	MAIN STEAM DRAIN LINES	N/A	REPLACED	NO
1½" PIPE (A-106 Grade B, SCHEDULE 80)	UNKNOWN	N/A	N/A	SI #504B75	N/A	REPLACEMENT	NO
2" PIPE (A-106 Grade B, SCHEDULE 80)	UNKNOWN	N/A	N/A	SI #551A30	N/A	REPLACEMENT	NO
1½" 3000# 90 DEGREE ELBOWS(A-105)	UNKNOWN	N/A	N/A	SI #558A70	N/A	REPLACEMENT	NO
2" 3000# TEES (A-105)	UNKNOWN	N/A	N/A	SI #558A56	N/A	REPLACEMENT	NO
2" X 1½" REDUCING INSERTS (A-105)	UNKNOWN	N/A	N/A	SI #799D52	N/A	REPLACEMENT	NO
½" A-36 PLATE	UNKNOWN	N/A	N/A	SI #779B98	N/A	REPLACEMENT	NO

7. Description of work: Piping on main steam drain lines was rerouted and flued head anchor support was modified to add thermal loops to the system.

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

Test Pressure 920 psig Test Temperature AMBIENT °F

9. Remarks: Unit 2 main steam line drain lines were modified under Exempt Plant Change P12-2-94-268. Flued head anchor at Penetration X-106 was modified by the addition of stiffener plates. Piping was examined at 920 psig under Relief Request PR-19.

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) 3-7 (Date), 1996

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 Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 3-12, 1996 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: 3-12-96 Inspector: Scott T. Perine Commissions: IL932, NB7742NISB
(State or Province, National Board)

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

Date: 1-5-95

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 2

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

D26919 (2-94-013)
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
12" Rockwell International Stop Check Valve Disc	Rockwell International	Unknown	N/A	2-2301-74	N/A	Replaced	NO
12" Rockwell International Stop Check Valve Disc	Rockwell International	N/A	N/A	2-2301-74	N/A	Replacement	NO

7. Description of work: Replaced existing disc (due to cracked tack weld at stem-to-disc) with new assembly.

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

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

9. Remarks: Replaced existing plug with spare plug as time-saving measure. Existing plug had a cracked tackweld which caused seat plug to lock and not seat resulting in failed local leak rate.
BAE 1-5-95

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 12-5 (Date), 1995

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 HSB I&I Co of HARTFORD, CT having inspected the Replacement. (Repair or Replacement) described in this report on 3-14, 1996 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: 3-14-96 Inspector: Robert T Fairey Commissions: IL 932 NB 7742 N/S B
(State or Province, National Board)

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

Date: 10/11/94

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
6500 No. Dresden Rd., Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: Commonwealth Edison Co. (Name)

NWR # D27598 Z-94-014
Repair Organization P.O. No., Job No. etc.

6500 North Dresden Rd. Morris Ill., 60450 (Address)

4. Identification of System: 0200

5. (a) Construction Code ~~B31.1.0~~ ASME Section I, ~~1967~~ 1965 Edition, N/A Addenda, Code Cases N/A
BAF 10/13/94

(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	NatBrd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
FLANGE FOR SAFETY R/V 2-203-4C	UNKNOWN	N/A	N/A	FLANGE FOR 2-203-4C SAFETY VALVE	N/A	REPAIR	NO

7. Description of work: WELD REPAIR GROOVE IN FLANGE

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

Test Pressure 920 psig Test Temperature _____ °F

9. Remarks: Tested at 920 psig per Dresden Station Third Interval Relief Request PR-02.

Certificate of Compliance

We certify that the statements made in this report are correct and this Repair (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 12-5 (Date), 1995

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 HSB I&I CO of HARTFORD CT having inspected the Repair (Repair or Replacement) described in this report on 12/16/95, 19___ 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: 12-16-95 Inspector: Robert T. Ramsey Commissions: IL 932, NB 7742 N IS B
(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) Date: 3/23/96
One First National Plaza, Chicago IL, 60690 (Address)
Sheet: 1 Of 1

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

3. Work Performed By: BECHTEL CONSTRUCTORS (Name) WR #940094890 PLAN 2-94-019
Repair Organization P.O. No., Job No. etc.
GAITHERSBURG, MD (Address)

4. Identification of System: 0205 REACTOR HEAD SPRAY

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
2½" GATE VALVE	CRANE VALVE	UNKNOWN	N/A	2-0205-24	N/A	REPLACED	NO
2½" GATE VALVE	ANCHOR/DARLING VALVE	ET-802-5-1	N/A	SI #813H26	94	REPLACEMENT	NO

7. Description of work: Replaced existing gate valve with double disc gate valve in order to meet requirements of Generic Letter 89-10. All work was performed in accordance with Plant Change P12-2-94-233.

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

Test Pressure 1040 psig Test Temperature 200 °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) 3-23 (Date), 19 96

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, Connectictu having inspected the **REPLACEMENT** described in this report on 3-29, 1996 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: 3-29-96 Inspector: Robert T. Klein Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

ATTACHMENT 1

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

DAP 11-18
REVISION 06

1. Owner: ComEd
One First National Plaza, Chicago IL, 60690

Date: 1-23-96

Sheet: 1 Of 1

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

Unit: 2

3. Work Performed By: Bechtel Constructors (Name)

940097221 Plan 2-94-020
Repair Organization P.O. No., Job No. etc.

Gaithersburg, MD 20877 (Address)

4. Identification of System: 1500 LPCI

5. (a) Construction Code ASME Section III, 1977 Edition, S79 Addenda, Code Cases NO
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NO

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
Strut (Figure 211, Size 4 with 16 " Pipe Clamp)	Grinnell	None	N/A	Support M-3214-03	N/A	Replaced	No
Strut (Figure 211, Size 6 with 16 " Pipe Clamp)	Grinnell	None	N/A	Support M-3214-03	N/A	Replacement	No

7. Description of work: Modify support per Minor Plant Change P12-2-94-226

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

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: Modified support in order to address extra weight placed on line due to satisfy piping stress design basis requirements. This support was moved approximately 6" from existing spot.

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 ISI Coordinator 1-23, 1996
(Owner or Owner's Designee) (Title) (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, and employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 1-25, 1995 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: 1-25-95 Inspector: Robert T Reiney Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

ATTACHMENT 1

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

DAP 11-18
REVISION 06

1. Owner: ComEd
One First National Plaza, Chicago IL, 60690

Date: 1-23-96

Sheet: 1 Of 1

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

Unit: 2

3. Work Performed By: Bechtel Constructors (Name)

940097221 Plan 2-94-021
Repair Organization P.O. No., Job No. etc.

Gaithersburg, MD 20877 (Address)

4. Identification of System: 1500 LPCI

5. (a) Construction Code ASME Section III, 1977 Edition, S79 Addenda, Code Cases NO
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NO

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
Rod hanger assembly (Figures 66, 230, 253, and 295)	Grinnell	None	N/A	Support M-3214-11	N/A	Replaced	No
Strut (Figure 211, Size 2 with 16 " Pipe Clamp)	Grinnell	None	N/A	Support M-3214-11	N/A	Replacement	No
Baseplate (A-36 1/2" thick)	Unknown	HT #30238	N/A	Support M-3214-11	N/A	Replacement	No
Baseplate (A-36 3/4" thick)	Unknown	HT #42315	N/A	Support M-3214-11	N/A	Replacement	No
Tube Steel (A-500)	Unknown	HT #T84232	N/A	Support M-3214-11	N/A	Replacement	No

7. Description of work: Modify support per Minor Plant Change P12-2-94-226

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

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: Modified support in order to address extra weight placed on line due to satisfy piping stress design basis requirements. The replacement support has a base plate which the existing support did not have.

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 ISI Coordinator 1-23, 1996
(Owner or Owner's Designee) (Title) (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, and employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 1-25, 1996 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: 1-25-96 Inspector: Robert T Rainey Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

ATTACHMENT 1

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

DAP 11-18
REVISION 06

Sheet: 1 Of 1

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

Unit: 2

3. Work Performed By: Bechtel Constructors (Name)

940097221 Plan 2-94-022
Repair Organization P.O. No., Job No. etc.

Gaithersburg, MD 20877 (Address)

4. Identification of System: 1500 LPCI

5. (a) Construction Code ASME Section III, 1977 Edition, S79 Addenda, Code Cases NO
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NO

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
Pipe Support (A-36 Plate, 1/2" thick)	Unknown	Ht #30238	N/A	SI #779B98 M-3214-17 CHB 7/1/96	N/A	Repair	No

7. Description of work: Modify support per Minor Plant Change P12-2-94-226

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

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: Modified support in order to address extra weight placed on line due to satisfy piping stress design basis requirements. Added stiffener plates to existing support.

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) 1-23, 1996 (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, and employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR** described in this report on 1-25, 1996 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: 1-25-96 Inspector: Robert J Lewis 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) Date: 5/7/96
One First National Plaza, Chicago IL, 60690 (Address)
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: BECHTEL CONSTRUCTION (Name) WR 940097078 (PLAN 2-94-023)
Repair Organization P.O. No., Job No. etc.
GAITHERSBURG, MD 20877 (Address)

4. Identification of System: 1000 SHUTDOWN COOLING

5. (a) Construction Code USAS B31.1.0/ASME Section I, 19 67/65 Edition, NO/W66 Addenda, Code Cases None
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases ~~N498-1~~ N416-1
BJC 7-23-96

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
16" GATE VALVE	CRANE	N/A	N/A	2-1001-1A	N/A	REPLACED	NO
16" GATE VALVE	CRANE	N/A	N/A	2-1001-1B	N/A	REPLACED	NO
16" PIPE (A106 Grade B, Sch. 80)	UNKNOWN	N/A	N/A	Line 2-1001B-16"-B	N/A	REPLACED	NO
16" GATE VALVE	ANCHOR DARLING	ET-657-1-2	N/A	SI #810D84	N/A	REPLACEMENT	NO
16" GATE VALVE	ANCHOR DARLING	ET-657-1-1	N/A	SI #810D84	N/A	REPLACEMENT	NO
16" PIPE (A106 Grade B, Sch. 80)	UNKNOWN	HEAT LOO410	N/A	SI #812H36	N/A	REPLACEMENT	NO

7. Description of work: Replaced both inboard isolation valves on Shutdown Cooling system per Plant Change P12-2-94-275 to address past local leak rate test failures. Piping pup piece was added on "B" line to accommodate valve installation.

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

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: Replaced existing Crane gate valves with Anchor Darling double disc gate valves.

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) 5-7 (Date), 19 96

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, Connecticu having inspected the **REPLACEMENT** described in this report on 5-13, 1996 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: 5-13-96 Inspector: Scott T. Ramey 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) Date: 5-7-96
One First National Plaza, Chicago IL, 60690 (Address)

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: BECHTEL CONSTRUCTION (Name) WR 930057149 (PLAN 2-95-001)
Repair Organization P.O. No., Job No. etc.
GAITHERSBURG, MD 20877 (Address)

4. Identification of System: 0202 REACTOR RECIRCULATION

5. (a) Construction Code USAS B31.1.0/ASME Section I, 19 67/65 Edition, NO/W66 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
LINE 2-0202B-28"-A	N/A	N/A	N/A	WELD 202-1B-D4	N/A	REPAIR	NO

7. Description of work: Performed weld overlay repair at upstream of 2B recirc pump to mitigate the potential for IGSCC,ensure system integrity. All work performed under Plant Change P12-2-94-261. Also removed whip restraint support M-1157D-283 permanently.

8. Test Conducted:

Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: Added a weld overlay to 28" cast stainless-to-cast stainless weld to mitigate the potential for IGSCC. Overlay repair area was examined during system hydro on 2-20-96 and found acceptable although leakage test is not required per Section XI, IWA-4700(b) (3). This weld is now placed in inspection category E per Generic Letter 88-01.

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) 5-7 (Date), 1996

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, Connectictu having inspected the **REPAIR** described in this report on 6-12, 1996 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: 6-12-96 Inspector: Robert T Lewis 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) Date: 5-29-96
One First National Plaza, Chicago IL, 60690 (Address)
Sheet: 1 Of 1

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

3. Work Performed By: Same as Above (Name) WR 940094875 (PLAN 2-95-002)
Repair Organization P.O. No., Job No. etc.
Same as Above (Address)

4. Identification of System: 0202 Main Steam

5. (a) Construction Code ASME Section III, 19 65 Edition, S66 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
6" CONSOLIDATED SAFETY VALVE	CONSOLIDATED	BK6530	N/A	2-0203-4H	N/A	REPLACED	NO
6" CONSOLIDATED SAFETY VALVE	CONSOLIDATED	BK6304	N/A	SI #501G89	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing main steam safety valve (1250 set point) with rebuilt spare.

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

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: Removed valve (Serial Number BK6530) will be rebuilt by Mechanical Maintenance and returned to Stores as spare stock.

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) 5-29 (Date), 19 96

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, Connectictu having inspected the **REPLACEMENT** described in this report on 6-20, 1996 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: 6-20-96 Inspector: Robert T Lerner Commissions: IL932, NB7742NISB
(State or Province, National Board)

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

Date: 1/21/95

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
6500 No. Dresden Rd., Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: Commonwealth Edison Co. (Name)

NWR # D29427 (2-95-003)
Repair Organization P.O. No., Job No. etc.

6500 North Dresden Rd. Morris Ill., 60450 (Address)

4. Identification of System: 1500

5. (a) Construction Code B31.1.0, 1967 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	NatBrd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2B LPCI PUMP MINIMUM FLOW LINE.	UNKNOWN	N/A	N/A	LINE 2-1533B-2"-D	N/A	~~REPAIR~~ Replacement	NO

7. Description of work: Install temporary alteration to support 2B LPCI Pump motor repairs (Temp Alt II-01-95)

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

Test Pressure Nominal psig Test Temperature Ambient °F

9. Remarks: Temporary alteration required to repair 2B LPCI Pump motor under 30 day L.C.O System restored under WR D22021.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 12-5 (Date), 1995

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 HSB I&I CO of HARTFORD, CT having inspected the Replacement (Repair or Replacement) described in this report on 12-29, 1995 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: 12-29-95 Inspector: [signature] Commissions: IL 932 NB 7742 N IS B
(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

Document 14

DAP 11-18
REVISION 05

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

Date: 1/21/95

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
6500 No. Dresden Rd., Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: Commonwealth Edison Co. (Name)

D22021
NWR # ~~D29427~~ Plan 2-95-003
Repair Organization P.O. No., Job No. etc.

6500 North Dresden Rd. Morris Ill., 60450 (Address)

BJC 1-5-96

4. Identification of System: 1500

5. (a) Construction Code B31.1.0, 1967 Edition, N/A Addenda, Code Cases N/A

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, N/A Addenda, Code Cases N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	NatBrd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2B LPCI PUMP MINIMUM FLOW LINE, FLANGE.	UNKNOWN	BJC 1-5-96 ~~N/A~~ ⑥	N/A	CECO S.I. #504G29	N/A	NEW	NO
2B LPCI PUMP MINIMUM FLOW LINE, SUPPORT M-3394, U-BOLT	NPS INDUSTRIES	PUH-020	N/A	CECO S.I. #793B93	N/A	REPLACED	NO
2B LPCI PUMP MINIMUM FLOW LINE, SUPPORT M-3394, U-BOLT	GRINNELL	137S	N/A	CECO S.I. #790E92	N/A	REPLACE-MENT	NO
⑥ Heat # 195 SNT, Serial Number N5332-3-2.							

7. Description of work: INSTALL NEW FLANGE AND U-BOLT.

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

Test Pressure 166 psig Test Temperature Ambient °F

9. Remarks: Temporary Alteration to support 2B LPCI Pump Motor Repair.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 1-5 (Date), 1996

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 HSB I&I CO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 1-10, 1996 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: 1-10-96 Inspector: Robert T Carney Commissions: IL 932, NB 1742 N IB
(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) Date: 6-20-96
One First National Plaza, Chicago IL. 60690 (Address)
Sheet: 1 Of 1

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

3. Work Performed By: Bechtel Constructors (Name) WR 940095744 (PLAN 2-95-004)
Repair Organization P.O. No., Job No. etc.
Gaithersberg, MD 20877 (Address)

4. Identification of System: 0202 Reactor Recirculation

5. (a) Construction Code USAS B31.1.0/ASME Section I, 19 67/65 Edition, NO /S66 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
"A" and "B" Recirc Discharge Bypass Piping	Unknown	None	N/A	Lines 2-0203A-4"-A and 2-0203B-4"-A	N/A	REPLACED	NO
2 each 4" Sch. 80 Pipe Capa	Unknown	Heat No. P2480	N/A	SI# 814G32	N/A	REPLACEMENT	NO
2 each 4" X 3" Sch. 80 Concentric Reducers	Unknown	Heat No. E7983	N/A	SI# 814A33	N/A	REPLACEMENT	NO
2 each 3" 900# Pipe Flanges	Unknown	Heat No. 24313	N/A	SI# 814D32	N/A	REPLACEMENT	NO
2 each 3" 900# Pipe Flanges	Unknown	Heat Code C4433	N/A	SI# 814E32	N/A	REPLACEMENT	NO
⅞"-9 A193 Grade B7 Flange Studs	Unknown	None	N/A	SI# 500E53	N/A	REPLACEMENT	NO
⅞"-9 SA 194 Grade 2H Hex Nuts	Unknown	Heat 8898273 Heat Code H2	N/A	SI# 766H18	N/A	REPLACEMENT	NO

7. Description of work: Removed existing reactor recirculation bypass lines (on both the "A" and "B" discharge loops and installed caps/decon flanges per Modifcation M12-2-91-005. Removal of piping also including demolition associated supports and removal of MOVs 2-0202-7A and 2-0202-7B.

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

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: Both bypass lines were removed to eliminate IGSCC concerns. Replacement welds were performed using heat sink welding as prescribed in Generic Letter 88-01. Maximum carbon content of replacement fittings was .020%.

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) 6-28 (Date), 1996

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, Connectictu having inspected the **REPLACEMENT** described in this report on 6-28-96, 19___ 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: 6-28-96 Inspector: Kurt T Kairis 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: 5-29-96

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 940093991 (PLAN 2-95-005)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0202 Main Steam

5. (a) Construction Code ASME Section III, 1965 Edition, S66 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
6" CONSOLIDATED SAFETY VALVE	CONSOLIDATED	BK6288	N/A	2-0203-4H	N/A	REPLACED	NO
6" CONSOLIDATED SAFETY VALVE	CONSOLIDATED	BK7162	N/A	SI #501G89	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing main steam safety valve (1260 set point) with rebuilt spare.

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

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: Removed valve (Serial Number BK6288) will be rebuilt by Mechanical Maintenance and returned to Stores as spare stock.

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) 5-29 (Date), 1996

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 6-20, 1996 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: 6-20-96 Inspector: Robert T Lacey 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: 5-29-96

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 940093991 (PLAN 2-95-006)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0202 Main Steam

5. (a) Construction Code ASME Section III, 1965 Edition, S66 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
6" CONSOLIDATED SAFETY VALVE	CONSOLIDATED	BK7157	N/A	2-0203-4H	N/A	REPLACED	NO
6" CONSOLIDATED SAFETY VALVE	CONSOLIDATED	BK6282	N/A	SI #501G89	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing main steam safety valve (1260 set point) with rebuilt spare.

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

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: Removed valve (Serial Number BK7157) will be rebuilt by Mechanical Maintenance and returned to Stores as spare stock.

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) 5-29 (Date), 19 96

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 6-20-96, 19 ___ 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: 6-20-96 Inspector: Kurt T. Gibney Commissions: IL932, NB7742NISB
(State or Province, National Board)

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

Date: 1-24-95

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 1/2

3. Work Performed By: Owner (Name)
Same (Address)

D26296 (BAC 2245 2-95-010)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0200 2245

5. (a) Construction Code ASME III, 1965 Edition, BAC SW66 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
NOZZLE for 6"	CONSOLIDATED	Unknown		Unknown	N/A	REPLACED	NO
Consolidated Relief V/V.							
NOZZLE for 6"	CONSOLIDATED	ABUS2		NR 4139704N	91	REPLACEMENT	NO
Consolidated Relief V/V.							

7. Description of work: REPLACE NOZZLE with new nozzle assembly. Valve Serial Number is BK7156.

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

Test Pressure 1000 psig Test Temperature 200 °F

9. Remarks: Replaced existing nozzle with new nozzle. Performed inservice leak test in conjunction with set point / seat leakage verification under DMP 0200-30.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 3-31-95 (Date) 3-31-95, 1995

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 HSB I&C Co of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 3-31, 1995 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: 3-31-95 Inspector: [signature] Commissions: IL 932 NB 7742 NISB
(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) Date: 3-15-96
One First National Plaza, Chicago IL, 60690 (Address)
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) 940096964 PLAN 2-95-013
Repair Organization P.O. No., Job No. etc.
SAME AS ABOVE (Address)

4. Identification of System: 1500 CCSW/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 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
2-1501-44C CCSW PUMP DISCHARGE ELBOW (8" .322" WALL)	UNKNOWN	NONE	N/A	NONE	N/A	REPAIR	NO
SOCKET WELD ON LINE 2-15101C-2"-D	UNKNOWN	NONE	N/A	NONE	N/A	REPLACED	NO

7. Description of work: Cut out socket weld on Line 2-15101-2"-D to facilitate removal of 8" elbow which was repaired by internal weld build up to restore minimum wall. Reinstalled 8" elbow (bolted connection) and socket weld (2" pipe).

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

Test Pressure 182 psig Test Temperature AMBIENT °F

9. Remarks: None.

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) 3-15 (Date), 19 96

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, Connecticu having inspected the REPAIR described in this report on 3-15, 19 96 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: 3-15-96 Inspector: Robert J. Lainey 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) Date: 3-15-96
One First National Plaza, Chicago IL, 60690 (Address)
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) 940096967 PLAN 2-95-014
Repair Organization P.O. No., Job No. etc.
SAME AS ABOVE (Address)

4. Identification of System: 1500 CCSW/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 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
2-1501-44D CCSW PUMP DISCHARGE ELBOW (8" .322" WALL)	UNKNOWN	NONE	N/A	NONE	N/A	REPAIR	NO

7. Description of work: Performed weld repair on inside diameter of 8" elbow to restore minimum wall.

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

Test Pressure 195 psig Test Temperature AMBIENT °F

9. Remarks: None.

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) 3-15 (Date), 19 96

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, Connecticu having inspected the REPAIR described in this report on 3-15, 19 96 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: 3-15-96 Inspector: Kurt T Kairis 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

DAP 11-18
REVISION 05

1. Owner: ComEd
One First National Plaza, Chicago IL, 60690

Date: 3-3-95

Sheet: 1 Of 1

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

Unit: 2

3. Work Performed By: SAME AS ABOVE (Name)

D24151 (PLAN 2-95-016)
Repair Organization P.O. No., Job No. etc.

SAME AS ABOVE (Address)

4. Identification of System: 1500 (LPCI)

5. (a) Construction Code USAS B31.1.0, 1967 Edition, NO Addenda, Code Cases NO
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NO

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
12" 300# CHECK VALVE	C&S VALVE CO.	N/A	N/A	2-1501-63A	N/A	REPLACED	NO
16 1-1/8" X 7" FLANGE HEX NUTS	UNKNOWN	N/A	N/A	NONE	N/A	REPLACED	NO
16 1-1/8" X 7" FLANGE BOLTS	UNKNOWN	N/A	N/A	NONE	N/A	REPLACED	NO
12" 300# CHECK VALVE	GULF VALVE CO.	27823-2-1	N/A	2-1501-63A	1994	REPLACEMENT	NO
16 1-1/8" X 7" FLANGE HEX NUTS	UNKNOWN	N/A	N/A	SI #786C85	N/A	REPLACEMENT	NO
16 1-1/8" X 7" FLANGE BOLTS	UNKNOWN	N/A	N/A	SI #760G56	N/A	REPLACEMENT	NO

7. Description of work: Replace existing dual disc check valve (made by C&S Valve) with new assembly (made by Gulf Valve) due to Part 21 notification on adhesive problem. These valves have rubber seats.

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

Test Pressure 134 psig Test Temperature AMBIENT °F

9. Remarks: Replaced existing check valave and associated bolting.

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 ISI Coordinator 3-23-, 1996
(Owner or Owner's Designee) (Title) (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 Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 3-28, 1996 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: 3-28-96 Inspector: Robert T Jones 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) Date: 5-29-96
One First National Plaza, Chicago IL, 60690 (Address)
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: Bechtel Constructors (Name) WR 940097732 (PLAN 2-95-019)
Repair Organization P.O. No., Job No. etc.
Gaithersberg, MD 20877 (Address)
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
BONNET STUDS (1 1/8"-11 X 7")	UNKNOWN	UNKNOWN	N/A	2-2301-50A	N/A	REPLACED	NO
BONNET STUD NUTS (1 1/8")	UNKNOWN	UNKNOWN	N/A	2-2301-50A	N/A	REPLACED	NO
BONNET STUDS (1 1/8"-11 X 7")	UNKNOWN	HEAT G5	N/A	SI #796C99	N/A	REPLACEMENT	NO
BONNET STUD NUTS (1 1/8")	UNKNOWN	UNKNOWN	N/A	SI #500E52	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing dual disc check valve bonnet bolting with new material after performing check valve inspection (bolting had minor corrosion).
8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]
Test Pressure _____ psig Test Temperature _____ °F
9. Remarks: Piping was given a VT-2 examination during operational HPCI surveillance DOS 2300-03.

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) 5-29 (Date), 19 96

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, Connecticu having inspected the **REPLACEMENT** described in this report on 7-1-96, 19____ 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: 7-1-96 Inspector: Robt T Primm 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) Date: 5-29-96
One First National Plaza, Chicago IL, 60690 (Address)
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: Bechtel Constructors (Name) WR 940097733 (PLAN 2-95-020)
Repair Organization P.O. No., Job No. etc.
Gaithersberg, MD 20877 (Address)

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
BONNET STUDS (¾"-10 X 7")	UNKNOWN	UNKNOWN	N/A	2-2301-51	N/A	REPLACED	NO
BONNET STUD NUTS (¾")	UNKNOWN	UNKNOWN	N/A	2-2301-51	N/A	REPLACED	NO
BONNET STUDS (¾"-10 X 7")	UNKNOWN	HEAT F4	N/A	SI #796D75	N/A	REPLACEMENT	NO
BONNET STUD NUTS (¾")	UNKNOWN	HEAT X8Q	N/A	SI #796D01	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing dual disc check valve bonnet bolting with new material after performing check valve inspection (bolting had minor corrosion).

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

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: Piping was given a VT-2 examination during operational HPCI surveillance DOS 2300-03.

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) 5-29 (Date), 1996

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, Connectictu having inspected the **REPLACEMENT** described in this report on 7-1, 1996 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: 7-1-96 Inspector: Robert T Reiner 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) Date: 7-5-96
One First National Plaza, Chicago IL, 60690 (Address)
Sheet: 1 Of 1

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

3. Work Performed By: Same as Above (Name) WR 940094036 (PLAN 2-95-024)
Same as Above (Address) 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
6" Electromatic Relief Valve	ConsolidatedValve	*	N/A	2-0203-3E	N/A	REPLACED	NO
1⅜" Stud Hex Nuts	Unknown	Unknown	N/A	2-0203-3E	N/A	REPLACED	NO
6" Electromatic Relief Valve	ConsolidatedValve	BK7052	N/A	SI #809F15	N/A	REPLACEMENT	NO
1⅜" Stud Hex Nuts	Consolidated Valve	Heat QT74	N/A	SI #790H78	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing electromatic relief valve assembly as part of station preventative maintenance program. Hex nuts were replaced because they were not consistent wrench size as remaining hex nuts.

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

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: *Serial number of valve removed was not recorded in work package.

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) 7-5 (Date), 1996

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, Connectictu having inspected the **REPLACEMENT** described in this report on 7-8-, 1996 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: 7-8-96 Inspector: [signature] 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) Date: 7-5-96
One First National Plaza, Chicago IL, 60690 (Address)
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 940093990 (PLAN 2-95-025)
Repair Organization P.O. No., Job No. etc.
Same as Above (Address)

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 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
6" Electromatic Relief Valve	ConsolidatedValve	*	N/A	2-0203-3C	N/A	REPLACED	NO
1⅜" Stud Hex Nuts	Unknown	Unknown	N/A	2-0203-3C	N/A	REPLACED	NO
6" Electromatic Relief Valve	ConsolidatedValve	BK7080	N/A	SI #809F15	N/A	REPLACEMENT	NO
1⅜" Stud Hex Nuts	Consolidated Valve	Heat QT74	N/A	SI #790H78	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing electromatic relief valve assembly as part of station preventative maintenance program. Hex nuts were replaced because they were not consistent wrench size as remaining hex nuts.

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

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: *Serial number of valve removed was not recorded in work package.

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) 7-5 (Date), 1996

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, Connectictu having inspected the **REPLACEMENT** described in this report on 7-5, 1996 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: 7-8-96 Inspector: Brett T Reamy 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) Date: 5-22-96
One First National Plaza, Chicago IL, 60690 (Address)
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: Bechtel Construction (Name) WR 930056328 (PLAN 2-95-026)
Repair Organization P.O. No., Job No. etc.
Gaithersberg, MD 20877 (Address)
4. Identification of System: 1400 Core Spray
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
Valve Bonnet	Crane Valve	UNKNOWN	N/A	2-1402-4B	N/A	REPLACED	NO
Valve Bonnet Studs	Unknown	Unknown	N/A	None	N/A	REPLACED	NO
Valve Bonnet Nuts	Unknown	Unknown	N/A	None	N/A	REPLACED	NO
Orifice Flange Bolts	Unknown	Unknown	N/A	RO-2-1402-48B	N/A	REPLACED	NO
Orifice Flange Nuts	Unknown	Unknown	N/A	RO-2-1402-48B	N/A	REPLACED	NO
Valve Bonnet	Control Components Inc.	637271-1 (Kit)	N/A	SI #812A26	94	REPLACEMENT	NO
Valve Bonnet Studs	Unknown	None	N/A	SI #812H66	N/A	REPLACEMENT	NO
Valve Bonnet Nuts	Unknown	None	N/A	SI #796D01	N/A	REPLACEMENT	NO
Orifice Flange Bolts	Unknown	None	N/A	SI #796D01	N/A	REPLACEMENT	NO
Orifice Flange Nuts	Unknown	None	N/A	SI #796D75	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing valve bonnet (and associated bonnet bolting) with new anti-cavitation trim bonnet and replaced flow orifice with a spacer plate (also replaced associated orifice flange bolting). All work performed per Plant Change P12-2-93-278.

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

Test Pressure 245 psig Test Temperature Ambient °F

9. Remarks: Bonnet was replaced to address Generic Letter 89-10 concerns. Flow orifice was no longer required and was replaced with a spacer plate.

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) 5-22 (Date), 1996

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, Connectictu having inspected the **REPLACEMENT** described in this report on 5-24, 1996 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: 5-29-96 Inspector: Curt T Ramey 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) Date: 7-5-96
One First National Plaza, Chicago IL, 60690 (Address)
Sheet: 1 Of 1

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

3. Work Performed By: Bechtel Constructors (Name) WR 940097591 (PLAN 2-95-029)
Repair Organization P.O. No., Job No. etc.
Gaithersberg, MD 20877 (Address)

4. Identification of System: 1300 Isolation Condenser

5. (a) Construction Code USAS B31.1.0 , 1967 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
PSA-10 Mechanical Snubber	Pacific Scientific	10399	N/A	Snubber 2-1303-01	N/A	REPLACED	NO
PSA-10 Mechanical Snubber	Pacific Scientific	17635	N/A	SI #504B86	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing snubber with rebuilt spare as part of station preventative maintenance program for snubbers. Removed snubber will be rebuilt and returned to Stores as spare stock.

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 **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 7-5 (Date), 1996

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, Connectictu having inspected the **REPLACEMENT** described in this report on 7-5, 1996 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: 7-5-96 Inspector: Robt T. Lowry Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY_3

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

DAP 11-18
REVISION 05

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

Date: 9/25/95

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R.#1, Morris IL., 60450 (Address)

Unit: 2

3. Work Performed By: BECHTEL CONSTRUCTORS (Name)

GAITHERSBERG, MD 20877 (Address)

WR 940097586 (2-95-032)
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 3000

5. (a) Construction Code USAS B31.1.0, 1967 Edition, None Addenda, Code Cases None

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, None 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 (PSA-10)	PACIFIC SCIENTIFIC	17844	N/A	EPN#2-3001A49 SN# 17844	N/A	REPLACED	NO
SNUBBER (PSA-10)	PACIFIC SCIENTIFIC	17630	N/A	SN# 17630 *	N/A	REPLACEMENT	NO

7. Description of work: REPLACE SNUBBER PER DMP 0040-35.

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

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: * SI# 504B86

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) 11-30, 1995 (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 Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 11-30, 1995 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: 11-30-95 Inspector: Matt J Kearney Commissions: IL932, NB7742NISB
(State or Province, National Board)

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

Category 3

Date: 1-20-96

Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address)

Unit: 02

3. Work Performed By: Commonwealth Edison Company (Name)
R.R. #1, Morris, IL, 60450 (Address)

WR.#D28595/9400975 89
Repair Organization P.O. No., Job No. etc.
Plan 2-95-033

4. Identification of System: 3000

5. (a) Construction Code USAS B31.1, 1967 Edition, na Addenda, Code Cases na

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, na Addenda, Code Cases na

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 2-3019B-59	PACIFIC SCIENTIFIC	7412	N/A	PSA-10	N/A	REPLACED	NO
SNUBBER 2-3019B-59	PACIFICSCIENTIFIC	17636	N/A	PSA-10	N/A	REPLACEMENT	NO

7. Description of work: REPLACE EXISTING SNUBBER WITH A NEW SNUBBER SI # 504 B86

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

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: SI # 504 B86. Snubber replaced under new snubber preventative maintenance program, no problems were found.

Certificate of Compliance

We certify that the statements made in this report are correct and this Replacement (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 1-23 (Date), 1996

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 HSB I&I CO of HARTFORD, CT having inspected the Replacement (Repair or Replacement) described in this report on 1-24-, 1996 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: 1-24-96 Inspector: Robert Rainey Commissions: IL 932 NB 7742 NIS B
(State or Province, National Board)

9400975 89-01

Doc. #14

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) Date: 3-29-96
One First National Plaza, Chicago IL, 60690 (Address)

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# 940094595 PLAN 2-95-036
Repair Organization P.O. No., Job No, etc.

SAME AS ABOVE (Address)

4. Identification of System: 1500 CCSW/PLCI

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	YrB lt	Repair, Replaced or Replacement	Code Stamped Yes/No
2" PLUG VALVE (FOUR WAY VALVE)	XOMOX TUFLINE	NONE	N/A	2-1599-80B	N/A	REPLACED	NO
2" PLUG VALVE (FOUR WAY VALVE)	XOMOX TUFLINE	HEAT # GKRI	N/A	SI #796H67	N/A	REPLACEMENT	NO

7. Description of work: Valve was difficult to operate (stem binding) and was replaced with a new assembly.

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

Test Pressure 165 psig Test Temperature AMBIENT °F

9. Remarks: Valve is manually operated four way valve four CCSW Vault Room coolers.

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) 3-29 (Date), 1996

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, Connectictu having inspected the REPLACEMENT described in this report on 4-1, 1996 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: 4-1-96 Inspector: Kurt T Phinney 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

CATEGORY 3

1. Owner: Commonwealth Edison Company (Name) CATEGORY 3 Date: 03/23/95
One First National Plaza, Chicago IL, 60690 (Address)
Sheet: 1 Of 1

2. Plant: Dresden Nuclear Power Station (Name)
R.R. #1, Morris IL., 60450 (Address) Unit: 2

3. Work Performed By: SAME AS ABOVE (Name) 940093913-01 PLAN 2-95-038
Repair Organization P.O. No., Job No. etc.
SAME AS ABOVE (Address)

4. Identification of System: 1500

5. (a) Construction Code B31.1.0, 1967 Edition, NONE Addenda, Code Cases NONE

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NONE 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
CHECK VALVE 10" 300 LB.	C & S VALVE CO.	N/A	N/A	N/A	N/A	REPLACED	NO
CHECK VALVE 10" 300 LB.	GULF VALVE CO.	28198-1-1	N/A	model MB-3D	N/A	REPLACEMENT	NO

7. Description of work: replaced check valve

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]
Test Pressure 190 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 (Repair or Replacement) Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI Coordinator (Title) 12-5 (Date), 1995

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 HSB I&I CO of HARTFORD CT having inspected the Replacement (Repair or Replacement) described in this report on 12-6-, 1995 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: 12-6-95 Inspector: Robert J Parker Commissions: IC932 NB7742 NILSB (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) Date: 5-7-96
One First National Plaza, Chicago IL, 60690 (Address)
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: Bechtel Construction (Name) WR 940095125 Plan 2-95-056
Repair Organization P.O. No., Job No. etc.
Gaithersberg, MD 20877 (Address)

4. Identification of System: 1300 ISOLATION CONDENSER

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 ~~N498-1~~ N416-1
BJC

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
A182 Grade F304L 12" Weld-o-let	Unknown	Heat AAMV	N/A	SI #815A28	N/A	REPLACEMENT	NO
A182 Grade F304L 1500# Weld Neck flange	Unknown	None	N/A	SI #815B28	N/A	REPLACEMENT	NO
A193 Grade B7 Bolts (1¼" X 7")	Unknown	None	N/A	SI #768C97	N/A	REPLACEMENT	NO
A194 Grade 2H Nuts (1¼")	Unknown	None	N/A	SI #774F83	N/A	REPLACEMENT	NO

7. Description of work: Installed a decontamination tap onto Isolation Condenser line 2-1303-12"-A per Plant Change E12-2-95-209.

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

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: Installed decontamination tap with heat sink welding to address IGSCC concerns. New welds will be in inspection category A per Generic Letter 88-01.

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) 5-8 (Date), 1996

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, Connectictu having inspected the **REPLACEMENT** described in this report on 6-12, 1996 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: 6-12-96 Inspector: Robt. T. Kelsey Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

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

DAP 11-18
REVISION 06

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

Date: 11-09-95

Sheet: 1 Of 2

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

Unit: 02

3. Work Performed By: BECHTEL CONSTRUCTORS (Name)

GAITHERSBERG, MD 20877 (Address)

WR # D16505, MOD. # P12-2-94-208
Repair Organization P.O. No., Job No. etc.
Repair Plan 2-95-057

4. Identification of System: 2-1505, PEN X-116A

5. (a) Construction Code AISC 9TH ~~EDISION~~ EDITION BAC 1-25-96, _____ Edition, None Addenda, Code Cases None

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, None 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
3/4" THK. PLATE	Unknown	HEAT # K35970	N/A	SI # 781D43	N/A	REPLACEMENT	NO
1" THK. PLATE	Unknown	HEAT # 42331	N/A	SI # 770F00	N/A	REPLACEMENT	NO
~~3/4" MAX-BOLTS~~				~~SI # 792H03~~		~~REPLACEMENT~~	~~NO~~
~~1" HILTI BOLT~~				~~SI # 799C95~~		~~REPLACEMENT~~	~~NO~~
ANGLE, 4" X 3" X 1/2"	Unknown	HEAT # 64028	N/A	SI # 796G75	N/A	REPLACEMENT	NO
TUBE STEEL 4" X 4"	Unknown	HEAT # 851952	N/A	SI # 770G89	N/A	REPLACEMENT	NO

BAC 1-25-96

7. Description of work: MODIFIED FLUED HEAD ANCHOR X-116A IN ACCORDANCE WITH MOD. P12-2-94-208

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

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: Modified flued head support to assist in order to replace containment bellows assembly at penetration X-116A. Removed existing support and fabricated new support.

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) 1-25 (Date) 1996

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 Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 3-7, 1996 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: 3-7-96 Inspector: Robt T. Ramey Commissions: IL932, NB7742NISB
(State or Province, National Board)

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

Date: 11-09-95

Sheet: 2 Of 2

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

Unit: 02

3. Work Performed By: BECHTEL CONSTRUCTORS (Name)

GAITHERSBERG, MD 20877 (Address)

WR # D16505, MOD. # P12-2-94-208
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 2-1505, PEN X-116A

5. (a) Construction Code AISC 9TH ~~EDISION~~ EDITION, _____ Edition, None Addenda, Code Cases None
BGL 1-25-96

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, None 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
ANGLE 6" X 4" X 1/2"	Unknown	HEAT # A30047	N/A	SI # 764D91	N/A	REPLACEMENT	NO
ANGLE 2 1/2" X 2 1/2"	Unknown	HEAT # 5593I1627	N/A	SI # 786H67	N/A	REPLACEMENT	NO
PLATE 5/8" X 8"	Unknown	HEAT # K27789	N/A	SI # 780H58	N/A	REPLACEMENT	NO
PLATE 1/2" X 4"	Unknown	HEAT # 1-67927	N/A	SI # 769H84	N/A	REPLACEMENT	NO
PLATE 1/2" X 4"	Unknown	HEAT # 802W43990	N/A	SI # 802D61	N/A	REPLACEMENT	NO
Flued Head	Unknown	N/A	N/A	X-116A	Unknown	Replaced	NO
Anchor Support							
at Penetration							
X-116A							

CATEGORY 3

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

DAP 11-18
REVISION 06

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

Date: 11-10-95

Sheet: 1 Of 2

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

Unit: 02

3. Work Performed By: BECHTEL CONSTRUCTORS (Name)

GAITHERSBERG, MD 20877 (Address)

WR # D16506, MOD. # P12-2-94-209
Repair Organization P.O. No., Job No. etc.
Plan 2-95-058

4. Identification of System: 2-1300, PENE, X-108A

5. (a) Construction Code AISC 9TH EDISION EDITION, _____ Edition, None Addenda, Code Cases None
BJC 1-25-96

(b) Edition of Section XI used for Repair/Replacement 1989 Edition, None 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
TUBE STEEL 6" X 6"	Unknown	HEAT # B4232	N/A	SI # 771C65	N/A	REPLACEMENT	NO
TUBE STEEL 4" X 4"	Unknown	HEAT # 911468	N/A	SI # 789G88	N/A	REPLACEMENT	NO
PLATE 1 1/2"	Unknown	HEAT # 52605	N/A	SI # 770G00	N/A	REPLACEMENT	NO
PLATE 1 1/4"	Unknown	HEAT # 73660	N/A	SI # 784G82	N/A	REPLACEMENT	NO
PLATE 1"	Unknown	HEAT # 42331	N/A	SI # 770F00	N/A	REPLACEMENT	NO
PLATE 1/2"	Unknown	HEAT # 83454	N/A	SI # 780B59	N/A	REPLACEMENT	NO

7. Description of work: MODIFIED FLUED HEAD ANCHOR X-116A IN ACCORDANCE WITH MOD. P12-2-94-208

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

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: Modified existing flued head anchor support in order to install new bellows assembly.

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) 1-25 (Date) 1996

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 Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on 3-7, 1996 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: 3-7-96 Inspector: Robert T Rainey Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

FORM NIS-2 SUPPLEMENT

DAP 11-18
REVISION

06

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

Date: 11-09-95

Sheet: 2 Of 2

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

Unit: 02

3. Work Performed By: BECHTEL CONSTRUCTORS (Name)

GAITHERSBERG, MD 20877 (Address)

WR # D16506, MOD. # P12-2-94-209
Repair Organization P.O. No., Job No. etc.
Plan 2-95-058

4. Identification of System: 2-1300, PENE, X-108A

5. (a) Construction Code AISC 9TH ~~EDISION~~ EDITION, _____ Edition, None Addenda, Code Cases None
Rqt 1-25-96

(b)Edition of Section XI used for Repair/Replacement 1989 Edition, None 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
BAR-STOCK, FLAT 3/8"	Unknown	HEAT # 64190	N/A	SI # 801A11	N/A	REPLACEMENT	NO
ANGLE , 8" X6" X1"	Unknown	HEAT # 181N496	N/A	SI # 815B38	N/A	REPLACEMENT	NO
ANGLE, 4" X 3" X 1/2"	Unknown	HEAT # V53739	N/A	SI # 796G75	N/A	REPLACEMENT	NO
ANGLE, 3" X 2" X 1/2"	Unknown	HEAT # 533158	N/A	SI # 813F16	N/A	REPLACEMENT	NO
THROUGH BOLT 3/4"	Unknown	HEAT # 8876361	N/A	SI # 815D38	N/A	REPLACEMENT	NO
ALL THREADED ROD	Unknown	HEAT # 8862704	N/A	SI # 815C38	N/A	REPLACEMENT	NO
HEX NUT, 3/4"	Unknown	HEAT CODE V1X	N/A	SI # 796D01	N/A	REPLACEMENT	NO
HEX NUT, 1"	Unknown	HEAT CODE G1	N/A	SI# 796D05	N/A	REPLACEMENT	NO
PLATE 1/2"	Unknown	HEAT CODE 30238	N/A	SI # 779B98	N/A	REPLACEMENT	NO
Flued Head Anchor Support at Penetration X-108A	Unknown	N/A	N/A	X-108A	UNKNOWN	REPLACED	NO

CATEGORY 3

ATTACHMENT 1

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

DAP 11-18
REVISION 05

1. Owner: ComEd
One First National Plaza, Chicago IL.,60690

Date: 5-19-95

Sheet: 1 Of 1

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

Unit: 2

3. Work Performed By: SAME AS ABOVE (Name)

930055725 (PLAN 2-95-066)
Repair Organization P.O. No., Job No. etc.

SAME AS ABOVE (Address)

4. Identification of System: 1500 LPCI

5. (a) Construction Code USAS B31.1.0, 1967 Edition, NO Addenda, Code Cases NO
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NO

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 #2-1533A-2"-D	UNKNOWN	N/A	N/A	2" A106 Grade B Schdule 80	N/A	REPAIR	NO

7. Description of work: Remove minimum flow line pipe by cutting at socket weld to accommodate removal of 2A LPCI pump motor. After motor is reinstalled, reattach pipe with socket weld at original location.

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

Test Pressure 134 psig Test Temperature Ambient °F

9. Remarks: Rewelded existing pipe after motor was reinstalled

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) 3-11 (Date), 1996

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 Illinios, employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR** described in this report on 3-14, 1996 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: 3-14-96 Inspector: Kurt T Kleinz 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) Date: 3-9-96
One First National Plaza, Chicago IL, 60690 (Address)

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: BECHTEL CONSTRUCTORS (Name) 950018493 PLAN 2-95-087
Repair Organization P.O. No., Job No. etc.
GAITHERSBERG, MD 20877 (Address)

4. Identification of System: 0203 MAIN STEAM

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. Mdentification 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
MSIV 2-0203-1A SEAT RING	CRANE VALVE	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
MSIV 2-0203-1A GUIDE LINER	CRANE VALVE	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
MSIV 2-0203-1A BONNET STUDS (5)/NUTS (10)	UNKNOWN	UNKNOWN	N/A	A193 Gr.B7/A194 Gr.2H	N/A	REPLACED	NO
MSIV 2-0203-1A SEAT RING	CRANE-ALOYCO	C3932	N/A	SI #570D55	94	REPLACEMENT	NO
MSIV 2-0203-1A GUIDE LINER UPGRADE KIT	CRANE-ALOYCO	C4188	N/A	SI #812C89	N/A	REPLACEMENT	NO
MSIV 2-0203-1A BONNET STUDS (5)/NUTS (10)	UNKNOWN	HT #92397/ HT EAW	N/A	STUDS: SI #570C87 & 570C88 NUTS: SI #570C89	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing valve seat and guide liner with new seat ring and upgraded guide liner kit per Minor Plant Change E12-2-95-201. Studs and nuts were lost during disassembly and were replaced.

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

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

9. Remarks: Replaced existing seat ring and guide liner per Minor Plant Change E12-2-95-201 to improve seat tightness for local leak rate tests. Some of the original bolting was lost during disassembly and required replacement. There are two different length bonnet studs because of the configuration of the "Y" pattern globe valve and thus two different SI numbers for studs.

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) 3-9 (Date), 19 96

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 Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 2-13, 1996 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: 3-13-96 Inspector: Robert T Kairy 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) Date: 3-9-96
One First National Plaza, Chicago IL, 60690 (Address)

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: BECHTEL CONSTRUCTORS (Name) 920053324 PLAN 2-95-088
Repair Organization P.O. No., Job No. etc.
GAITHERSBERG, MD 20877 (Address)

4. Identification of System: 0203 MAIN STEAM

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. Mdentification 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
MSIV 2-0203-1A SEAT RING	CRANE VALVE	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
MSIV 2-0203-1A GUIDE LINER	CRANE VALVE	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
MSIV 2-0203-1A BONNET STUDS (2)/NUTS (6)	UNKNOWN	UNKNOWN	N/A	A193 Gr.B7/A194 Gr.2H	N/A	REPLACED	NO
MSIV 2-0203-1A SEAT RING	CRANE-ALOYCO	C4185	N/A	SI #570D55	94	REPLACEMENT	NO
MSIV 2-0203-1A GUIDE LINER UPGRADE KIT	CRANE-ALOYCO	C4186	N/A	SI #812C89	N/A	REPLACEMENT	NO
MSIV 2-0203-1A BONNET STUDS (2)/NUTS (6)	UNKNOWN	HT #92397/ HT EAW	N/A	STUDS: SI #570C87 NUTS: SI #570C89	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing valve seat and guide liner with new seat ring and upgraded guide liner kit per Minor Plant Change E12-2-95-202. Studs and nuts were either destroyed or lost during valve disassembly and were ~~repaired~~ replaced.

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

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

9. Remarks: Replaced existing seat ring and guide liner per Minor Plant Change E12-2-95-202 to improve seat tightness for local leak rate tests. Some of the original bolting was destroyed or lost during disassembly and required replacement.

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) 3-9 (Date), 1996

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 Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 3-13, 1996 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: 3-13-96 Inspector: Kathy T. Parry 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) Date: 3-9-96
One First National Plaza, Chicago IL, 60690 (Address)

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: BECHTEL CONSTRUCTORS (Name) 950018491 PLAN 2-95-089
Repair Organization P.O. No., Job No. etc.
GAITHERSBERG, MD 20877 (Address)

4. Identification of System: 0203 MAIN STEAM

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
MSIV 2-0203-1C SEAT RING	CRANE VALVE	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
MSIV 2-0203-1C GUIDE LINER	CRANE VALVE	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
MSIV 2-0203-1C SEAT RING	CRANE-ALOYCO	C4183	N/A	SI #570D55	94	REPLACEMENT	NO
MSIV 2-0203-1C GUIDE LINER UPGRADE KIT	CRANE-ALOYCO	C4187	N/A	SI #812C89	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing valve seat and guide liner with new seat ring and upgraded guide liner kit per Minor Plant Change E12-2-95-203.

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

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

9. Remarks: Replaced existing seat ring and guide liner per Minor Plant Change E12-2-95-203 to improve seat tightness for local leak rate tests.

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) 3-9 (Date), 1996

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 Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 3-13, 1996 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: 3-13-96 Inspector: [signature] 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) Date: 5-14-96
One First National Plaza, Chicago IL. 60690 (Address)
Sheet: 1 Of 1

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

3. Work Performed By: Same as Above (Name) WR 950053357 (PLAN 2-95-093)
Repair Organization P.O. No., Job No. etc.
Same as Above (Address)

4. Identification of System: 1500 LPCI

5. (a) Construction Code USAS B31.1.0, 1967 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
A193 Grade B7 Stud	UNKNOWN	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
A193 Grade B7 Stud	UNKNOWN	HT K7	N/A	SI #766G15	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing pipe clamp spacer bolt with longer bolt to achieve full nut engagement on bolt.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]
Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: Support M-3213-19.

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) 5-14 (Date), 1996

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, Connectictu having inspected the **REPLACEMENT** described in this report on 5-14, 1996 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: 5-14-96 Inspector: Curt T Kehm 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) Date: 5-8-96
One First National Plaza, Chicago IL, 60690 (Address)

Sheet: 1 Of 2

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

3. Work Performed By: Bechtel Construction (Name) WR 950059838 (PLAN 2-95-094)
Repair Organization P.O. No., Job No. etc.
Gaithersberg, MD 20877 (Address)

4. Identification of System: 0220 REACTOR VESSEL BOTTOM HEAD DRAIN LINE

5. (a) Construction Code USAS B31.1.0/ASME Section I, 19 67/65 Edition, NO/W66 Addenda, Code Cases NONE
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases ~~N498-1~~ N416-1
BJC 7-23-96

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
2" GATE VALVE	UNKNOWN	UNKNOWN	N/A	2-0220-65	N/A	REPLACED	NO
2" SOCKET WELD ELBOW	UNKNOWN	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
2" SOCKET WELD TEE	UNKNOWN	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
2" SCH. 80 STAINLESS PIPE	UNKNOWN	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
2" GATE VALVE	VOGT	EZ 514-1-2	N/A	SI #815F74	N/A	REPLACEMENT	NO

7. Description of work: Added a hydrolazing tap to support unplugging of reactor vessel bottom head drain line per Plant Change E12-2-95-219. Also removed spring can supports below vessel (inside of skirt) and modified existing supports outside of skirt. Removed and replaced 2-0220-65 valve which was leaking by.

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

Test Pressure 1040 psig Test Temperature 200 °F

9. Remarks: Modified piping to support effort to unplug reactor vessel bottom head drain line which had been plugged.

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) 5-8 (Date), 1996

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, Connectictu having inspected the **REPLACEMENT** described in this report on 6-17, 19 96 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: 6-17-96 Inspector: Scott T Peirce 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) Date: 5-8-96
One First National Plaza, Chicago IL, 60690 (Address) BQL 5-8-96
Sheet: 1 Of 21

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

3. Work Performed By: Bechtel Construction (Name) WR 950060661 (PLAN 2-95-095)
Repair Organization P.O. No., Job No. etc.
Gaithersberg, MD 20877 (Address)

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
GRINNELL FIGURE 82 SPRING CAN	GRINNELL	UNKNOWN	N/A	SUPPORT M1151D-276	N/A	REPLACED	NO
GRINNELL FIGURE 82 SPRING CAN	GRINNELL	UNKNOWN	N/A	SI #816F16	N/A	REPLACED	NO

7. Description of work: Replaced existing spring can because the threads were corroded and can could not be adjusted to cold load setting.

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 **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 5-8 (Date), 19 96

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, Connectictu having inspected the **REPLACEMENT** described in this report on 5-13, 1996 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: 5-13-96 Inspector: [signature] 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) Date: 5-29-96
One First National Plaza, Chicago IL, 60690 (Address)
Sheet: 1 Of 1

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

3. Work Performed By: Bechtel Constructors (Name) WR 920052186 (PLAN 2-95-099)
Repair Organization P.O. No., Job No. etc.
Gaithersberg, MD 20877 (Address)

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 ~~N498-1~~ N416-1 BJC 7-5-96

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" DIAMETER A106 Grade B PIPE	UNKNOWN	UNKNOWN	N/A	LINE 2-2310-4"-DX	N/A	REPLACED	NO
4" DIAMETER A106 Grade B PIPE	UNKNOWN	HEAT X46607	N/A	SI #794H76	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing pipe (which had worn at Support M-1151D-63) with new pipe per CHRON #0115561. Support was repaired per Repair/Replacement Plan 2-93-054.

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

Test Pressure * psig Test Temperature Ambient °F

9. Remarks: Support was replaced per Repair/Replacement Plan 2-93-054. Piping was given VT-2 examination during operational surveillance DOS 2300-03.
* Reactor pressure at 920 psig, HPCI Pump discharge pressure at 1210 psig.

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) 5-29 (Date), 19 96

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, Connectictu having inspected the **REPLACEMENT** described in this report on 7-1, 19 96 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: 7-1-96 Inspector: Robert T Lariviere 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) Date: 3/22/96
One First National Plaza, Chicago IL, 60690 (Address)
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: BECHTEL CONSTRUCTORS (Name) WR 930052862 PLAN 2-95-100
Repair Organization P.O. No., Job No. etc.
GAITHERSBURG, MD (Address)
4. Identification of System: 1500 LPCI
5. (a) Construction Code USAS B 31.1.0, 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
2" 300# CHECK VALVE	HANCOCK	N/A	N/A	MODEL 5540W-1	N/A	REPLACED	NO
2" 300# CHECK VALVE	HANCOCK	N/A	N/A	MODEL 5540W-2 SI #808C37	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing check valve (leaked by) with new assembly per CHRON #0310974.
8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]
Test Pressure 163 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) 3-22 (Date), 1996

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, Connectictu having inspected the **REPLACEMENT** described in this report on 3-25, 1996 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: 3-25-96 Inspector: [signature] 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) Date: 3-30-96
One First National Plaza, Chicago IL, 60690 (Address)
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: Bechtel Constructors (Name) WR #920051982 PLAN 2-95-103
Repair Organization P.O. No., Job No. etc.
Gaithersburg, MD (Address)

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 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
HEAVY HEX NUT	UNKNOWN	NONE	N/A	NONE	N/A	REPLACED	NO
HEAVY HEX NUT	UNKNOWN	NONE	N/A	SI #763F85	N/A	REPLACEMENT	NO

7. Description of work: Replaced bonnet stud that was destroyed during valve disassembly to perform internal inspection.

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

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

9. Remarks: Valve was looked at during system hydro, no leakage detected.

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) 3-30 (Date), 19 96

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, Connectictu having inspected the **REPLACEMENT** described in this report on 4-1, 1996 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: 4-1-96 Inspector: Matt T Karnes 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) Date: 3-9-96
One First National Plaza, Chicago IL, 60690 (Address)
Sheet: 1 Of 1

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

3. Work Performed By: BECHTEL CONSTRUCTORS (Name) 950018492 PLAN 2-95-109
Repair Organization P.O. No., Job No. etc.
GAITHERSBURG, MD 20877 (Address)

4. Identification of System: 0203 MAIN STEAM

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
MAIN STEAM ISOLATION VALVE GUIDE LINER ASSEMBLY	CRANE VALVE	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
MAIN STEAM ISOLATION VALVE MAIN SEAT	CRANE VALVE	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
MAIN STEAM ISOLATION VALVE GUIDE LINER ASSEMBLY UPGRADE	CRANE-ALOYCO	B2894	N/A	SI #812C89	N/A	REPLACEMENT	NO
MAIN STEAM ISOLATION VALVE MAIN SEAT	CRANE-ALOYCO	C3931	N/A	SI #570D55	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing guide liner and seat ring with new per Minor Plant Change E12-2-95-207 in order to improve valve seat tightness for local leak rate testing.

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

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

9. Remarks: Replaced existing guide liner with upgraded assembly per E12-2-95-207.

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) 3-9 (Date), 1996

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, Connectictu having inspected the **REPLACEMENT** described in this report on 3-13, 19 96 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: 3-13-96 Inspector: Robert T Parnell 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) Date: 7-5-96
One First National Plaza, Chicago IL, 60690 (Address)
Sheet: 1 Of 1

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

3. Work Performed By: Same as Above (Name) WR 940094579 (PLAN 2-95-110)
Repair Organization P.O. No., Job No. etc.
Same as Above (Address)

4. Identification of System: 1400 Core Spray

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
2" Relief Valve	Dresser Industries	Unknown	N/A	2-1402-28B	N/A	REPLACED	NO
2" Relief Valve	Dresser Industries	TK48539	N/A	SI #815F97	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing relief valve assembly that lifted at too low a pressure during surveillance testing ~~nubbers~~ BJC 7-8-96

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]
Test Pressure 258 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) 7-5 (Date), 1996

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, Connecticu having inspected the **REPLACEMENT** described in this report on 7-8, 1996 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: 7-8-96 Inspector: Kurt T Lamey 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) Date: 5-29-96
One First National Plaza, Chicago IL, 60690 (Address)
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: Bechtel Constructors (Name) WR 930051212 (PLAN 2-95-111)
Repair Organization P.O. No., Job No. etc.
Gaithersberg, MD 20877 (Address)
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
FLANGE STUDS (⅞" -11 X 4½")	UNKNOWN	UNKNOWN	N/A	2-2301-53	N/A	REPLACED	NO
FLANGE STUD NUTS (⅞"-11)	UNKNOWN	UNKNOWN	N/A	2-2301-53	N/A	REPLACED	NO
FLANGE STUDS (¾"-10 X 4½")	UNKNOWN	UNKNOWN	N/A	2-2301-53	N/A	REPLACED	NO
FLANGE STUD NUTS (¾"-10)	UNKNOWN	UNKNOWN	N/A	2-2301-53	N/A	REPLACED	NO
FLANGE STUDS (⅞" -11 X 4½")	UNKNOWN	UNKNOWN	N/A	SI #762G23	N/A	REPLACEMENT	NO
FLANGE STUD NUTS (⅞" -11)	UNKNOWN	UNKNOWN	N/A	SI #796C99	N/A	REPLACEMENT	NO
FLANGE STUDS (¾"-10 X 4½")	UNKNOWN	UNKNOWN	N/A	SI #762G23	N/A	REPLACEMENT	NO
FLANGE STUD NUTS (¾"-10)	UNKNOWN	UNKNOWN	N/A	SI #796D01	N/A	REPLACEMENT	NO

7. Description of work: Replaced inlet and discharge flange bolting which was lost during valve disassembly.
8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]
Test Pressure _____ psig Test Temperature _____ °F
9. Remarks: Piping was given a VT-2 examination during operational HPCI surveillance DOS 2300-03.

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) 5-29 (Date), 1996

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, Connectictu having inspected the **REPLACEMENT** described in this report on 1-3, 1996 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: 1-8-96 Inspector: Russell Chinn 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) Date: 3/23/96
One First National Plaza, Chicago IL, 60690 (Address)

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 #950075121 PLAN 2-95-112
Repair Organization P.O. No., Job No. etc.
SAME AS ABOVE (Address)

4. Identification of System: 0300 REACTOR HEAD SPRAY

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
½" DIAMETER THREADED ROD	UNKNOWN	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
½" DIAMETER THREADED ROD	UNKNOWN	HEAT # 61369	N/A	SI #791D50	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing spring can rod which was bent with new rod.

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

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

9. Remarks: Support M1167D-261.

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) 3-23 (Date), 1996

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, Connecticu having inspected the **REPLACEMENT** described in this report on 4-3-96, 19___ 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: 4-3-96 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) Date: 3-30-96
One First National Plaza, Chicago IL, 60690 (Address)
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 #950106551 PLAN 2-95-114
Repair Organization P.O. No., Job No. etc.
Same as above (Address)

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 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
LINE 2-1533A-2"-D SOCKET WELD	N/A	N/A	N/A	NONE	N/A	REPLACED	NO
⅝"-11 HEX NUTS	UNKNOWN	NONE	N/A	NONE	N/A	REPLACED	NO
⅝"-11 FLANGE BOLTS	UNKNOWN	NONE	N/A	NONE	N/A	REPLACED	NO
LINE 2-1533A-2"-D SOCKET WELD	N/A	NONE	N/A	NONE	N/A	REPLACEMENT	NO
⅝"-11 HEX NUTS	UNKNOWN	HEAT TRACE 40052	N/A	SI #500E32	N/A	REPLACEMENT	NO
⅝"-11 FLANGE BOLTS	UNKNOWN	N/A	N/A	SI #796C99	N/A	REPLACEMENT	NO

7. Description of work: Cut socket weld on LPCI pump minimum flow line that was hindering 2A Core Spray Pump motor removal for planned maintenance. Replaced bolting at orifice flange because some nuts were seized onto bolts.

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

Test Pressure 156 psig Test Temperature AMBIENT °F

9. Remarks: Cut existing socket weld and disconnected flange in order to remove 2A Core Spray Pump motor for maintenance.

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) 3-30 (Date), 1996

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, Connecticu having inspected the **REPLACEMENT** described in this report on 4-1, 1996 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: 4-1-96 Inspector: Kurt T Kaiser 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) Date: 5-6-96
One First National Plaza, Chicago IL, 60690 (Address)
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) PLAN 2-95-115 WR 940093989
Repair Organization P.O. No., Job No. etc.
SAME AS ABOVE (Address)

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
1 5/8" STUD NUTS	UNKNOWN	N/A	N/A	2-0203-3C17 R#8 5/11/96	N/A	REPLACED	NO
1 5/8" STUD NUTS	DRESSER INDUSTRIES	N/A	N/A	SI #790H78	N/A	REPLACEMENT	NO

7. Description of work: Five stud hex nuts with wrong wrench size were replaced for consistency.

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

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

9. Remarks: Replaced stud nuts which were wrong wrench size with correct size nuts. Joint was examined for leaks during system hydro, no leakage 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) 5-6 (Date), 19 96

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, Connectictu having inspected the **REPLACEMENT** described in this report on 5-13-, 1996 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: 5-13-96 Inspector: Kurt Haines 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) Date: 5-9-96
One First National Plaza, Chicago IL, 60690 (Address)
Sheet: 1 Of 2

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

3. Work Performed By: Bechtel Construction (Name) WR 940094047 (PLAN 2-95-116)
Repair Organization P.O. No., Job No. etc.
Gaithersberg, MD 20877 (Address)

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 19 89 Edition, NO Addenda, Code Cases ~~NONE~~ ~~N498-1~~ BJC 5-29-96 N416-1

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
1⅛"-8 A193 Grade B7 STUDS	UNKNOWN	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
1⅛" A194 Grade 2H HEX NUTS	UNKNOWN	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
1"-8 A193 Grade B7 STUDS	UNKNOWN	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
1"-8 A194 Grade 2H HEX NUTS	UNKNOWN	UNKNOWN	N/A	NONE	N/A	REPLACED	NO
1⅛"-8 A193 Grade B7 STUDS	UNKNOWN	HT 8860543	N/A	SI #796D83	N/A	REPLACEMENT	NO
1⅛" A194 Grade 2H HEX NUTS	UNKNOWN	NONE	N/A	SI #763C85	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing flange studs and nuts at HPCI booster pump and Line 2-2304-14"-C that was worn and/or corroded. Pipe flanges were disconnected to assist with coupling alignment of pump.

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

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: Piping was inspected during HPCI run, no leaks were found at bolted connections.

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) 5-29 (Date), 19 96

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, Connectictu having inspected the **REPLACEMENT** described in this report on 6-20, 1996 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: 6-20-96 Inspector: Robert T. Lainer 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) Date: 5-9-96
One First National Plaza, Chicago IL, 60690 (Address)
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: Bechtel Construction (Name) WR 940097593 (PLAN 2-95-118)
Repair Organization P.O. No., Job No. etc.
Gaithersberg, MD 20877 (Address)

4. Identification of System: 0203/3000 Main Steam

5. (a) Construction Code USAS B31.1.0, 1967 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 (PSA-35)	Pacific Scientific	790	N/A	2-0203-3A-32	N/A	Replaced	NO
Snubber (PSA-35)	Pacific Scientific	5013	N/A	SI #502F88	N/A	Replacement	NO

7. Description of work: Replaced existing PSA-35 snubber as part of snubber preventative maintenance rotation. Existing snubber passed stroke test, will be rebuilt and returned to Stores as spare stock.

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 **REPLACEMENT** Conforms to Section XI of the ASME Code.

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 5-9 (Date), 1996

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, Connectictu having inspected the **REPLACEMENT** described in this report on 5-13, 19 96 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: 5-13-96 Inspector: Rust T Kaney Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

ATTACHMENT 1

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

DAP 11-18
REVISION 06

1. Owner: ComEd
One First National Plaza, Chicago IL, 60690

Date: 1-23-96

Sheet: 1 Of 1

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

Unit: 2

3. Work Performed By: SAME AS ABOVE (Name)

950096408 Plan 2-95-120
Repair Organization P.O. No., Job No. etc.

SAME AS ABOVE (Address)

4. Identification of System: 1400 Core Spray

5. (a) Construction Code USAS B31.1.0, 1967 Edition, NO Addenda, Code Cases NO
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NO

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
1/2" Diameter Studs	Unknown	Unknown	N/A	A-193 Grade B7	N/A	Replaced	No
1/2" Hex Nuts	Unknown	Unknown	N/A	A-194 Grande 2H	N/A	Replaced	No
3/4" Diameter Studs	Unknown	Unknown	N/A	A-193 Grade B7	N/A	Replacement	No
3/4" Hex Nuts	Unknown	Unknown	N/A	A-194 Grande 2H	N/A	Replacement	No

7. Description of work: Replaced wrong sized bolting material on pump minimum flow line.

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

Test Pressure 240 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 ISI Coordinator 2-9, 1996
(Owner or Owner's Designee) (Title) (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 Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 1-9, 1996 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: 1-9-96 Inspector: Robert T. Lewis 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) Date: 5-29-96
One First National Plaza, Chicago IL, 60690 (Address)
Sheet: 1 Of 1
2. Plant: Dresden Nuclear Power Station (Name) Unit: 2
6500 North Dresden Road, Morris IL., 60450 (Address)
3. Work Performed By: Bechtel Constructors (Name) WR 950042171 (PLAN 2-96-002)
Repair Organization P.O. No., Job No. etc.
Gaithersberg, MD 20877 (Address)
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
2 16" 150# SLIP ON FLANGES	UNKNOWN	UNKNOWN	N/A	Line 2-2302-16"-LX	N/A	REPLACED	NO
A106 Grade B PIPE	UNKNOWN	UNKNOWN	N/A	Line 2-2302-16"-LX	N/A	REPLACED	NO
2 16" 150# SLIP ON FLANGES	UNKNOWN	HEAT KZD5	N/A	SI #800F42	N/A	REPLACEMENT	NO
A106 Grade B PIPE	UNKNOWN	HEAT B08957	N/A	SI #551A44	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing pipe and flanges in order to reduce pipe strain and assist in HPCI Booster pump coupling alignment as directed in CHRON #313880.
8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]
Test Pressure 21 psig Test Temperature Ambient °F
9. Remarks: Piping was given a VT-2 examination during operational HPCI surveillance DOS 2300-03.

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) 5-29 (Date), 1996

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, Connectictu having inspected the **REPLACEMENT** described in this report on 7-1-96, 19 ___ 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: 7-1-96 Inspector: Robert T. Carney 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) Date: 5-9-96
One First National Plaza, Chicago IL, 60690 (Address)
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: Bechtel Construction (Name) WR 940094047 (PLAN 2-96-003)
Repair Organization P.O. No., Job No. etc.
Gaithersberg, MD 20877 (Address)

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
SUPPORT M-1151D-281	N/A	N/A	N/A	M-1151D-281	N/A	REPAIRED	NO
SUPPORT M-1151D-282	N/A	N/A	N/A	M-1151D-282	N/A	REPAIRED	NO
SUPPORT M-1151D-283	N/A	N/A	N/A	M-1151D-283	N/A	REPAIRED	NO

7. Description of work: Modified piping supports on Line 2-2304-14" to assist in performing pump alignment. Modification performed per CHRON #313414.

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

Test Pressure _____ psig Test Temperature _____ °F

9. Remarks: Modification consisted of trimming angle iron clips and shortening stanchion.

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) 5-9 (Date), 19 96

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, Connectictu having inspected the **REPAIR** described in this report on 6-20-96 19 ___ 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: 6-20-96 Inspector: Kurt T Kairy Commissions: IL932, NB7742NISB
(State or Province, National Board)

CATEGORY 3

ATTACHMENT 1

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

DAP 11-18
REVISION 06

1. Owner: ComEd
One First National Plaza, Chicago IL, 60690

Date: 2-23-96

Sheet: 1 Of 1

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

Unit: 2

3. Work Performed By: SAME AS ABOVE (Name)

950104775 PLAN 2-96-007
Repair Organization P.O. No., Job No. etc.

SAME AS ABOVE (Address)

4. Identification of System: 0202 REACTOR RECIRCULATION

5. (a) Construction Code USAS B31.1.0, 1967 Edition, NO Addenda, Code Cases NO
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NO

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
24 BONNET STUDS	UNKNOWN	N/A	N/A	VALVE 2-0202-5A	N/A	REPLACED	NO
48 BONNET NUTS	UNKNOWN	N/A	N/A	VALVE 2-0202-5A	N/A	REPLACED	NO
24 BONNET STUDS	UNKNOWN	N/A	N/A	SI #507F13	N/A	REPLACEMENT	NO
48 BONNET NUTS	UNKNOWN	N/A	N/A	SI #764F55	N/A	REPLACEMENT	NO

7. Description of work: Replaced existing bolting in lieu of reconditioning exsisting bolting for ALARA considerations. Valve bonnet was found to be leaking during maintenance of valve.

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

Test Pressure 1040 psig Test Temperature 200 °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) 2-23 (Date), 1996

Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Illinois, employed by The Hartford Steam Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 3-25, 1996 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: 3-25-96 Inspector: Robert J. Bevier Commissions: IL932, NB7742NISB
(State or Province, National Board)