October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

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

Table of Contents

Introduction					1
For	m NIS-1	Owners Report fo	or Inservice Inspe	ctions	
Scope of Ins	spection				11
Abs	tract of Ex	caminations			•
Tab	le A ISI	and Augmented E	Examinations		
Tab	le B Exp	pansions			
Tab	le C Re	inspections			
Tab	le D Ba	seline Examination	ns		
Atta	chment A	Summary of Ve	essel Interior Exar	ninations	
Abstract of 0	Corrective	Measures			Ш
Abbreviation	ns				IV
Repairs and	Replacem	nents Since the Pr	eceding Summar	y Report	V
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Engineering Programs Supervisor

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection ... Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section I

Introduction

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

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

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

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

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

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

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

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner:

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

2. Plant:

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

3. Plant Unit: Two

4. Owner Certificate of Authorization: N/A

5. Commercial Service Date: 6/9/72

6. National Board Number of Unit: N-137

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

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

FORM NIS-1 (Back)

8. Examination Dates:	7/16/1998 to 1/11/2000
9. Inspection Period Identification:	Second Inspection Period - From 1/20/1996 to 10/1/1999 except Categories
	C-B and C-C where period ends on 1/19/2001
10. Inspection Interval Identification:	Third Inspection Interval - From 3/1/92 to 2/28/02
11. Applicable Edition of Section XI	1989 Edition with No Addenda and 1992 Edition with 1992 Addenda
12. Date/Revision of Inspection Plan:	10/17/94 - Revision 4
13. Abstract of Examinations and Tests. Include a list of work required for the Inspection Plan. See Report Sections II and	of examinations and tests and a statement concerning status
14. Abstract of Results of Examinations and Tests. See Report Sections II and	i III
15. Abstract of Corrective Measures. See Report Sections III an	d V
We certify that a) the statements made in this report as required by the ASME Code, Section XI, and c) considered Section XI. Certificate of Authorization No. (if applicable):	nre correct, b) the examinations and tests meet the Inspection Plan brective measures taken conform to the rules of the ASME Code, N/A Expiration Date:N/A
Date: -17 2000 Signed For:	Commonwealth Edison Company
By: Brendan J. Casey	Dresden Station Inservice Inspection Coordinator
CERTIFICA	TE OF INSERVICE INSPECTION
Vessel Inspectors and the State or Province of inspected the components described in this Ow	valid commission issued by the National Board of Boiler and Pressure Illinois and employed by HSBI & I Co. of Hartford, Connecticut have mer's Report during the period from 7/16/98 to 1/11/00, and state that to r has performed examinations and taken corrective measures described requirements of ASME Code, Section XI.
implied, concerning the examinations and corre	ther the inspector nor his employer makes any warranty, expressed or ective measures described in the Owner's Report. Furthermore, neither any manner for any personal injury or property damage or loss of any etion. Late T. Lawy Inspector's Signature
Commissions: <u>NB7742NISB, IL932</u>	Date: 1-20-20 00
National Board, State, Provin	ce, and Endorsements

October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section II Scope of Inspection

Abstract of Examinations

ISI and Augmented Examinations

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

Snubber Examinations (Technical Specification 3/4.8.F)

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

Summary of Vessel Interior Examinations

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

Current Interval Status

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

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section II Scope of Inspection

Category	Item	Augment	System	Line	Component	Туре	Exam	Credi	t Results
- 0.00 mg/mg/mg/mg/2007/198	54 (10) 10 (10) (10) (10) (10) (10) (10) (10)	**************************************	24. 30T 15 70T 15 1			**************************************	otografia i kanada (h. 1911). Tarihi	Ciedi	t Results
·BD	B3.100	N/A	RPV	RPV LWR HD	N12-1	NIR	VT-2	ΧI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N1B-1	NIR	UT	ΧI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N20B-1	NIR	UT	ΧI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N2G-1	NIR	UT	ΧI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N2H-1	NIR	UT	ΧI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N2J-1	NIR	UT	ΧI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N2K-1	NIR	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N1B-2	RPV-NOZ	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N20B-2	RPV-NOZ	UT	IX	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N2G-2	NOZ-RPV	UT	ΧI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N2H-2	NOZ-RPV	UT	ΧI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N2J-2	NOZ-RPV	UT	ΧI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N2K-2	NOZ-RPV	UT	ΧI	Acceptable
BE	B4.11	N/A	RPV	RPV LWR HD	N7-2	RPV-NOZ	VT-2	XI	Acceptable
BE	84.11	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	ΧI	Acceptable
BE	B4.11	N/A	RPV	RPV SHELL	N16A-2	RPV-NOZ	VT-2	ΧI	Acceptable
BE	B4.11	N/A	RPV	RPV SHELL	N16B-2	RPV-NOZ	VT-2	ΧI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	A11-0243-1	RPV-NOZ	VT-2	ΧI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	A5-0219-1	RPV-NOZ	VT-2	ΧI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	CRD NOZ (177)	RPV-NOZ	VT-2	ΧI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	E1-1803-1	RPV-NOZ	VT-2	ΧI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	E15-1859-1	RPV-NOZ	VT-2	ΧI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	L1-4203-1	RPV-NOZ	VT-2	ΧI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	L15-4259-1	RPV-NOZ	VT-2	ΧI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	R11-5843-1	RPV-NOZ	VT-2	ΧI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	R5-5819-1	RPV-NOZ	VT-2	ΧI	Acceptable
BE	B4.13	N/A	RPV	RPV LWR HD	INSTR NOZ (71)	RPV-NOZ	VT-2	ΧI	Acceptable
BF	B5.10	GL88-01 D	JPIA	JPIA	N20A-3	NOZ-SE	UΤ	88	Acceptable
BF	B5.10	GL88-01 C	JPIB	JPIB	N20B-3	NOZ-SE	PT	XI	Acceptable
							UT	XI88	
BF	B5.10	GL88-01 D	RHS	0304-6	N18A-3	SE-NOZ	PT	XI	Acceptable
							UT	X188	
BF	B5.10	GL88-01 D	RRAD	0201K-12	N2C-3	SE-NOZ	UT	88	Acceptable
BF	B5.10	GL88-01 D	RRBD	0201C-12	N2F-3	SE-NOZ	UT	88	Acceptable

October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section II Scope of Inspection

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Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BF	B5.10	GL88-01 D	RRBD	0201E-12	N2H-3	SE-NOZ	PΤ	ΧI	Acceptable
					•		UT	XI88	
BF	B5.10	GL88-01 C	RRBD	0201F-12	N2J-3	SE-NOZ	PT	XI	Acceptable
							UT	X188	
BF	B5.10	GL88-01 C	RRBD	0201G-12	N2K-3	SE-NOZ	PT	ΧI	Acceptable
סר	DC 40	C! 00 04 D	2220	20000 00	N/15 0		UT 	XI88	
BF	B5.10	GL88-01 D	RRBS	0202B-28	N1B-3	NOZ-SE	PT	XI	Acceptable
BF	B5.130	GL88-01 D	RHV	0215-4	4-1	ELC D	UT PT	XI88	A t l t
OI.	55.150	GL00-01 D	NITV	0215-4	4-1	FLG-P	UT	XI XI88	Acceptable
							O1	V100	
BG1	B6.20	N/A	RPV	RPV UPP HD	HD STUDS IN PLC (92)	FLGBLT	UΤ	OR	Acceptable
					· · · · · · · · · · · · · · · · · · ·		•	• • • • • • • • • • • • • • • • • • • •	, 1000p10010
BG2	B7.50	N/A	ISCOCR	1303-4	12-14-FLG	FLGBLT	VT-1	ΧI	Acceptable
BG2	B7.50	N/A	RHS	0304-2.5	2-205-27-FLG	FLGBLT	VT-1	ΧI	Acceptable
BG2	B7.50	N/A	RHS	0304-6	HS2.5-1-FLG	FLGBLT	VT-1	ΧI	Acceptable
BG2	B7.50	N/A	RHSP	RH SPARE	6B-1-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RRAD	0203A-3	SPM-45-27-FLG	FLGBLT	VT-1	IX	Acceptable
BG2	B7.50	N/A	RRBD	0203B-3	SPM-45-27-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RRBS	0202B-28	3-2-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RVBD	0207-2	2-20-FLG	FLGBLT	VT-1	ΧI	Acceptable
BG2	B7.80	N/A	RPV	RPV LWR HD	CRD BLT/STD/NUT	FLGBLT	VT-1		Acceptable
BJ	B9.11	GL88-01 C	ISCOCR	1303-12	12-10	VLV-EL	PT	XI	Acceptable
BJ	B9.11	GL88-01 C	ISCOCR	1303-12	40.70	0.0	UT	XI88	
BJ	B9.11	GL88-01 C	ISCOCR	1303-12	12-7B 12-8	P-P P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	ISCOCR	1303-12	12-9	P-EL P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 C		1303-12	12- 9 12-K1	EL-P	U T PT	88 XI	Acceptable
	50.11	0200 01 0	1000011	1300-12	12-11	CL-F	UT	X188	Acceptable
ВЈ	B9.11	GL88-01 C	ISCOCR	1303-12	12-K3	EL-P	UT	88	Acceptable
ВЈ	B9.11	GL88-01 C	ISCOCR	1303-12	12-K3A	P-P	UT	88	Acceptable
ВЈ	B9.11	GL88-01 D	ISCOSS	1302-14	14-2	P-VLV	UT	88	Acceptable
ВЈ	B9.11	GL88-01 D	ISCOSS	1302-14	14-5	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	ISCOSS	1302-14	14-5A	P-P	UT	88	Acceptable
ВЈ	B9.11	GL88-01 C	ISCOSS	1302-14	14-K1	SE-EL	PT	ΧI	Acceptable
							UT	X188	
Bj	B9.11	GL88-01 C	ISCOSS	1302-14	14-K2	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	ISCOSS	1302-14	14-K4	EL-P	UT	88	Acceptable

. Box 767, Chicago, IL 60690 Unit N Co sden Nuclear Power Station

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section II Scope of Inspection

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Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BJ	B9.11	GL88-01 D	JPIA	JPIA	N20A-4	SE-RED	PT	XI	Acceptable
							UT	X188	
BJ	B9.11	GL88-01 D	JPIA	JPIA	N20A-5	RED-RED	UT	88	Acceptable
BJ	B9.11	GL88-01 D	JPIA	JPIA	N20A-6	RED-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	JPIA	JPIA	N20A-7	P-CAP	UT	88	Acceptable
BJ	B9.11	GL88-01 C	JPIB	JPIB	N20B-4	SE-RED	UT	88	Acceptable
BJ	B9.11	GL88-01 C	JPIB	JPIB	N20B-5	RED-RED	UT	88	Acceptable
BJ	B9.11	GL88-01 C	JPIB	JPIB	N20B-6	RED-P	PT	ΧI	Acceptable
							UT	X188	
BJ	B9.11	GL88-01 C	JPIB	JPIB	N20B-7	P-CAP	UT	88	Acceptable
BJ	B9.11	GL88-01 D	LPCIAD	1506-16	16-10	EL-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIAD	1506-16	16-12	EL-P	PT	Χl	Acceptable
							UT	X188	
BJ	B9.11	GL88-01 D	LPCIAD	1506-16	16-K5	P-EL	ŲΤ	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIAD	1506-16	16-K8	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIAD	1506-16	16-K9	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIBD	1519-16	16-10	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 D	LPCIBD	1519-16	16-8	EL-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 D	LPCIBD	1519-16	16-9	VLV-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	LPCIBD	1519-16	16-K3A	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIBD	151 9- 16	16-K4	P-EL	PT	XI	Acceptable
							UT	X188	
BJ	B9.11	GL88-01 C	LPCIBD	1519-16	16-K5	EL-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIBD	1519-16	16-K6	EL-P	PT	ΧI	Acceptable
ъ.	50.44	01.00.04.0	1.00(00	4740.40			UT	X188	
BJ	B9.11	GL88-01 C	LPCIBD	1519-16	16-K7	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	LPCIBD	1519-16	16-K8	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RHS	0304-6	6A-1	FLG-SE	PT	XI	Acceptable
ВЈ	B9.11	GL88-01 D	RRAD	0201A-22	0000 64/10	V/LV D	UT	XI88	A
BJ	B9.11	GL88-01 D	RRAD	0201A-22 0201A-22	0202-6A/L3	VLV-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201A-22 0201A-22	L1/L2	CRO-P	UT	88	Acceptable
BJ	B9.11		RRAD		L2-D17	CRO-RED	UT	88	Acceptable
BJ		GL88-01 D		0201A-22	L2/202-6A	P-VLV	UT	88	Acceptable
	B9.11	GL88-01 D	RRAD	0201A-28	202-5A/PD1A	VLV-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 F	RRAD	0201A-28	PD1A-D14	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201A-28	PD1A-D15	P-TEE	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201A-28	PD1A/L2	TEE-CRO	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201A-28	PD1B/202-1A	PMP-P	UT	88	Acceptable

October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section II Scope of Inspection

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Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BJ	B9.11	GL88-01 D	RRAD	0201H-12	PD4/L1	SWP-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201J-12	PD5/L1	SWP-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201K-12	PD6/201-1	P-SE	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201K-12	PD6/L1	SWP-P	UT	88	Acceptable
₿J	B9.11	GL88-01 C	RRAD	0201M-12	PD19/201-1	P-SE	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAD	0201M-12	PD19/L2	SWP-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAS	0202A-28	202-4A/PS1A	VLV-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAS	0202A-28	PS1-2-D1	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRAS	0202A-28	PS1-2/201-1	SE-P	PT	XI	Acceptable
							UT	X188	
BJ	B9.11	GL88-01 D	RRAS	0202A-28	PS1-2A/202-4A	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRAS	0202A-28	PS1A/202-1A	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201B-22	L4/202-6B	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201B-22	L5-D6	CRO-RED	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201B-22	L5-D6A	CRO-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201B-22	L5/L4	CRO-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRBD	0201B-28	202-5B/PD1C	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201B-28	202-5B/PD1D	VLV-EL	UT	88	Acceptable
BJ	89.11	GL88-01 C	RRBD	0201B-28	PD1C/202-1B	PMP-P	PT	ΧI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 C	RRBD	0201B-28	PD1D-D11	EL-P	PT	ΧI	Acceptable
0.1	50.44	01 00 04 0	0000	20045 20			UT	X188	
BJ	B9.11	GL88-01 D	RRBD	0201B-28	PD1D/L5	TEE-CRO	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201C-12	PD7/201-1	P-SE	UT	88	Acceptable
BJ BJ	B9.11	GL88-01 D	RRBD	0201D-12	PD8/L4	SWP-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBD	0201E-12	PD9/201-1	P-SE	UT	88	Acceptable
	B9.11	GL88-01 D	RRBD	0201E-12	PD9/L4	SWP-P	UT	88	Acceptable
BJ BJ	B9.11 B9.11	GL88-01 C	RRBD RRBD	0201F-12	PD2/201-1	P-SE	UT	88	Acceptable
BJ BJ		GL88-01 D		0201F-12	PD2/L5	RED-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRBD	0201G-12	PD3/201-1	P-SE	UT	88	Acceptable
BJ	B9.11 B9.11	GL88-01 D	RRBD	0201G-12	PD3/L5	SWP-P	UT	88	Acceptable
		GL88-01 E	RRBS	0202B-28	202-1B-D4	EL-PMP	UT	88	Acceptable
BJ BJ	B9.11 B9.11	GL88-01 D	RRBS	0202B-28	202-4B/PS2A	VLV-P	UT	88	Acceptable
BJ	B9.11	GL88-01 C	RRBS	0202B-28	PS1/PS2-TEE	P-TEE	UT	88	Acceptable
DJ	D9.11	GL88-01 C	RRBS	0202B-28	PS2-D1	EL-P	PT	XI VIOO	Acceptable
BJ	B9.11	GL88-01 F	RRBS	0202B-28	PS2-TEE/202-4B	TECANA	UT	X188	Accontable
БJ	D3.11	GLOO-VIP	VVD9	UZUZD-Z0	194-155/4UZ-4B	TEE-VLV	UT	88	Acceptable

October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section II Scope of Inspection

					,				
Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BJ	B9.11	GL88-01 D	RRBS	0202B-28	PS2/201-1	SE-EL	PΤ	ΧI	Acceptable
							UT	X188	•
BJ	B9.11	GL88-01 D	RRBS	0202B-28	PS2A-D2	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RRBS	0202B-28	PS2A-D3	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 E	RRBS	0202B-28	PS2A/202-1B	P-EL	UT	88	Acceptable
BJ	B9.11	GL88-01 A	RWCU	1201-8	8-7-A	TEE-P	PT	ΧI	Acceptable
							UT	X188	
BJ	B9.11	GL88-01 A	RWCU	1202-8	8-5-A	TEE-EL	PT	ΧI	Acceptable
							UT	XI88	
BJ	B9.11	GL88-01 D	SDC	1001A-16	16-10(A)	P-VLV	UT	88	Acceptable
BJ	B9.11	GL88-01 D	SDC	1001A-16	16-11	TEE-P	UT	88	Acceptable
BJ	B9.11	N/A	SDC	1001A-16	16-K5	EL-P	MT	ΧI	Acceptable
0.1	DO 44	01.00.04.0	200	10015 10			UT	ΧI	
BJ	B9.11	GL88-01 D	SDC	1001B-16	16-10(A)	P-VLV	PT	XI	Acceptable
ВЈ	B9.11	N/A	SDC	1001B-16	16 104	0.5	UT	XI88	
50	D3.11	IN/A	300	10016-10	16-12A	P-EL	MT UT	XI XI	Acceptable
ВЈ	B9.11	GL88-01 D	SDC	1001B-16	16-9	EL-P	UT	88	Acceptable
BJ	B9.11	GL88-01 D	SDC	1001B-16	16-K6	EL-EL	UT	88	Acceptable
BJ	B9.31	GL88-01 D	RRAD	0201A-28	4X-1	P-SWP	UT	88	Acceptable
ВЈ	B9.31	GL88-01 D	RRAD	0201A-28	4X-2	TEE-SWP	PT	XI	Acceptable
				V-0	471 4	122-0111	UT	XI88	Acceptable
ВЈ	B9.31	GL88-01 D	RRBD	0201B-28	4X-3	P-SWP	UT	88	Acceptable
BJ	B9.31	GL88-01 D	RRBD	0201B-28	4X-4	P-SWP	UT	88	Acceptable
BJ	89.31	GL88-01 G	SDC	1001A-16	6-2	BPC	PT	ΧI	Acceptable
BJ	B9.32	N/A	RRAD	0202-6A-2	0202-6A/B15	BPC	PT	ΧI	Acceptable
BJ	B9.32	N/A	RWCU	1201-8	2-1(A)	P-SWP	PT	ΧI	Acceptable
BJ	B9.32	N/A	RWCU	1201-8	2-12(A)	SWP-P	PT	ΧI	Acceptable
BJ	B9.40	N/A	RRAD	0202-6A-2	0202-6A/B12	SWE-P	PT	ΧI	Acceptable
BJ	B9.40	N/A	RRAD	0202-6A-2	0202-6A/B4	SWE-P	PT	ΧI	Acceptable
BJ	B9.40	N/A	RRAD	0202-6A-2	0202-6A/B8	SWE-P	PT	ΧI	Acceptable
BJ	B9.40	N/A	RVBD	0207-2	2-10(A)	P-SWT	PT	ΧI	Acceptable
BJ	B9.40	N/A	RVBD	0207-2	2-11(A)	SWT-P	PT	ΧI	Acceptable
BJ	B9.40	N/A	RVBD	0207-2	2-13(A)	SWT-P	PT	XI	Acceptable
BJ	B9.40	N/A	RVBD	1265-2	2-1(A)	SWT-P	PT	ΧI	Acceptable
BJ	B9.40	N/A	SBLC	1102-1.5	SLC1.5-21	SWE-P	PT	XI	Acceptable
BJ	B9.40	N/A	SBLC	1102-1.5	SLC1.5-22	P-SWE	PT	ΧI	Acceptable

October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

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

Section II Scope of Inspection

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Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BM2	B12.50	N/A	SDC	1001B-16	MO-2-1001-1B	VLV	VT-3/4		Acceptable
BN1	B13.10	N/A	RPV	RPV SHELL	VESSEL INT	RPV	VT-3/4	XIOR	Acceptable
BN2	B13.20	N/A	RPV	RPV SHELL	IN-BELTLINE ATT	IWA	EVT-1	XIOR	Acceptable
BN2	B13.30	N/A	RPV	RPV SHELL	OUT-BELTLINE AT	IWA	EVT-1	XIOR	Acceptable
BN2	B13.40	N/A	RPV	RPV SHELL	CORE SUPPORT	IWA	EVT-1	XIOR	Acceptable
ВО	B14.10	N/A	RPV	RPV LWR HD	B4-0615-3	P-FLG	PT	ΧI	Acceptable
во	B14.10	N/A	RPV	RPV LWR HD	H1-3003-3	P-FLG	PT	ΧI	Acceptable
ВО	B14.10	N/A	RPV	RPV LWR HD	K15-3859-3	P-FLG	PT	XI	Acceptable
ВО	B14.10	N/A	RPV	RPV LWR HD	R8-5831-3	P-FLG	PT	ΧI	Acceptable
	514.10	14// (141 V	THE VENNERIES	110-3031-3	F-1 2.G	<i>-</i> 1	Λι	Acceptable
BP	B15.XX	N/A	RC	TEST BLOCK	2RC01	N/A	VT-2	XI	See Section III
BP	B15.XX	N/A	sc	TEST BLOCK	2SC01	N/A	VT-2	XI	Acceptable
									·
CA	C1.30	N/A	LPCIHX	HTEX 2B-1503	2-1503B-1	TBSHT-SHL	MT	XI	Acceptable
							VT-2	XI	
CB	C2.31	N/A	LPCIHX	1508-18	2-1503B-N3-1A	SDL-SHL	MT	ΧI	Acceptable
CB	C2.31	N/A	LPCIHX	1508-18	2-1503B-N3-1B	NOZ-SDL	MT	XI	Acceptable
CB	C2.33	N/A	ECCS	1501-20	20-11	NOZ-SHL	VT-2	ΧI	Acceptable
СВ	C2.33	N/A	ECCS	1501-20	20-5	NOZ-SHL	VT-2	ΧI	Acceptable
СВ	C2.33	N/A	ECCS	1501-20	20-7	NOZ-SHL	VT-2	ΧI	Acceptable
СВ	C2.33	N/A	ECCS	1501-20	20-9	NOZ-SHL	VT-2	ΧI	Acceptable
СВ	C2.33	N/A	LPCIHX	1508-18	2-1503B-N3-1	NOZ-SHL	VT-2	" XI	Acceptable
							VT-2	ΧI	Acceptable
CB	C2.33	N/A	LPCIHX	1508-18	2-1503B-N3-1	NOZ-SHL	VT-2	ΧI	Acceptable
							VT-2	ΧI	Acceptable
СВ	C2.33	N/A	LPCIHX	1509-18	2-1503B-N4-1	SHL-NOZ	VT-2	ΧI	Acceptable
CC	C3.20	N/A	CRDSD	0318A-20	M-1152D-1201	IWA	мт	XI	Acceptable
CC	C3.20	N/A	CSBD	1404-12	M-3209-20	IWA	MT	ΧI	Acceptable
CC	C3.20	N/A	CSBD	1404-12	M-3209-26	IWA	MT	ΧI	Acceptable
CC	C3.20	N/A	CSBS	1402-16	M-3204-12	IWA	MT	ΧI	Acceptable
CC	C3.20	N/A	CSBS	1402-16	M-3204-13	IWA	MT	ΧI	Acceptable
CC	C3.20	N/A	HPCIPD	2304-14	M-1151D-155	IWA	MT	ΧI	Acceptable
CC	C3.20	N/A	HPCIPD	2304-14	M-1151D-269	IWA	MT	XI	Acceptable
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October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section II Scope of Inspection

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Category	Item	Augment	System	Line	Component	Type	Exam	Cred	it Results
CC	C3.20	N/A	HPCITE	2306-24	M-3212-08	IWA	MT	ΧI	Acceptable
CC	C3.20	N/A	ISCOCR	1303-12	M-1163D-254	IWA	PT	ΧI	Acceptable
CC	C3.20	N/A	LPCIAD	1506-18	M-3213-08	IWA	MT	ΧI	Acceptable
CC	C3.20	N/A	LPCIBD	1519-18	M-3214-20	IWA	MT	ΧI	Acceptable
CC	C3.20	N/A	LPCIBS	1507-24	M-3204-08	IWA	MT	ΧI	Acceptable
CF1	C5.11	GL88-01 D	ISCOSS	1302A-12	12-8	SE-NOZ	UT	88	Acceptable
CF1	C5.11	GL88-01 D	ISCOSS	1302B-12	12-7	SE-NOZ	UT	88	Acceptable
CF2	C5.51	N/A	CSAD	1403-12	12-23	P-EL	МТ	ΧI	Acceptable
0, 2		14/7 (OUAD	1400-12	12-23	r-GL	UT	XI	Acceptable
CF2	C5.51	N/A	CSAD	1403-12	12-29	EL-P	MT	ΧI	Acceptable
							UT	ΧI	·
CF2	C5.51	N/A	CSBD	1404-12	12-32	P-EL	MΤ	ΧI	See Section III
							UT	ΧI	
CF2	C5.51	N/A	HPCIPD	2304-14	14-15	EL-P	MT	XI	Acceptable
CF2	C5.51	N/A	HUCIDO	0004.44	44.0		UT	ΧI	
CF2	C3.51	IN/A	HPCIPD	2304-14	14-3	EL-P	MT UT	XI XI	Acceptable
CF2	C5.51	N/A	HPCIPD	2304-14	14-31	P-EL	MT	XI	Acceptable
					1701		UT	ΧI	Ассериале
CF2	C5.51	N/A	HPCIPD	2304-14	14-7	REDEL-P	MT	ΧI	Acceptable
							UT	ΧI	
CF2	C5.51	N/A	HPCIPS	2302-16	16-19	TEE-P	MT	ΧI	Acceptable
CE2	05.54	A1/A	LIDOIDO	0000.40			UT	ΧI	
CF2	C5.51	N/A	HPCIPS	2302-16	16-9	EL-EL	MT	Xi	Acceptable
CF2	C5.51	N/A	HPCITE	2306-24	24-11	EL-EL	UT MT	XI XI	Acceptable
U. U	00.01		111 0112	2000-24	27-11	CC-CC	UT	XI	Acceptable
CF2	C5.51	N/A	HPCITE	2306-24	24-19	P-EL	MT	XI	Acceptable
							UT	ΧI	
CF2	C5.51	N/A	LPCIAD	1506-18	18-10	P-EL	MT	ΧI	Acceptable
							UT	ΧI	
CF2	C5.51	N/A	LPCIAD	1506-18	18-3.1	EL-EL	MT	ΧI	See Section III
CF2	CE 54	NI/A	LDCIDE	4500.40	40.04	= =	UT	ΧI	
GF2	C5.51	N/A	LPCIBD	1508-18	18-3.1	EL-P	MT UT	XI XI	Acceptable
CF2	C5.51	N/A	LPCIBD	1509-18	18-15	P-EL	MT	XI	Acceptable
4. -		•	3. 0.00	.000 10	10-19	1 *66	UT	XI	vocehranie
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October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section II Scope of Inspection

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Category	Item	Augment	System	Line	Component	Туре	Exam	Cred	it Results
CF2	C5.51	N/A	LPCIBS	1507-24	24-3	P-EL	MT	ΧI	Acceptable
					•		UT	XI	·
CF2	C5.51	N/A	LPCITR	1522-14	14-8	EL-P	MT	XI	Acceptable
							UT	ΧI	
CF2	C5.51	N/A	LPCIX	1531-18	18-16	EL-VLV	MT	ΧI	Acceptable
050	05.04	5114	0000	4404.40			UT	ΧI	
CF2	C5.81	N/A	CSBD	1404-12	12-25	BPC	MT	ΧI	Acceptable
CF2	C5.81	N/A	LPCIBS	1507-24	24-10	DDC	VT-2	ΧI	
012	03.01	1977	LECIDO	1507-24	24-10	BPC	MT VT-2	XI XI	Acceptable
							V 1 -2,	^1	
СН	C7.XX	N/A	cs	TEST BLOCK	2CS01	N/A	VT-2	ΧI	Acceptable
СН	C7.XX	N/A	EC	TEST BLOCK	2EC01	N/A	VT-2	ΧI	Acceptable
CH	C7.XX	N/A	EC	TEST BLOCK	2EC02	N/A	VT-2	ΧI	Acceptable
CH	C7.XX	N/A	HP	TEST BLOCK	2HP01	N/A	VT-2	ΧI	Acceptable
							VT-2	ΧI	
CH	C7.XX	N/A	HP	TEST BLOCK	2HP02	N/A	VT-2	ΧI	Acceptable
CH	C7.XX	N/A	LP	TEST BLOCK	2LP01	N/A	VT-2	ΧI	Acceptable
CH	C7.XX	N/A	NB	TEST BLOCK	2NB01	N/A	VT-2	ΧI	Acceptable
СН	C7.XX	N/A	RC	TEST BLOCK	2RC01	N/A	VT-2	XI	See Section III
СН	C7.XX	N/A	SC	TEST BLOCK	2SC01	N/A	VT-2	ΧI	Acceptable
CH	C7.XX	N/A	SC	TEST BLOCK	2SC02	N/A	VT-2	ΧI	Acceptable
СН	C7.XX	N/A	SC	TEST BLOCK	2SC03	N/A	VT-2	ΧI	Acceptable
DB	D2.IA	N/A	CCSWAD	1510A-10	2-1510-46	IWA	VT-3/4	ΧI	Acceptable
DB	D2.XX	N/A	CC	TEST BLOCK	2CC01	N/A	VT-2	ΧI	Acceptable
DB	D2.XX	N/A	DG	TEST BLOCK	2DG01	N/A	VT-2	ΧI	Acceptable
DB	D2.XX	N/A	DG	TEST BLOCK	2DG02	N/A	VT-2	ΧI	Acceptable
DB	D2.XX	N/A	IC	TEST BLOCK	2IC01	N/A	VT-2	ΧI	Acceptable
DB	D2.XX	N/A	IC	TEST BLOCK	2IC02	N/A	VT-2	ΧI	Acceptable
DB	D2.XX	N/A	MS	TEST BLOCK	2MS01	N/A	VT-2	ΧI	Acceptable
FA	F1.10	N/A	CSBD	1404-10	M-1150D-255	CL 1 SUP	VT-3/4	ΧI	Acceptable
FA	F1.10	N/A	FWB	3204B-18	M-1156D-258	CL 1 SUP	VT-3/4	ΧI	Acceptable
FA	F1.10	N/A .	FWB	3204B-18	X-107B-F	CL 1 SUP	VT-3/4	ΧI	Acceptable
FA	F1.10	N/A	MSA	3001A -20	M-564E SHT 5	CL 1 SUP	VT-3/4	ΧI	Acceptable
FA	F1.10	N/A	MSA	3001A -20	M-569 SHT 19	CL 1 SUP	VT-3/4	ΧI	Acceptable
FA	F1.10	N/A	MSA	3001A -20	M-569 SHT 23	CL 1 SUP	VT-3/4	ΧI	Acceptable
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October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section II Scope of Inspection

					Tubio A				
Category	Item	Augment	System	Line	Component	Type	Exam	Cred	t Results
FA	F1.10	N/A	MSD	3001D-20	X-105D-F	CL 1 SUP	VT-3/4	ΧI	Acceptable
FA	F1.10	N/A	MSDN	3007-2	X-106-F	CL 1 SUP	VT-3/4	ΧI	Acceptable
FA	F1.10	N/A	RWCU	1201-8	M-1159D-261	CL 1 SUP	VT-3/4	ΧI	Acceptable
FA	F1.10	N/A	RWCU	1202-8	M-1159D-257	CL 1 SUP	VT-3/4	ΧI	Acceptable
FA	F1.20	N/A	CRDSD	0408A-6	M-1152D-1101	CL 2 SUP	VT-3/4	ΧI	Acceptable
FA	F1.20	N/A	CSAD	1403-12	M-1150D-63	CL 2 SUP	VT-3/4	ΧI	Acceptable
FA	F1.20	N/A	CSAD	1403-12	M-1150D-64	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	CSAS	1401-16	M-3203-08	CL 2 SUP	VT-3/4	ΧI	See Section III
FA	F1.20	N/A	CSBD	1404-12	M-3209-14	CL 2 SUP	VT-3/4	ΧI	Acceptable
FA	F1.20	N/A	CSBD	1404-12	M-3209-20 (3/3)	CL 2 SUP	VT-3/4	ΧI	Acceptable
FA	F1.20	N/A	HPCIPD	2304-14	M-1151D-269	CL 2 SUP	VT-3/4	ΧI	Acceptable
FA	F1.20	N/A	LPCIAS	1502A-14	M-3203-07	CL 2 SUP	VT-3/4	ΧI	Acceptable
FA	F1.20	N/A	LPCIBD	1508A-12	M-3214-24	CL 2 SUP	VT-3/4	ΧI	Acceptable
FA	F1.20	N/A	LPCIBD	1519-18	M-3214-08	CL 2 SUP	VT-3/4	ΧI	Acceptable
FA	F1.20	N/A	LPCIBS	1507-24	M-3204-08	CL 2 SUP	VT-3/4	ΧI	Acceptable
FA	F1.20	N/A	LPCITR	1522-14	M-3209-06	CL 2 SUP	VT-3/4	ΧI	Acceptable
FA	F1.20	N/A	LPCIX	1531-18	M-3214-34	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	RWCU	1221-8	M-1151D-271	CL 2 SUP	VT-3/4	XI	See Section III
FA	F1.30	N/A	CCSWAD	1510-16	M-1164D-97	CL 3 SUP	VT-3/4	ΧI	Acceptable
FA	F1.30	N/A	DGSW	3930-8	M-1162D-156	CL 3 SUP	VT-3/4	ΧI	Acceptable
FA	F1.30	N/A	DGSW	3930-8	M-1162D-588	CL 3 SUP	VT-3/4	ΧI	See Section III
FA	F1.30	N/A	SRVDC	3019C-8	M-564G SHT 19	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RPV	RPV SHELL	M-1175D-3	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RPV	RPV SHELL	M-1175D-4	CL 1 SUP	VT-3/4	ΧI	Acceptable
FA	F1.40	N/A	RRAS	PMP 2A-0202	M-1135 SHT 11	CL 1 SNB	VT-3/4	ΧI	Acceptable
FA	F1.40	N/A	RRAS	PMP 2A-0202	M-1135 SHT 13	CL 1 SNB	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RRAS	PMP 2A-0202	M-1135 SHT 14	CL 1 SNB	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RRAS	PMP 2A-0202	M-1135 SHT 18	CL 1 SNB	VT-3/4	Χi	Acceptable
FA	F1.40	N/A	RRAS	PMP 2A-0202	M-1135 SHT 3	CL 1 SNB	VT-3/4	ΧI	Acceptable
FA	F1.40	N/A	RRAS	PMP 2A-0202	M-1135 SHT 8	CL 1 SNB	VT-3/4	XI	Acceptable
TS	3/4.8.F	N/A	ECCS	2-1501-24	M-3202-2	SNUBBER	FT	OR	Acceptable
TS	3/4.8.F	N/A	ECCS	2-1501-24	M-3202-5	SNUBBER	FT	OR	Acceptble
TS	3/4.8.F	N/A	ECCS	2-1501-24	M-3202-6	SNUBBER	FT	OR	Acceptable
TS	3/4.8.F	N/A	MSA	3-3001A-20	M-564E SHT 1	SNUBBER	FT	OR	Acceptable
TS	3/4.8.F	N/A	MSA	3-3001A-20	M-564E SHT 2	SNUBBER	FT	OR	Acceptable
TS	3/4.8.F	N/A	PRICON	2-1601-20	M-3210-10	SNUBBER	FT	OR	Acceptable
TS	3/4.8.F	N/A	PRICON	2-1650B-2	M-1129 SHT 22	SNUBBER	FT	OR	Acceptable
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Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section II Scope of Inspection

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

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section II Scope of Inspection

Expansions Table B

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

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section II Scope of Inspection

Reinspections Table C

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

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section II Scope of Inspection

Baseline Examinations Table D

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

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 11-16-71

Section II Scope of Inspection

Attachment A Summary of Vessel Internals Examinations

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

Jet Pump Beam Ultrasonic Examination

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

Shroud Head Bolt Examinations

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

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

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

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

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

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 11-16-71

Section II Scope of Inspection

Attachment A Summary of Vessel Internals Examinations

Core Spray Visual Inspections

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

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

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

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

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

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 11-16-71

Section II Scope of Inspection

Attachment A Summary of Vessel Internals Examinations

Jet Pump Visual Examinations

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

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

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

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

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

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 11-16-71

Section II Scope of Inspection

Attachment A Summary of Vessel Internals Examinations

Core Shroud Support Plate Weld Inspections

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

Core Shroud Vertical Weld Inspection

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

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

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

Top Guide Alignment Pin Inspections

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

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 11-16-71

Section II Scope of Inspection

Attachment A Summary of Vessel Internals Examinations

IRM SRM Dry-tube Inspections

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

Reactor Vessel Head ID and Cladding Examination

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

Inspection Results and Conclusions

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

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

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section III Abstract of Corrective Measures

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

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

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section III Abstract of Corrective Measures

Categor ISI and A	y Item Augi ugmented Examina	ment System tions	Line	Component	Type
BP	B15.XX	RC	TEST BLOCK	2RC01	N/A
			e test a small number		

During the D2R16 system leakage test a small number of recordable indications were discovered. PIF D1999-04522 was initiated to document discrepancies. The following recordable indications were noted and addressed per the provisions of Relief Request PR-18 or subsequent corrective maintenance: Bonnet leak on valves 2-1501-25A and 2-1501-25B and on Control Rod Drives C-11, D-3, H-2, H-11, J-3, and J-12 (corrective measures performed under WR 990006573-01); bonnet leaks on valves 2-0203-2A, 2-0203-2C, and 2-0203-2D (corrective measures under WR 990006572-01); bonnet leaks on the following east bank control rod drive valves: 3-0305-101(N6), 3-0305-102(H-6), 3-0305-102(N12), 3-0305-102(P6), 3-0305-120(L14), 3-0305-120(M14), 3-0305-123(N13) (corrective measures under WR 990006571-01); bonnet leaks on the following west bank control rod drive valves: 3-0305-101(D10), 3-0305-101(E7), 3-0305-101(G6), 3-0305-102(B8), 3-0305-120(A9), 3-0305-120(B10), 3-0305-120(C9), 3-0305-120(C9), 3-0305-120(C91), 3-0305-120(G13), 3-030

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

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

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

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

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

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

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

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

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section III Abstract of Corrective Measures

	Item gmented Exar		Line	Component	Type
FA .	F1.20	RWCU	1221-8	M-1151D-271	CL 2 SUP

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

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

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

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section III Abstract of Corrective Measures

		ment System	Line	Component	Type
Reinspect	ions				•
FA	F1.10	SDC	1001B-16	X-111B-F	CL 1 SUP

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

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

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

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section III Abstract of Corrective Measures

	t Item A xaminations	Augment System	Line	Component	Туре
FA	F1.10	RRBD	0201B-28	. M-1157D-1	CL 1 SNB

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

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section IV Abbreviations

Component Type

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

Valve Bolting

VLVBLT

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section IV Abbreviations

Credit

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

Other

DR Discrepancy Record
PIF Performance Improvement Form

Exam

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

System

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

Dresden Nuclear Power Station 6500 N. Dresden Road, Morris, IL 60450 October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section IV

Abbreviations

High Pressure Coolant Injection, Pump Discharge
High Pressure Coolant Injection, Pump Suction
High Pressure Coolant Injection, Steam Turbine Supply
High Pressure Coolant Injection, Turbine Exhaust
Isolation Condenser, Condensate Return
Isolation Condenser, Steam Supply
Isolation Condenser and Vent Piping
Jet Pump Instrumentation Loop "A"
Jet Pump Instrumentation Loop "B"
Low Pressure Coolant Injection "A", Pump Discharge
Low Pressure Coolant Injection "A", Pump Suction
Low Pressure Coolant Injection "B", Pump Discharge
Low Pressure Coolant Injection "B", Pump Suction
Low Pressure Coolant Injection Heat Exchengers
Low Pressure Coolant Injection Torus Spray Ring
Low Pressure Coolant Injection Test Return to Torus
Low Pressure Coolant Injection Crosstie
Lower Vessel Level "A"
Lower Vessel Level "B"
Main Steam "A"
Main Steam "B"
Main Steam "C"
Main Steam "D"
Main Steam Drain
Primary Containment (IWE)
Reactor Head Spray
Reactor Head Vent
Reactor Pressure Vessel
Reactor Recirculation Loop "A", Pump Discharge (U/2 includes the crosstie piping up to but not including weld 202-6B/L3)
Reactor Recirculation Loop "A", Pump Suction
Reactor Recirculation Loop "B", Pump Discharge (U/2 includes the crosstie piping up to but not including weld 202-6B/L3)
Reactor Recirculation Loop "B", Pump Suction
Reactor Vessel Bottom Drain
Reactor Water Clean Up
Standby Liquid Control
Shutdown Cooling
Safety Relief Valve Discharge "A"
Safety Relief Valve Discharge "B"
Safety Relief Valve Discharge "C"
Safety Relief Valve Discharge "D"
Safety Relief Valve Discharge "E"
Linner Vessel Loyel "A"
Upper Vessel Level "A"

October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

Section V

Repairs and Replacements Since the Preceding Summary Report

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

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

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

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

October 1999 Inservice Inspection Unit No. 2; National Board No. N-137 Commercial Service Date: 6-9-72

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

Section V Repairs and Replacements Since the Preceding Summary Report

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

CATEGORY 3

DAP 11-18 REVISION 07

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

1. Owner: ComEd Company One First Nations	(Name) al Plaza, Chicago IL, 6069	0 (Address)		Da	ate: <u>6-1</u>		4
2. Plant: Dresden Nucl 6500 North Dr	lear Power Station resden Road, Morris IL., 6	_ (Name) 50450 _ (Address)				Sheet: 1 Of Unit: 3	如此
3. Work Performed By: _Coml	Ed/Bechtel	(Name)				(PLAN 2-96-001)	
Sam	e as Above	(Address)		Rep	air Organiz	ation P.O. No., Job No.	etc.
4. Identification of System:	0203 Main Steam						
5. (a) Construction Code 1 (b) Edition of Section X	USAS B31.1.0 I used for Repair/Replacen	19 <u>67</u> Edition ment 19 <u>89</u> Ed	a, <u>NO</u> lition,]	Addenda, Code Cases NOAddenda, Code Ca	s <u>NONE</u>	ONE	
6. Identification of Components	Repaired or Replaced and	i Replacement Com	ponents				
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Spare MSIV Disc	Crane	None	N/A	None	N/A	Repair	No
							No
Pilot Disc for MSIV Main Disc	Crane	Unknown	N/A	None	N/A	Replaced	No
Pilot Disc for MSIV Main Disc	Crane	C3563	N/A	SI #570C91	N/A	Replacement	No
7. Description of work: Rebuil	t existing spare MSIV disc	which was remove	d from U	nit 2 during the D2R14 o	utage. Reb	ouild included replacing ex	disting pilot disc
and refurbishing main seating si							
8. Test Conducted: Hydrostati		Nominal Operating	_	•••	[X]		
^ =			Fest Tem	perature <u>N/A</u> °F			
9. Remarks: Disc to be return	ed to Stores as spare for n	uture installation.					
We certify that the statements	s made in this report are c	Certificate orrect and this REP	e of Com 'AIR/RE	ipliance PLACEMENT Conform	s to Section	1 XI of the ASME Code.	
Signed: Brendan 2 (Owner or Ow		ISI COORDINAT		6-16, 19 <u>97</u>			
(Owner or Ow	ther's Designer)	(Title)		(Date)			
		Certificat	te of Ins	pection			
I, the undersigned, holding a employed by The Hartford S described in this report on accordance with Section XI implied, concerning the repairant personal injury or proper	team and Boiler Insurance , 19 and of the ASME Code. By sight or replacement described	and Inspection Co. state to the best of gning this certificate d in this report. Fu	of Hartfi my know e neither orthermore	ord, Connecticut having vledge and belief, this rep the inspector nor his emp e, neither the inspector n	inspected the pair or replace of the pair or replace of the pair o	he REPAIR/REPLACEM acement has been constru- es any warranty, expresse	MENT cted in d or
1.12.1	spector: Ma	TI. Lin		Commissions:I	L932, NB7		
	, , ,	,	7		State or Pr	ovince, 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: <u>5-22-97</u> 2 4 BK Sheet: <u>4</u> Of <u>4</u> 1/1/2000				
2. Plant: Dresden Nucl	ear Power Station	(Name)				Sheet: Of	+ 1/12/2000	
3. Work Performed By: Same as Above			· · · · · · · · · · · · · · · · · · ·					
Samo	as Above	(Address)	Repair Organization P.O. No., Job No. etc.					
4. Identification of System:	0203 Main Steam	_						
5. (a) Construction Code L (b) Edition of Section XI	JSAS B31.1.0 used for Repair/Replace	, 19 <u>67</u> Edition	on, <u>NO</u>	Addenda, Code Cases NO Addenda, Code Cas	s <u>NONE</u>	ONE.		
6. Identification of Components Repaired or Replaced and Replacement Components								
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No	
Spare MSIV Main Disc	Crane	None	N/A	None	N/A	Repair	NO	
			<u> </u>					
Pilot Disc for MSIV Main Disc	Crane	Unknown	N/A	None	N/A	Replaced	NO	
Pilot Disc for MSIV Main Disc	Crane	C3939	N/A	SI #570C91	N/A	Replacement	NO	
7. Description of work: Rebuilt existing spare MSIV disc which was removed from Unit 2 during the D2R14 outage. Rebuild included replacing existing pilot dis								
and refurbishing main seating surface by removing existing stellite and rewelding and machining with stellite 21. 8. Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [] Not Applicable [X]								
•	_	N/A psig		mperature N/A °F	, A. J			
9. Remarks: Disc to be returned to Stores as spare for future installation.								
We and God and a second		Certificat	e of Com	pliance				
We certify that the statements made in this report are correct and this REPAIR/REP LACEMENT Conforms to Section XI of the ASME Code. Signed: 5-22, 1997								
(Owner or Ow	ner's Designee)	(Title)	<u> </u>	5-22, 19 <u>97</u> (Date)	_			
	(a							
Certificate of Inspection								
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPAIR/REPLACEMENT								
described in this report on 7 / 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 any personal injury or propert	r or replacement describe	d in this report. Fu	rthermore	neither the inspector no	r his empl	oyer shall be liable in any	manner for	
Date: 527-97 Inspector: Rut I flux Commissions: IL932, NB7742NISB								
(State or Province, National Board)								

DAP 11-18 REVISION 08

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

1. Owner: ComEd Company (Name) One First National Plaza, Chicago IL, 60690 (Addre			Date: 8-18-98					
2. Plant: Dresden Nuc	_ (Name) 60450 (Address)				Sheet: 1 Of			
3. Work Performed By: ComEd		(Name)	WR 960118180 (PLAN 2-97-002) Repair Organization P.O. No., Job No. etc.					
San	ne as Above	(Address)		Кера	ur Organiz	ation P.O. No., Job No.	eic.	
4. Identification of System:	1500 LPCI/CCSW							
(b) Edition of Section X	ASME Section III (I used for Repair/Replace	ment 19 <u>89</u> Editi	on, <u>NC</u>	Addenda, Code Cases Addenda, Code Cases	NONE N-41	6-1		
6. Identification of Component	s Repaired or Replaced an	d Replacement Com	ponents					
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No	
2A LPCI/CCSW Heat Exchanger	Berlin-Chapman	05036-2	3005	2A-1503	1967	Repaired	Yes	
					 			
						ļ		
					<u> </u>			
7. Description of work: Repa	ired pitted surfaces in char	nnel areas of heat ex	changer l	by weld build-up.				
8. Test Conducted: Hydrosta	tic [Pneumatic []	Nominal Operating	g Pressur	e [X] Not Applicable	[]			
	Test Pressure	195/188 psig Te	st Tempo	erature <u>79.4</u> °F				
9. Remarks: <u>Test pressures a</u>	are taken from 2A and 2D	CCSW pump discha	rge respe	ctively. Performed VT-2	on 7/13/9	8, no leakage observed		
		Certificate	e of Com	pliance	45145	9. 4.		
We certify that the statemen	ts made in this report are o	ISI COORDINAT		_		ode.		
Signed: 7)/WWW/Owner or O	wner's Designee	(Title)	<u> </u>	<u>B-18</u> , 19 <u>98</u> (Date)	-			
<u></u>							لـــــــــــــــــــــــــــــــــــــ	
		Certifica	te of Inst	ection				
of the ASME Code. By sig replacement described in thi damage or a loss of any kin-	Steam and Boiler Insurance and state to the best of my ning this certificate neither s report. Furthermore, ne d arising from or connecte	and Inspection Co. knowledge and beli- the inspector nor hi ther the inspector no d with this inspection	of Hartie of, this re is employ or his em n.	ord, Connecticut having i pair or replacement has be er makes any warranty, e ployer shall be liable in a	nspected the seen constraint expressed of any manner	ne REPAIR described in ucted in accordance with in implied, concerning the for any personal injury	this report Section XI e repair or	
Date: 9-21-99 in	spector:	KUT / KA	w	Commissions: II	L932, NB7	742NISB ovince, National Board)		
			,	•				

One First Nationa	(Name) I Plaza, Chicago IL, 60690	(Address)				Date:10/27/9	
. Plant: Dresden Nucle	esden Road, Morris IL., 60	Name)				Sheet: 1 Of	1_
. Work Performed By: Same		Name)			TI (D	Unit: 2	
		(Address)			Repair (. 970073212-01 (PLAN Organization P.O. No., Jo	2-97-019) b No. etc.
. Identification of System:1		(Address)					
		10 67 Edition	NO Ad	4- 4- 0-4- 0	NO.		
(b) Edition of Section XI	JSAS B31.1.0 used for Repair/Replacemen	nt 19 89 Edition,	NO Ad	denda, Code Cases	NONE N-416-1		
. Identification of Components I	Repaired or Replaced and Re	placement Compon	ents				
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Coo Stam Yes/
2A LPCI Pump Minimum Flow Line Discharge Check Valve	Hancock	Unknown	N/A	2-1501-65A	N/A	Replaced	No
2A LPCI Pump Minimum Flow Line Discharge Check Valve	Hancock	Heat Code YJN/YSO	N/A	SI #808C37	N/A	Replacement	No
·			<u></u>				
. Description of work: Replace	ed existing check valve with	new model for cons	istency wi	th other minimum flow	check valves i	or IST purposes.	
. Description of work: Replace	ed existing check valve with	new model for cons	istency wi	th other minimum flow	check valves t	or IST purposes.	
	ed existing check valve with	-		W		or IST purposes.	
	c [] Pneumatic [] N	-	ressure [X] Not Applicable []		or IST purposes.	
Test Conducted: Hydrostati	c [] Pneumatic [] N Test Pressure _	ominal Operating P	ressure [X] Not Applicable []		or IST purposes.	
Test Conducted: Hydrostati	c [] Pneumatic [] N Test Pressure _	ominal Operating P	ressure [X] Not Applicable []		or IST purposes.	
Test Conducted: Hydrostati	c [] Pneumatic [] N Test Pressure _	ominal Operating P 156 psig Test	ressure [X] Not Applicable [] re 82.4 °F		or IST purposes.	
Test Conducted: Hydrosiati Remarks: No leakage noted d	c[] Pneumatic[] N Test Pressure _ uring LPCI surveillance.	ominal Operating P	ressure [X] Not Applicable [] re 82.4 °F			
Test Conducted: Hydrostati Remarks: No leakage noted de We certify that the statements in Signed: Bundan	Test Pressure _ uring LPCI surveillance. nade in this report are correct Lasey ISI	ominal Operating P 156 psig Test Certificat and this REPLAC	ressure [X Temperatu te of Com] Not Applicable [] re 82.4 °F pliance Conforms to Section X			
Test Conducted: Hydrostati Remarks: No leakage noted de We certify that the statements me	Test Pressure _ uring LPCI surveillance. nade in this report are correct Lasey ISI	ominal Operating P 156 psig Test Certifica t and this REPLA	ressure [X Temperatu te of Com] Not Applicable [] re 82.4 °F			
Test Conducted: Hydrostati Remarks: No leakage noted de We certify that the statements in Signed: Bundan	Test Pressure _ uring LPCI surveillance. nade in this report are correct Lasey ISI	ominal Operating P 156 psig Test Certificat and this REPLAC	ressure [X Temperatu te of Com] Not Applicable [] re 82.4 °F pliance Conforms to Section X			
Test Conducted: Hydrostati Remarks: No leakage noted de We certify that the statements in Signed: Bundan	Test Pressure _ uring LPCI surveillance. nade in this report are correct Lasey ISI	Ominal Operating P 156 psig Test Certificat and this REPLAC	ressure [X Temperatu te of Com	Not Applicable [] re 82.4 °F pliance Conforms to Section X 27 , 19 99			
Test Conducted: Hydrostati Remarks: No leakage noted de We certify that the statements in Signed: Bundan	Test Pressure uring LPCI surveillance. uring LPCI surveillance. ISI s Designee) Isi s Designee by the der Insurance and Inspection te to the best of my knowled te neither the inspector nor his emiler the inspector nor his err the inspector nor his err	Certificat and this REPLAC COORDINATOR (Title) Certificate National Board of Co. of Hartford, Coge and believe makes.	te of Com CEMENT (Date	Pressure Vessel Inspectation in Special Pressure Inspected the Relationship of the Pressure vessel of the Relationship inspected the Relationship in t	of the ASMI	E Code. tate or Province of Illinois. INT described in this reported and the second and the se	t on the ASM

Owner: ComEd Company One First Nationa	(Name) al Plaza, Chicago IL, 606	(Address)			Date:4-15	5-99	
2. Plant: Dresden Nucl		(Name)				Sheet: <u>1</u> Of Unit: <u>2</u>	
3. Work Performed By: <u>Same</u>	: as Above	(Name)		WR 9	970073215-01	(PLAN 2-97-020)	_
₹	ne as Above			K	Repair Organiz	zation P.O. No., Job No.	etc.
4. Identification of System:	1500 LPCI			,			
5. (a) Construction Code <u>U</u> (b) Edition of Section XI	USAS B31.1.0 I used for Repair/Replace	, 19 <u>67</u> Editi ement 19 <u>89</u> Edit	ion, <u>NO</u>	Addenda, Code Cas D_ Addenda, Code Ca	ses NONE	16-1	
6. Identification of Components				_	-		
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Bit	Repair, Replaced or Replacement	Code Stamped Yes/No
2C LPCI Pump Minimum Flow Line Check Valve	Hancock	Unknown	N/A	2-1501-65B	N/A	Replaced	No
2C LPCI Pump Minimum Flow Line Check Valve	Hancock	Heat Code YJN/YSD	N/A	SI #808C37	N/A	Replacement	No
			-				
			1		_		
7. Description of work: Replace classification.	ed existing check valve w	vith new check valve	assembly	so that all LPCI pump	 o minimum flo	w check valves will be c	onsistent for I
8. Test Conducted: Hydrostatic	ic [] Pneumatic []	Nominal Operating	- Deacellt	rar 1 Mot Applies			
1. Aust Communica.	Test Pressure			e [X] Not Applicat ure Ambient °F	ole []		
). Remarks: None.	1000 11000000	100 hora 1000 v	emperace	ire Amoient 1			
		Cartificat	te of Com	-12			
We certify that the statements		correct and this REF	PLACEM	ENT Conforms to Sec		ASME Code.	
Signed: Brendan (Owner or Ow	J. Cusley vnet's Designeey	ISI COORDINATO (Title)	<u>)R</u>	(Date), 19 99			
		Certifica	ite of Insp	ection			
I, the undersigned, holding a employed by The Harrford Stethis report on Section XI of the ASME Code repair or replacement describe property damage or a loss of a section of the section	19 77 and state to the ble. By signing this certificated in this report. Further	e and inspection Co. best of my knowledge icate neither the inspe- rmore, neither the in-	of Harttonge and believector nor l	ord, Connecticut having ief, this repair or repla his employer makes ar or his employer shall h	g inspected the acement has be	e REPLACEMENT description constructed in accord	scribed in dance with
Date: 4-15-99 Insp	ector: Ku				L932, NB7742 (State or Pro	2NISB ovince, National Board)	

							
1. Owner: ComEd Company One First Nationa	(Name) I Plaza, Chicago IL, 6069	90 (Address)		ī	Date: <u>8-17</u>	7-98	
2. Plant: <u>Dresden Nucl</u> 6500 North Dr	ear Power Station	_ (Name) 50450 (Address)				Sheet: Of	
3. Work Performed By: ComE				WR 97	70000702 (Unit: 2 PLAN 2-97-023)	-
	as Above			R	pair Organiz	cation P.O. No., Job No.	. etc.
4. Identification of System: 390	0 Diesel Generator Coo	ling Water					
5. (a) Construction Code <u>U</u> (b) Edition of Section XI	JSAS B31.1.0 used for Repair/Replace	. 19 67 Edit	ion, <u>NO</u>	Addenda, Code Cas Addenda, Code Cas	es NONE	16-1	-
6. Identification of Components							•
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Bli	Repair, Replaced or Replacement	Code Stamped Yes/No
Keep-fill Cheek Valve (Lift Cheek)	Edwards	Unknown	N/A	2-3999-636	N/A	Replaced	No
					-		
Keep-fill Check Valve (Ball Check)	Edwards	Heat # SLAXNX	N/A	SI #818C92	N/A	Replacement	No
3. Test Conducted: Hydrostation 9. Remarks: <u>Performed VT-2 ex</u> Request PR-14.	Test Pressure	52 psig Test	Tempera	ture <u>52</u> °F		with Dresden Station Thir	rd Interval Reli
We certify that the statements Signed: Dundan (Owner or Own	/ / ^	Certificate present and this REP ISI COORDINAT (Title)	PLACEM	pliance ENT Conforms to Sect B-21, 199 (Date)	ion XI of the	ASME Code.	
		Certificat	te of Insp	ection			
repair or replacement describe property damage or a loss of a	and spot Botter Insurance 19 A and state to the b By signing this certific d in this report. Furtherr my kind arising from or c ector: Prouvel	and Inspection Co. eest of my knowledge ate neither the inspender, neither the in connected with this	of Hartoge and be ector nor spector no inspection	connecticut having lief, this repair or replaints this repair or replaints and the control of this employer shall be commissions: Commissions:	inspected the cement has by warranty, celiable in an IL932, NB7 (State or Pro	the REPLACEMENT despeen constructed in accord expressed or implied, cord y manner for any person results. 742NISB bylince, National Board)	cribed in dance with
		AND ATTACHE NTS 231-7) Dou 12-99	RENTATION FOR 8-05701. Phy	_ aesop 8	u 98	

1. Owner: ComEd Company One First Nation	y (Name) nal Plaza, Chicago IL, 6069	90 (Address)		Da	ate: <u>6-16</u>	5-99	
2. Plant: Dresden Nuc		(Name)				Sheet: <u>1</u> Of Unit: <u>2/3</u>	_
3. Work Performed By: Same				WR 980	00630 7 (T	PLAN 2-99-003)	-
	ne as Above			Rep	air Organiz	zation P.O. No., Job No	. etc.
4. Identification of System:			ng Water	r)			
5. (a) Construction Code	USAS B31 1 0	19 67 Editio	an NO	Addenda Code Coses	NONE		
(b) Edition of Section \tilde{X}	I used for Repair/Replacer	ment 19 <u>89</u> Editio	on, <u>NC</u>	Addenda, Code Cases	NON	(E	-
5. Identification of Component	s Repaired or Replaced and	i Replacement Comp	ponents				
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stampe Yes/No
8" X 6" concentric expansion joint	Unknown	None Identified	N/A	Line 2/3-3932-8"-O	N/A	Replaced	No
¾ "-10 Heavy Hex Nuts (A194 Grade 2H)	Unknown	None Identified	N/A	Line 2/3-3932-8"-O	N/A	Replaced	No
¾ *-10 Heavy Hex Bolts (A193 Grade B7)	Unknown	None Identified	N/A	Line 2/3-3932-8"-O	N/A	Replaced	No
%"-11 Heavy Hex Nuts (A194 Grade 2H)	Unknown	None Identified	N/A	Line 2/3-3932-8"-O	N/A	Replaced	No
%"-11 Heavy Hex Bolts (A193 Grade B7)	Unknown	None Identified	N/A	Line 2/3-3932-8"-O	N/A	Replaced	No
7. Description of work: Repla	aced expansion joint per pre	eventative maintenar	ce survei	llance. Bolting replaced	to accomm	nodate installation of har	dened washer
3. Test Conducted: Hydrostat 9. Remarks: <u>Pressure recorded</u>	tic [] Pneumatic [] Test Pressure	Nominal Operating 3.3 psig Test Te	Pressure				
We certify that the statement Signed: (Owner or Ov	/ / / A A A	Certificate orrect and this REPI ISI COORDINATOI (Title)	LACEM	pliance ENT Conforms to Section (6-16, 1999) (Date)	n XI of the	ASME Code.	
		Certificate	e of Insp	ection			
I, the undersigned, holding a employed by The Hartford S this report on	, 19 and state to the bede. By signing this certificated in this report. Furthern	and inspection Co. of est of my knowledge tate neither the inspections.	of Hartform and beling ctor nor l	rd, Connecticut having in ef, this repair or replacer his employer makes any tor his employer shall be like. Commissions: IL93	spected the ment has be warranty, e iable in any 32, NB7742	e REPLACEMENT description constructed in accord expressed or implied, con a manner for any personal processes and the construction of the construc	cribed in lance with

CATEGURY 3

FORM NIS-2 SUPPLEMENT DAP 11-18
OWNER'S REPORT OF REPAIR OR REPLACEMENT SUPPLEMENTAL SHEET REVISION 08

1. Owner: ComEd Company (Name) One First National Plaza, Chicago IL, 60690 (Add	ress)	Date: 6-16-99	
2. Plant: <u>Dresden Nuclear Power Station</u> (Name) 6500 North Dresden Road, Morris IL., 60450	(Address)		Sheet: 2 Of 2 Unit: 2/3
3. Work Performed By: Same as Above	(Name)	WR 980006307 (PLAN 2-99-0	003)
Same as Above	(Address)	Repair Organization P.	O. No., Job No. etc.
4. Identification of System: 3900 Service Water (Diesel Generator	Cooling Water)		
5. (a) Construction Code <u>USAS B31.1.0</u> , 19 67 (b) Edition of Section XI used for Repair/Replacement 19	Edition, NO Add	enda, Code Cases <u>NONE</u> Addenda, Code CaseNO	ONE
6. Identification of Components Repaired or Replaced and Replacem	ent Components		

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
8" X 6" concentric expansion joint	Unknown	None Identified	N/A	SI #798A58	N/A	Replacement	No
¾"-10 Heavy Hex Nuts (A194 Grade 2H)	Unknown	None Identified	N/A	SI #796D01	N/A	Replacement	No
¾"-10 Heavy Hex Bolts (A193 Grade B7)	Unknown	None Identified	N/A	SI #800E80	N/A	Replacement	No
%"-11 Heavy Hex Nuts (A194 Grade 2H)	Unknown	None Identified	N/A	SI #796C99	N/A	Replacement	No
%"-11 Heavy Hex Bolts (A193 Grade B7)	Unknown	None Identified	N/A	SI #501F81	N/A	Replacement	No
· · · · · · · · · · · · · · · · · · ·							
· · · · · · · · · · · · · · · · · · ·							
				- 			
			1				

Owner: ComEd Company One First National	(Name) al Plaza, Chicago IL, 6069	90 (Address)		Da	ate: <u>4-19</u>	9-99	
2. Plant: Dresden Nucle		(Name)				Sheet: <u>1</u> Of Unit: 2	
3. Work Performed By: Same				<u>WR 990</u>	01 <u>7365-01</u>	(PLAN 2-99-004)	_
Same	e as Above	(Address)		Repr	air Organiz	zation P.O. No., Job No). etc.
4. Identification of System:							
5. (a) Construction Code U (b) Edition of Section XI	JSAS B31.1.0 I used for Repair/Replace	, 19_67_Edition	on, <u>NO</u>	Addenda, Code Cases Addenda, Code Cases	NONE NONE	ME	•
6. Identification of Components				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		VE.	-
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Cooling Coil for Unit 2 East LPCI Corner Room Cooler	Unknown	Unknown	N/A	2-5746-A	N/A	Replaced	No
Inlet and Outlet Cooler Pipe Unions (2½* Diameter)	Unknown	Unknown	N/A	Lines 2-3933A-2½"-O and 2-3934A-2½"-O	N/A	Replaced	No
Cooling Coil for Unit 2 East LPCI Corner Room Cooler	Buffalo Forge	None Recorded	N/A	SI #765C55	N/A	Replacement	No
Inlet and Outlet Cooler Pipe Unions (2½" Diameter) A105	Unknown	Heat Code R337S/R359S/ R333S	N/A	SI #797B94	N/A	Replacement	No
7. Description of work: Replaced to be leaking and were replaced to B. Test Conducted: Hydrostatic D. Remarks: None.	c [] Pneumatic []		g Pressure	re [X] Not Applicable		er reassembly, existing u	nions were fo
We certify that the statements Signed: Owner or Own	J. Cases	Certificate orrect and this REPI ISI COORDINATOI (Title)	LACEM	pliance ENT Conforms to Section 5-18, 1949 (Date)	n XI of the	: ASME Code.	
I, the undersigned, holding a vemployed by The Hartford Steaths report on 5 - 15. Section XI of the ASME Code, repair or replacement described	19 and state to the bee. By signing this certification	and inspection Co. of est of my knowledge rate neither the inspec	d of Boile of Hartfor	er and Pressure Vessel Ins ord, Connecticut having ins ief, this repair or replacen his employer makes and a	ispected the ment has be	e REPLACEMENT desc een constructed in accord	dance with
repair or replacement described property damage or a loss of a Date:	any kind arising from or co			or his employer shall be it i. Commissions: IL93:	11aole in any 32. NB7742	ly manner for any person	al injury or

One First Nationa	y (Name) al Plaza, Chicago IL, 60690	(Address)		•		Date: 10/25/9	
2. Plant: <u>Dresden Nucle</u> 6500 North Dr	ear Power Station (I	Name) 0450 (Address)				Sheet: 1 Of	1
3. Work Performed By: Same		,				Unit: 2	
- .		(Name)			Repair C	970036007-01 (PLAN Organization P.O. No., Jo	2-99-005) b No. etc.
	e as Above	(Address)				-	
4. Identification of System: 0							
5.(a) Construction Code A(b) Edition of Section XI	ASME Section III used for Repair/Replacement	, 19 65 Edition, nt 19 89 Edition,	NO Ac	ldenda, Code Cases ldenda. Code Cases	NONE NONE	-	
6. Identification of Components F					110112	· · · · · · · · · · · · · · · · · · ·	
	1	T					
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Co Stam Yes/
Main Steam 6" Safety Relief Valve	Consolidated	BK 7162	N/A	2-0203-4F	N/A	Replaced	No
				<u> </u>			
Main Steam 6" Safety Relief Valve	Consolidated	BK 6260	N/A	SI #781C41	N/A	Replacement	No
			 				
•		ļ <u>.</u>					
		 	 				
		L					
7. Description of work: Replace	xd existing main steam safety	relief valve with re	ebuilt and	retested spare assembly	per surveilland	re Relief valve set point i	~ 1260
							3 1200.
3. Test Conducted: Hydrostatic	c[] Pneumatic[] N	ominal Operating P	ressure []	Not Applicable [X]			
		1035 psig Test T					
Demarks: VT 2 avamination d	luring system leakage test.		· · · · por ata.	- <u>- 123-230</u> - 1			
. Memarks. A 1-5 examination of							
. Remarks. V1-2 examination o			 				
. Remarks. V1-2 examination o							
	ade in this report are correct	Certificat	te of Comp	pliance			
We certify that the statements m	7 /	t and this REPLA(CEMENT	Conforms to Section X	I of the ASME	Code.	
	1. Casey ISI	Certifical t and this REPLAC COORDINATOR (Title)	CEMENT	pliance Conforms to Section X 25, 1999	I of the ASME	Code.	
We certify that the statements m. Signed: Sundan	1. Casey ISI	t and this REPLAC COORDINATOR	CEMENT	Conforms to Section X	I of the ASME	Code.	
We certify that the statements m. Signed: Sundan	1. Casey ISI	t and this REPLAC COORDINATOR	CEMENT	Conforms to Section X	I of the ASME	Code.	
We certify that the statements m. Signed: Sundand (Owner or Owner) I, the undersigned, holding a val by The Hartford Steam and Boild Dade. By signing this certificate this report. Furthermore, neithe	lid commission issued by the ler Insurance and Inspection e to the best of my knowledge e neither the inspector nor his employer.	COORDINATOR (Title) Certifica National Board of Co. of Hartford, Cog and belief, this researchers are completed to the control of the complete of the comple	(Date of Inspection) Boiler and connecticut apair or rep	conforms to Section X 25 , 19 99 ection Pressure Vessel Inspectation R placement has been cons	tors and the St EPLACEMEN tructed in acco	ate or Province of Illinois, NT described in this report	t on the ASM
We certify that the statements m. Signed: Sundan (Owner or Owner) I, the undersigned, holding a val by The Hartford Steam and Boilt Dad , 1947 and state Code. By signing this certificate	lid commission issued by the ler Insurance and Inspection e to the best of my knowledge e neither the inspector nor hier the inspector nor his employers.	COORDINATOR (Title) Certifical Rational Board of Co. of Hartford, Coge and belief, this reserved to the cooper shall be liable in the cooper shall be liabl	(Date of Inspecticut epair or repair or repair on any man	conforms to Section X 25 , 19 99 ection Pressure Vessel Inspectation R placement has been cons	tors and the St EPLACEMEN tructed in acco i, concerning to ury or propert	ate or Province of Illinois, NT described in this report ordance with Section XI of the repair or replacement d y damage or a loss of any	t on the ASM

I. Owner: ComEd Company One First Nationa	(Name) I Plaza, Chicago IL, 60690)(Address)				Date:10/25/9)9
Plant: Dresden Nucle	ar Power Station (1	Name)				Sheet: 1 Of	1_
	esden Road, Morris IL., 60					Unit: 2	
. Work Performed By: Same		(Name)			WR Repair (970036006-01 (PLAN Organization P.O. No., Jo	2-99-006) h No. etc.
	as Above	(Address)	,			71 guinamille 2 - 2 - 2 - 2 - 2 - 2 - 2	IV TION CIT.
. Identification of System: 0.							
.(a) Construction Code A (b) Edition of Section XI	SME Section III used for Repair/Replacement	, 19 65 Edition, nt 19 89 Edition,	NO Ac	ddenda, Code Cases Idenda, Code Cases	NONE NONE		
. Identification of Components F					110		
	 	T	T	T*****			,
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Cod Stamp Yes/N
Main Steam 6" Safety Relief Valve	Consolidated	BK 7162	N/A	2-0203-4G	N/A	Replaced	No
Inlet Flange Bolt (1 3/8"-8, A193 Grade B7)	Unknown	Unknown	N/A	2-0203-4G	N/A	Replaced	No
Inlet Flange Hex Nuts (1 3/8"-8 A194 Grade 2H)	Unknown	Unknown	N/A	2-0203-4G	N/A	Replaced	No
Main Steam 6" Safety Relief Valve	Consolidated	BK 6260	N/A	SI #781B41	N/A	Replacement	No
Inlet Flange Bolt (1 3/8"-8, A193 Grade B7)	Unknown	Heat Code NBD	N/A	SI #796D87	N/A	Replacement	No
Inlet Flange Hex Nuts (1 3/8"-8 A194 Grade 2H)	Unknown	Unknown	N/A	SI #760H26	N/A	Replacement	No
							1
Description of work: Replaced of was destroyed during valve restricted: Hydrostatic Remarks: VT-2 examination description of work: Replaced with the properties of the was destroyed during valve restricted.	: [] Pneumatic [] No	iui new materiai.	essure []	Not Applicable [X]		e. Relief valve set point i	<u>s 1260.</u>
							
We certify that the statements ma	ade in this report are correct	Certificate t and this REPLAC!	EMENT	Conforms to Section XI	I of the ASME	: Code.	
Signed: Brendan (Owner or Owner)	l. Casey ISI	COORDINATOR	101	, 25 _{, 19} 99			
(Owner or Owner)	s Designee	(Title)	(Date)			
		Certificate	e of Insp	ection			
, the undersigned, holding a val	id commission issued by the er Insurance and Inspection						
10-26, 1999 and state Code. By signing this certificate this report. Furthermore, neither	neither the inspector nor his r the inspector nor his emplo	s employer makes an oyer shall be liable in	y warran any mar	ity, expressed or implied mer for any personal inju	l, concerning t ury or propert	he repair or replacement d y damage or a loss of any	lescribed in kind
10-26, 19 and state Code. By signing this certificate	neither the inspector nor his r the inspector nor his emplo	0	i aity iliai	ty, expressed or implied ther for any personal injunction of the commissions: IL932, (State of	ury or propert	y damage or a loss of any	lescribed i kind

REPORT OF REPAIR OR REPLACEMENT DAP 11-18 REVISION 08

	y (Name) al Plaza, Chicago IL, 60690) (Address)				Date: 10/25/9) 9
2. Plant: Dresden Nucle	ear Power Station (1	Name)				Sheet: 1 Of	1
	resden Road, Morris IL., 60					Unit: 2	
. Work Performed By: Same		(Name)			WR Repair C	960018790-01 (PLAN Drganization P.O. No., Jo	2-99-007)
	e as Above	(Address)			***p	Againzauon	JU 110. C.
. Identification of System: 0	203 Main Steam						
5.(a) Construction Code A (b) Edition of Section XI	ASME Section III used for Repair/Replacement	, 19 65 Edition,	NO A	ldenda, Code Cases	NONE		
				denda, Code Cases	NONE		
. Identification of Components I	Repaired or Replaced and Re	placement Compon	ents				
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Co Stan Yes
Main Steam 6" Safety Relief Valve	Consolidated	BK 6304	N/A	2-0203-4H	N/A	Replaced	No
Main Steam 6" Safety Relief Valve	Consolidated	BK 6271	N/A	SI #781A41	N/A	Replacement	No
			-				_
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		<u> </u>		L			<u> </u>
. Description of work: Replace	d existing main steam safety	relief valve with re	built and	retested spare assembly	per surveilland	ce. Relief valve set point	is 1240.
							
		ominal Operating P	ressure [Not Applicable [X]			
	c[] Pneumatic[] No	ommar operating r		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
		1035 psig Test T					
. Test Conducted: Hydrostation	Test Pressure <u>1</u>	1035 psig Test T					
. Test Conducted: Hydrostation	Test Pressure <u>1</u>	1035 psig Test T			12021		
. Test Conducted: Hydrostation	Test Pressure <u>1</u>	1035 psig Test T	emperatur	re <u>195-230</u> °F			
. Test Conducted: Hydrostation description of the conducted in the Hydrostation of the Conducted in the Hydrostation of the Hydrostation of the Conducted in the Hydrostation of the Hydro	Test Pressure <u>1</u> during system leakage test.	1035 psig Test T	emperatur	re <u>195-230</u> °F	of the ASMF	· Coda	
. Test Conducted: Hydrostation . Remarks: VT-2 examination d . We certify that the statements m	Test Pressure 1	1035 psig Test T Certificat t and this REPLA(emperatur	pliance Conforms to Section X	I of the ASME	; Code.	
. Test Conducted: Hydrostation . Remarks: VT-2 examination d . We certify that the statements m	Test Pressure 1 during system leakage test.	1035 psig Test T	emperatur	re <u>195-230</u> °F	I of the ASME	: Code.	
. Test Conducted: Hydrostation . Remarks: VT-2 examination d . We certify that the statements m	Test Pressure 1	Certificat t and this REPLAC	emperatur	pliance Conforms to Section X	I of the ASME	; Code.	
. Test Conducted: Hydrostation . Remarks: VT-2 examination d . We certify that the statements m	Test Pressure 1	Certificat t and this REPLAC COORDINATOR (Title)	te of Com CEMENT (Date	pliance Conforms to Section X: 25 , 19 99	I of the ASME	Code.	
Test Conducted: Hydrostatic Remarks: VT-2 examination d We certify that the statements m Signed: Signed (Owner or Owner) I, the undersigned, holding a value by The Hartford Steam and Boil and State Code. By signing this certificate this report. Furthermore, neither	Test Pressure 1 turing system leakage test. That it is report are correct in this report are correct in the specific property in the system leakage test. Is it is the system leakage test. Is it is considered in this report in the system leakage test. Is it is considered in the system leakage test. Is it is considered in the system leakage test. Is it is considered in the system leakage test.	Certificat t and this REPLAC COORDINATOR (Title) Certificat c National Board of Co. of Hartford, Co ge and belief, this re	te of Compensation (Date of Insp.) Boiler and connecticute op in or repair o	pliance Conforms to Section X. 25 , 19 99 ection Pressure Vessel Inspect having inspected the R. placement has been consulted to the placement as been consulted to the placement as been consulted to the placement has been consulted to the plac	tors and the St EPLACEME tructed in acco	ate or Province of Illinois, NT described in this repor ordance with Section XI of	t on the ASM
Test Conducted: Hydrostatic Remarks: VT-2 examination d We certify that the statements m Signed: Gwner or Owner I, the undersigned, holding a value by The Hartford Steam and Boil of the certificate code. By signing this certificate	Test Pressure 1 turing system leakage test. That it is report are correct in this report are correct in the specific property in the system leakage test. Is it is report are correct in the least of my knowledge in the lest of my knowledge in the inspection nor his employer the inspection.	Certificat t and this REPLAC COORDINATOR (Title) Certificat National Board of Co. of Hartford, Coge and belief, this reis employer makes a oyer shall be liable in the control of the con	te of Composite of Inspection	pliance Conforms to Section X. 25 , 19 99 ection Pressure Vessel Inspect having inspected the R. placement has been consulted to the placement as been consulted to the placement as been consulted to the placement has been consulted to the plac	tors and the St EPLACEME tructed in acco d, concerning t ury or propert	ate or Province of Illinois, NT described in this repor ordance with Section XI of the repair or replacement of ty damage or a loss of any	t on the ASM

DAP 11-18 REVISION 08

· ····· Dracdon Niuolo		(Address)				Sheet: 1 Of_	1_
Plant: Dresden Nuclei 6500 North Dresden	ear Power Station (1 resden Road, Morris IL., 60	Name) 0450 (Address)				Unit: 2	
B. Work Performed By:Same	e as Above (Name)			wr	970036008-01 (PLAN 2	- <u>99-008)</u>
Same	e as Above	(Address)			Repair C	Organization P.O. No., Job	No. etc.
. Identification of System: 03	203 Main Steam						
(a) Construction Code A	ASME Section III used for Repair/Replacement	, 19 <u>65</u> Edition,	NO Ac	ldenda, Code Cases	NONE		
				denda, Code Cases	NONE	•	
. Identification of Components R	Repaired or Replaced and Re	placement Compor	ents				
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamp Yes/N
Main Steam 6" Safety Relief Valve	Consolidated	BK 7162	N/A	2-0203-4E	N/A	Replaced	No
W. C. (B.C. D.)							
Main Steam 6" Safety Relief Valve	Consolidated	BK 6290	N/A	SI #781C41	N/A	Replacement	No
			-		_		-
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All I							
							<u> </u>
	<u> </u>		• ••	<u> </u>			<u> </u>
Description of work: Replace	d existing main steam safety	ICIOI VALLE VILLE	Duill airu	retested spare assembly	per surveman	ce. Relief valve set point is	1260.
. Description of work: Replace	d existing main steam safety						
						WB	
. Description of work: Replaced Test Conducted: Hydrostatic	c[] Pneumatic[] No	ominal Operating P	ressure []	Not Applicable [X]		100	
Test Conducted: Hydrostatic	c[] Pneumatic[] No	ominal Operating P	ressure []				
	c[] Pneumatic[] No	ominal Operating P	ressure []	Not Applicable [X]			
Test Conducted: Hydrostatic	c[] Pneumatic[] No	ominal Operating P	ressure []	Not Applicable [X]			
Test Conducted: Hydrostation Remarks: VT-2 examination d	c [] Pneumatic [] No Test Pressure 1 luring system leakage test.	ominal Operating P 035 psig Test 1	ressure []	Not Applicable [X] e 195-230 °F		i Code	
Test Conducted: Hydrostatic	Test Pressure 1	ominal Operating P 035 psig Test 1 Certificat and this REPLA	ressure [] emperatur te of Components	Not Applicable [X] e 195-230 °F pliance Conforms to Section X		: Code.	
Test Conducted: Hydrostatic Remarks: VT-2 examination de We certify that the statements management	Test Pressure 1 Uring system leakage test. Test Pressure 1 Uring system leakage test.	ominal Operating P 035 psig Test 1	ressure [] emperatur te of Components	Not Applicable [X] e 195-230 °F		Code.	
Test Conducted: Hydrostatic Remarks: VT-2 examination de We certify that the statements many signed: Bundan	Test Pressure 1 Uring system leakage test. Test Pressure 1 Uring system leakage test.	ominal Operating P 035 psig Test 1 Certificat and this REPLAC	ressure [] emperatur te of Components	Not Applicable [X] e 195-230 °F pliance Conforms to Section X		Code.	
Test Conducted: Hydrostatic Remarks: VT-2 examination de We certify that the statements many signed: Bundan	Test Pressure 1 Uring system leakage test. Test Pressure 1 Uring system leakage test.	Certificat and this REPLAC	ressure [] te of Comperator CEMENT (Date	Not Applicable [X] e 195-230 °F pliance Conforms to Section X 25 , 19 99		Code.	
Test Conducted: Hydrostation Remarks: VT-2 examination d We certify that the statements m Signed: Sundan (Owner or Owner I, the undersigned, holding a val by The Hartford Steam and Boil (D Ab, 19 41 and state Code. By signing this certificate this report. Furthermore, neithe	Test Pressure 1 turing system leakage test. Test Pressure 1 turing system leakage test. Indee in this report are correct Lusy ISI 's Designee' Isi Commission issued by the ler Insurance and Inspection to the best of my knowledge to neither the inspector nor his ert the inspector nor his empler	Certificat and this REPLACE COORDINATOR (Title) Certificate National Board of Co. of Hartford, Coge and belief, this resemplayer makes	te of Compensation (Date of Inspection) Boiler and connecticut pair or republic	Not Applicable [X] e 195-230 °F pliance Conforms to Section X (25 , 19 99 ection Pressure Vessel Inspectation in the property of the Residue of the Re	tors and the St	ate or Province of Illinois, on NT described in this report ordance with Section XI of the section XI	on he ASMI
Test Conducted: Hydrostatic Remarks: VT-2 examination d We certify that the statements m Signed: Gwner or Owner (Owner or Owner)	Test Pressure 1 turing system leakage test. Indeed in this report are correct Lusy ISI 's Designee' Isi Commission issued by the ler Insurance and Inspection e to the best of my knowledge e neither the inspector nor his emple this inspection.	Certificat and this REPLACE COORDINATOR (Title) Certificate National Board of Co. of Hartford, Co. and belief, this resembly employer makes a coper shall be liable	te of Compensation (Date of Inspection) Boiler and connecticut pair or rejuny warran in any mar	Not Applicable [X] e 195-230 °F pliance Conforms to Section X (25 , 19 99 ection Pressure Vessel Inspectation in the property of the Residue of the Re	tors and the St	ate or Province of Illinois, on NT described in this report ordance with Section XI of the section XI	on he ASMI

1. Owner: ComEd Compan One First Nation	ny (Name) nal Plaza, Chicago IL, 60690) (Address)				Date: 1/3/20	00_
2. Plant: Dresden Nucl	lear Power Station	(Name)				Sheet: 1 Of	_5_
6500 North D	Oresden Road, Morris IL., 60	0450 (Address)				Unit: 2	
3. Work Performed By: Ger	neral Electric (Name)			WR	980113512 (PLAN 2-	99-009)
 -	ne as Above	(Address)			Керап	Organization P.O. No.,	Job No. etc.
4. Identification of System:	0300 Control Rod Drive						
5.(a) Construction Code	ASME Section III, II used for Repair/Replacement	19 65 Edition, 1	W65 A	ddenda, Code Cases 1	335-2, 1361,	1352	
6. Identification of Components				idenda, Code Cases	NONE		
	Trepaned of Replaced Line 1	piacement compone	ints			<u> </u>	
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Control Rod Drive	General Electric	A6672 -	*	Location B04	1994	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location B04	N/A	Replaced	No
Control Rod Drive	General Electric	A5282	*	SI #786D53		Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code U6G	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	A3791	*	Location C04	1	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location C04	N/A	Replaced	No
Control Rod Drive	General Electric	A6520	*	SI #786D53		Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code CCP	N/A	SI #808E09	N/A	Replacement	No
7. Description of work: Replace Cap screws that were removed we have the Replace Cap screws that were removed we have conducted: Hydrostate Remarks: VT-2 examination Request PR-18. One of the flange compable as is per ASME Non-	ic [] Pneumatic [] No Test Pressure 10 performed during system leal	ominal Operating Pre	essure [X	Not Applicable []	ne information		
We certify that the statements n Signed: Brendan (Owner or Owner)	nade in this report are correct J. Casey ISI (F's Designee)	Certificate and this REPLACI COORDINATOR (Title)	EMIENT	Conforms to Saction VI	I of the ASME	Code.	
I, the undersigned, holding a va	alid commission issued by the	Certificate	Pailar and	Dragoura Massal Year	d sho Su	D. Start AFRIL	
	te to the best of my knowledge te neither the inspector nor his er the inspector nor his emplo	e and belief, this repair e employer makes and oyer shall be liable in	nnecticut air or rep ay warran a any man	having inspected the RI placement has been consi ty, expressed or implied ther for any personal init	EPLACEMEN tructed in acco l, concerning the ury or property	NT described in this report rdance with Section XI of the repair or replacement of the repair or a loss of any part of the repair or a loss of any part of the repair or a loss of any part of the repair or a loss of any part of the repair of	t on the ASME
Date: 1-6-00 Inspec	ctor:	w// far	My	Commissions: IL932,	NB7742NISB or Province, N	ational Board)	

FORM NIS-2 SUPPLEMENT DAP 11-18 OWNER'S REPORT OF REPLACEMENT SUPPLEMENTAL SHEET REVISION 08

1. Owner: ComEd Company (Name) One First National Plaza, Chicago IL, 60690 (A	address)	Date: 11/9/99
2. Plant: Dresden Nuclear Power Station (Name)		Sheet: 2 Of 5
6500 North Dresden Road, Morris IL., 60450	_ (Address)	Unit:2
3. Work Performed By: General Elecctric	(Name) WR 980113512 (PLAN 2-99-000	
Same as Above	Repair Organization P.O. No., Job (Address)	No. etc.
4. Identification of System:0300 Control Rod Drive		
5. (a) Construction Code ASME Section III , 19	9 65 Edition, W65 Addenda, Code Cases 1335-2, 1361, 1352	

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

FORM NIS-2 SUPPLEMENT DAP 11-18 OWNER'S REPORT OF REPAIR OR REPLACEMENT SUPPLEMENTAL SHEET REVISION 08

1. Owner: ComEd Company (Name) One First National Plaza, Chicago IL, 60690 (Address)	Date: 11/9/99
6500 North Dresden Road Marris II. 60450	Sheet: <u>3</u> Of <u>5</u> Unit: 2
3. Work Performed By: General Elecctric (Name) WR 980113512 (PLAN 2-99-009) Repair Organization P.O. No. Job No.	
Same as Above (Address) 4. Identification of System: 0300 Control Rod Drive	,. die.
5. (a) Construction Code ASME Section III . 19 65 Edition, W65 Addenda, Code Cases 1335-2, 1361, 1352 (b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Case NONE	

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

FORM NIS-2 SUPPLEMENT DAP 11-18 OWNER'S REPORT OF REPAIR OR REPLACEMENT SUPPLEMENTAL SHEET REVISION 08

1. Owner: ComEd Company (Name) One First National Plaza, Chicago IL, 60690 (Address)	Date:11/9/99
2. Plant: Dresden Nuclear Power Station (Name) 6500 North Dresden Road, Morris IL., 60450 (Address)	Sheet: <u>4</u> Of <u>5</u>
3. Work Performed By: General Elecctric (Name)	Unit: 2 WR 980113512 (PLAN 2-99-009)
Same as Above (Address)	Repair Organization P.O. No., Job No. etc.
4. Identification of System: 0300 Control Rod Drive	
5. (a) Construction Code ASME Section III , 19 65 Edition, W65	Addenda, Code Cases _1335-2, 1361, 1352

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd	Other	Yr	Repair,	Code
· · · · · · · · · · · · · · · · · · ·		Scriat 110.	No	ID	Blt	Replaced or Replacement	Stamp Yes/N
Control Rod Drive	General Electric	118	*	Location P07	1967	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location P07	N/A	Replaced	No
Control Rod Drive	General Electric-	A6659	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	1541	*	Location R08	1967	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location R08	N/A	Replaced	No
Control Rod Drive	General Electric	A5527	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	272	*	Location E14	1967	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location E14	N/A	Replaced	No
Control Rod Drive	General Electric	A5309	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	A8525	*	Location F06	1988	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location F06	N/A	Replaced	No
Control Rod Drive	General Electric	A6543	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	931	*	Location G09	1969	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location G09	N/A	Replaced	No
Control Rod Drive	General Electric	A5158	*	SI #786D53	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL and NME	N/A	SI #808E09	N/A	Replacement	No
Control Rod Drive	General Electric	A8255	*	Location J13	1986	Replaced	Yes
ontrol Rod Drive Flange ap Screws	Unknown	Unknown	N/A	Location J13	N/A	Replaced	No
ontrol Rod Drive	General Electric	A5221	*	SI #786D53	1983	Replacement	Yes
ontrol Rod Drive Flange ap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement	No

FORM NIS-2 SUPPLEMENT OWNER'S REPORT OF REPAIR OR REPLACEMENT SUPPLEMENTAL SHEET DAP 11-18 REVISION 08

1. Owner: ComEd Company One First National	(Name) Plaza, Chicago IL, 60690	(Address)					Date: _	11/9/99
2. Plant: <u>Dresden Nuclea</u>		ıme)					Sheet: _ Unit: _	5 Of <u>5</u>
3. Work Performed By: General Same a	al Elecctric s Above	(Name) (Address)				(PLAN 2-99-009) on P.O. No., Job N	,	
4. Identification of System: 030	0 Control Rod Drive							
(a) Construction Code A (b) Edition of Section XI 6. Identification of Components R	SME Section III used for Repair/Replacement epaired or Replaced and Re			_ Addenda, Code Cases _ _ Addenda, Code Case _	1335-2, 13 NONI	61, 1352	_	
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No.	Other ID	Yr Blt	Repair, Replaced o Replacemen		Code Stamped Yes/No
Control Rod Drive	General Electric	A4054	*	Location P12	1992	Replaced		Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	·Location P12	N/A	Replaced		No
Control Rod Drive	General Electric.	A6529	*	SI #786D53	1983	Replacement		Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code MZL	N/A	SI #808E09	N/A	Replacement		No

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

1. Owner:	One First Nation	y (Name) nal Plaza, Chicago IL, 60690	(Address)				Date: 10/27/	99
2. Plant: _	Dresden Nucle	ear Power Station (N	Name)				Sheet: 1 Of	1
		resden Road, Morris IL., 60	1450 (Address)				Unit: 2	
3. Work Peri			Name)			WR Repair C	. 980043710-01 (PLAN Organization P.O. No., J	2-99-010)
			(Address)			icpan (Figanization F.O. 190., J	ob No. etc.
5.(a) Co (b) Eo	onstruction Code Idition of Section XI	1100 Standby Liquid Control USAS B31.1.0/ASME Section I used for Repair/Replacemen Repaired or Replaced and Re	n VIII , 19 67/65 nt 19 89 Edition,	NO Ad	, <u>NO/NO</u> Addenda, Idenda, Code Cases	Code Cases NONE	NONE	_
Co	Name of omponent	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Bit	Repair, Replaced or Replacement	Cod Stamp Yes/i
Pulsation Da	or) for Standby	Greer Hydraulics	Unknown	N/A	2-1107A	N/A	Replaced	Мо
Locking Rin Pulsation Da (Accumulate Liquid Cont	ampener or) for Standby	Quality Hydraulics and Pnuematics	Unknown	N/A	SI #708D75	N/A	Replacement	No
Description Test Condu		ed existing locking ring (whice					LC accumulator.	
Remarks: 1 hen it is insta	No leakage noted di alled on system.	Test Pressure _h	N/A psig Test			ination will be j	performed on accumulato	r assembly
We certify the Signed :	nat the statements m MMdan (Owner or Owner	nade in this report are correct . Lusuy ISI (and this REPLAC	te of Comp CEMENT /0/2 (Date)	Conforms to Section X	I of the ASME	Code.	
	r war ar a		Certifica	te of Inspe	ootion			
Or27 Code. By sign this report. I	, 19 <u>97</u> and state gning this certificate Furthermore, neither	alid commission issued by the ler Insurance and Inspection (te to the best of my knowledge en neither the inspector nor his err the inspector nor his emplothis inspection.	National Board of Co. of Hartford, Co e and belief, this re employer makes a ever shall be liable i	Boiler and onnecticut l pair or rep my warran	Pressure Vessel Inspect having inspected the R placement has been con- ty, expressed or implies	structed in acco d, concerning to	NT described in this report ordance with Section XI of the repair or replacement	rt on f the ASME

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

(b) Edition of Section XI used for Repair/Replacement 1938 Edition, No. Addenda, Code Cases N-416-1 6. Identification of Components Repaired or Replaced and Replacement Components Name of Components Repaired or Replaced and Replacement Components	1. Owner: ComEd Company One First Nationa	(Name) 1 Plaza, Chicago IL, 60690	(Address)				Date: 10/26/9	9
Repair Organization F.O. No. Job No. Same as Above	2. Plant: Dresden Nuclea	ar Power Station (1	Name)				Sheet: 1 Of	1
Same as Above (Address) Repair Organization F.O. No., Job No. Identification of System: 1100 Sandby Liquid Control (a) Construction Code USAS 831.1.0 19.67 Edition, NO. Addenda, Code Cases NONE (b) Edition of Section XI used for Repulsreplacement [9.39] Edition, NO. Addenda, Code Cases NONE (b) Edition of Section XI used for Repulsreplacement [9.39] Edition, NO. Addenda, Code Cases NONE Name of Components Name of Components Name of Manufacturer Mfs. Nat Debt Programment Components Name of Serial No. Nat ID Bit Replaced or Serial No. No Replaced or Serial No. No No Replaced No Replacement Y No No No Replacement Y No No Replaced No Replacement Y No No No Replacement Y No			0450 (Address)				Unit: 2	
Montification of System: 100 Standby Liquid Control 19 67 Edition, NO Addenda, Code Cases NONE	- ·		(Name)			WR Penair (980117623-01 (Plan 2-9	9-011)
Construction Code USAS B11.1.0 Construction Code USAS B11.1.0 Edition of Section XI used for Repair/Replacement 19.89 Edition. NO Addenda, Code Cases NONE Name of Components Repaired or Replaced and Replacement Components Name of Manufacturer Mfrs. Bard Dubr Yr Repair Replacement Serial No. Bard Dubr Yr Repair Replaced or Replacement Components Name of Component Name of Manufacturer Mfrs. Bard Dubr Yr Repair Replaced or Replacement Serial No. Bard Dubr Yr Repair Replacement Serial No. Bard Of Bolier Insurance and Inspection Co. of Hartford, Connecticut having inspected the Replacement Replacement Serial No. Add Dubr Yr Repair Replacement Serial No. Add Dubr Yr Repair Repair Replacement Repla			•			керап	Organization P.O. No., J	ob No. e
Name of Component Name of Manufacturer Mffs. Nat Other JYr Replaced or Replaced and Replacement Component Serial No. No ID Bit Replaced or Serial No. No ID Bit Replaced or Serial No. No ID Bit Replaced or Serial No. Serial No. No ID N	4. Identification of System:1	100 Standby Liquid Contro	1					
Name of Components Repaired or Replaced and Replacement Components Name of Component	5.(a) Construction Code U	SAS B31.1.0	, 19 <u>67</u> Edition,	NO Ac	ldenda, Code Cases			
Name of Component Name of Manufacturer Serial No. Brd Dr Brt Replaced or Replacement Serial No. Brd Dr Brt Replaced or Replacement Serial No. N/A 2-1101-43B N/A Replaced or No. N/A Problemant Seal Weld No. Description of work: Removed existing seal weld to gain access to valve internals for check valve inspection and rewelded seal weld upon reassembly of valve. Description of work: Removed existing seal weld to gain access to valve internals for check valve inspection and rewelded seal weld upon reassembly of valve. Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X] Not Applicable [] Test Pressure 1050 prig Test Temperature 80 "F Remarks: VT-2 examination performed during SBLC operating surveillance on 10/12/90, no leakage noted. Certificate of Compliance Certificate of Compliance Control of the ASME Code. Signed: Certificate of Inspection Line undersigned, bolding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Horiford Stem and Boiler insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on Associate and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME in the undersigned, bolding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Horiford Stem and Boiler insurance and Inspection Co. of Hartford, Conneccicut having inspected the REPLACEMENT described in this report on Associate the inspection on the employer shall be lable in any manner for any personal injury or property damage or a loss of any knowledge and belief, this repair or replacement last been constructed in accordance with Section XI of the ASME Code. By againg lists errificate the inspection on the employer shall be liable in any manner for any personal injury or property damage or a loss of any knowl					denda, Code Cases	N-416-1		
Component Seral No. Brd ID Brd Replaced or Replaced or Replaced or Replaced or Replaced or September 1 of Replaced or September 2 of Replaced Or September	b. Identification of Components R	epaired or Replaced and Re	eplacement Compor	nents				
Serial No. Brd ID Bit Replaced or Replacement Y St. Replaced No. No. No. 2-1101-43B N/A Replaced No. No. No. 2-1101-43B N/A Replaced No. No. Replaced No. No. No. 2-1101-43B N/A Replaced N/A Replaced No. 2-1101-43B N/A Replaced No. 2-1101-43B N/A Replaced No. 2-1101-43B N/A Replaced N/A Replaced No. 2-1101-43B N/A Replaced No. 2-1101-43B N/A Replaced N/A Replace		Name of Manufacturer						С
Pump Discharge Check Valve Body-to-Bornet Seal Weld Description of work: Removed existing seal weld to gain access to valve internals for check valve inspection and rewelded seal weld upon reassembly of valve. Description of work: Removed existing seal weld to gain access to valve internals for check valve inspection and rewelded seal weld upon reassembly of valve. Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X] Not Applicable [] Test Pressure 1050 psig			Serial INO.	1	ID	Blt	Replaced or	Sta Ye
Description of work: Removed existing seal weld to gain access to valve internals for check valve inspection and rewelded seal weld upon reassembly of valve. Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X] Not Applicable [] Test Pressure 1050 psig Test Temperature 80 °F Remarks: VT-2 examination performed during SBLC operating surveillance on 10/12/99, no leakage noted. Certificate of Compliance Certificate of Inspection XI of the ASME Code. Signed: Laway Signing Institute of Compliance (Owner or Owner's Designee) 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, employe by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on Code. By signing this certificate neither the inspector on his employer makes any warrany, expressed or implied, concerning the repair or replacement described in this report on this employer shall be liable in any manner for any personal injury or property damage or a loss of any kind	2B Standby Liquid Control Pump Discharge Check Valve	Hancock	Unknown	N/A	2-1101-43B	N/A	Replaced	
Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X] Not Applicable [] Test Pressure 1050 psig Test Temperature 80 °F Remarks: VT-2 examination performed during SBLC operating surveillance on 10/12/99, no leakage noted. Certificate of Compliance We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code. Signed: Bull Owner or Owner's Designee) ISI COORDINATOR 10/26 , 19 99 (Owner or Owner's Designee) Certificate of Inspection 1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employe by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on Code. By signing fits certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described arising from or connected with this inspection.	Body-to-Bonnet Seal Weld	-						
Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X] Not Applicable [] Test Pressure 1050 psig Test Temperature 80 °F Remarks: VT-2 examination performed during SBLC operating surveillance on 10/12/99, no leakage noted. Certificate of Compliance We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code. Signed: Bull Owner or Owner's Designee) ISI COORDINATOR 10/26 , 19 99 (Owner or Owner's Designee) Certificate of Inspection 1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employe by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on Code. By signing fits certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described arising from or connected with this inspection.				 				-
Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X] Not Applicable [] Test Pressure 1050 psig Test Temperature 80 °F Remarks: VT-2 examination performed during SBLC operating surveillance on 10/12/99, no leakage noted. Certificate of Compliance We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code. Signed: Signed: Signed: Signed: 151 COORDINATOR 10/26 , 19 99 (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, employer Designee (Date) (Date) Certificate of Inspection Inspection (Date) (Da				1				
Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X] Not Applicable [] Test Pressure 1050 psig Test Temperature 80 °F Remarks: VT-2 examination performed during SBLC operating surveillance on 10/12/99, no leakage noted. Certificate of Compliance We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code. Signed: Signed: Signed: Signed: 151 COORDINATOR 10/26 , 19 99 (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, employer Dakes of the National 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.				 				-
Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X] Not Applicable [] Test Pressure 1050 psig Test Temperature 80 °F Remarks: VT-2 examination performed during SBLC operating surveillance on 10/12/99, no leakage noted. Certificate of Compliance We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code. Signed: Signed: Signed: Signed: 151 COORDINATOR 10/26 , 19 99 (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, employer Dakes of the National 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.				+				-
Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X] Not Applicable [] Test Pressure 1050 psig Test Temperature 80 °F Remarks: VT-2 examination performed during SBLC operating surveillance on 10/12/99, no leakage noted. Certificate of Compliance We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code. Signed: Bull Owner or Owner's Designee) ISI COORDINATOR 10/26 , 19 99 (Owner or Owner's Designee) Certificate of Inspection 1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employe by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on Code. By signing fits certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described arising from or connected with this inspection.				 				
Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X] Not Applicable [] Test Pressure 1050 psig Test Temperature 80 °F Remarks: VT-2 examination performed during SBLC operating surveillance on 10/12/99, no leakage noted. Certificate of Compliance We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code. Signed: Bull of the ASME Code. Signed: 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, employer by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on Code. By signing fits certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described arising from or connected with this inspection.				 				
Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X] Not Applicable [] Test Pressure 1050 psig Test Temperature 80 °F Remarks: VT-2 examination performed during SBLC operating surveillance on 10/12/99, no leakage noted. Certificate of Compliance We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code. Signed: Bull of the ASME Code. Signed: 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, employer by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on Code. By signing fits certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described arising from or connected with this inspection.	**************************************			ļ				
Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X] Not Applicable [] Test Pressure 1050 psig Test Temperature 80 °F Remarks: VT-2 examination performed during SBLC operating surveillance on 10/12/99, no leakage noted. Certificate of Compliance We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code. Signed: Signed: Signed: Signed: 151 COORDINATOR 10/26 , 19 99 (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, employer Designee (Date) (Date) Certificate of Inspection Inspection (Date) (Da								
Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X] Not Applicable [] Test Pressure 1050 psig Test Temperature 80 °F Remarks: VT-2 examination performed during SBLC operating surveillance on 10/12/99, no leakage noted. Certificate of Compliance We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code. Signed: Graduary Specificate of Inspection (Owner or Owner's Designee) Signed (Title) (Date) Certificate of Inspection (In the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employs of the Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPLACEMENT described in this report on Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described his 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 vising from or connected with this inspection.								
Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X] Not Applicable [] Test Pressure 1050 psig Test Temperature 80 °F Remarks: VT-2 examination performed during SBLC operating surveillance on 10/12/99, no leakage noted. Certificate of Compliance We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code. Signed: Signed: Signed: Signed: 151 COORDINATOR 10/26 , 19 99 (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, employer Dakes of the National 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.	. Description of work: Removed	d existing seal weld to gain:	access to valve inte	rnale for al	ogle value in a			
Test Pressure 1050 psig Test Temperature 80 °F Remarks: VT-2 examination performed during SBLC operating surveillance on 10/12/99, no leakage noted. Certificate of Compliance We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code. Signed: Signed	-			11413 101 01	icek valve hispection an	d reweided se	al weld upon reassembly	of valve.
Test Pressure 1050 psig Test Temperature 80 °F Remarks: VT-2 examination performed during SBLC operating surveillance on 10/12/99, no leakage noted. Certificate of Compliance We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code. Signed: Signed	Test Conducted: Hydroctatio	[] Province to 2 27						
Remarks: VT-2 examination performed during SBLC operating surveillance on 10/12/99, no leakage noted. Certificate of Compliance We certify that the statements made in this report are correct and this REPLACEMENT Conforms to Section XI of the ASME Code. Signed: Signed	119drostatic							
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: Signe	D. I Ima							
Certificate of Inspection In 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 and State to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASM 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 and All All All All All All All All All Al	Remarks: V1-2 examination pe	rformed during SBLC oper	ating surveillance of	n 10/12/99	, no leakage noted.			
Certificate of Inspection In 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 and State to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASM 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 and All All All All All All All All All Al							- <u></u>	
Certificate of Inspection In 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 and State to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASM 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 and All All All All All All All All All Al						· · · · · · · · · · · · · · · · · · ·		
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 Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described arising from or connected with this inspection. All All All All All All All All All Al			Contitions		Mance			
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 Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described arising from or connected with this inspection. And Algorithm	We certify that the statements ma	de in this report are correct	Certificat and this REPLAC	e of Comp EMENT	Conforms to Section X	of the ASME	Code.	
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 A. 19 4 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASM this report. Furthermore, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described arising from or connected with this inspection.	Signed: Drendan	· Clescer isi	and this REPLA	EMENT	Conforms to Section X	of the ASME	Code.	
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 A.6., 19 47 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASM this report. Furthermore, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described arising from or connected with this inspection.	Signed: Drendan	· Clescer isi	and this REPLAC	EMENT	Conforms to Section X	of the ASME	Code.	
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 A. 19 4 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASM this report. Furthermore, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described arising from or connected with this inspection.	Signed: Drendan	· Clescer isi	and this REPLAC	EMENT	Conforms to Section X	of the ASME	Code.	
The state of the state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASM this report. Furthermore, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described arising from or connected with this inspection.	Signed: Drendan	· Clescer isi	and this REPLA(COORDINATOR (Title)	IO/2 (Date)	Conforms to Section XI 6 , 19 <u>99</u>	of the ASME	Code.	
Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described arising from or connected with this inspection. All All All All All All All All All Al	Signed: Durdan (Owner or Owner's	Designee) ISI (COORDINATOR (Title) Certifica	(Date)	Conforms to Section XI 6 , 19 99 ection	***		
arising from or connected with this inspection.	(Owner or Owner's	d commission issued by the	COORDINATOR (Title) Certifica National Board of	(Date) te of Inspe	Conforms to Section XI	ors and the Sta	ate or Province of Illinois,	employe
a so No and Mart I form	I, the undersigned, holding a valid by The Hartford Steam and Boile A6, 19 47 and state Code. By signing this certificate	d commission issued by the r Insurance and Inspection (to the best of my knowledge peither the inspector nor big	COORDINATOR (Title) Certifica National Board of Co. of Hartford, Co. e and belief, this re	(Date) te of Inspection to pair or rep	Conforms to Section XI , 19 99 ection Pressure Vessel Inspect the RI lacement has been cons	ors and the Sta EPLACEMEN tructed in accor	ate or Province of Illinois, VT described in this report	ton the ASM
	I, the undersigned, holding a valid by The Hartford Steam and Boile A. 1947 and state Code. By signing this certificate this report. Furthermore, neither	d commission issued by the r Insurance and Inspection (to the best of my knowledge neither the inspector nor his the inspector por his employee.	COORDINATOR (Title) Certifica National Board of Co. of Hartford, Co. e and belief, this re	(Date) te of Inspection to pair or rep	Conforms to Section XI , 19 99 ection Pressure Vessel Inspect the RI lacement has been cons	ors and the Sta EPLACEMEN tructed in accor	ate or Province of Illinois, VT described in this report	on the ASM

1. Owner: ComEd Company One First Nationa	(Name) Il Plaza, Chicago IL, 60690	(Address)				Date:11/4/9	9
2. Plant: Dresden Nucle	ar Power Station (1	Name)				Sheet: 1 Of	1
	esden Road, Morris IL., 60)450 (Address)				Unit:2_	
3. Work Performed By: Same	,	Name)			WR Renair C	970095983-01 (PLAN Organization P.O. No., Jo	2-99-012)
· · · · · ·		(Address)			Nepan C	ngainzation F.O. 110., J	OD NO. etc.
4. Identification of System: 0							
	used for Repair/Replacemer	nt 19 <u>89</u> Edition,	NO Ad	denda, Code Cases Idenda, Code Cases	NONE NONE	•	
6. Identification of Components F	Repaired or Replaced and Re	placement Compon	ients				
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Electromatic Relief Valve	Consolidated Dresser	BK 7080	N/A	2-0203-3C	N/A	Replaced	No
	-						
Electromatic Relief Valve	Consolidated Dresser	BX00294	N/A	SI #809F19	N/A	Replacement	No
			<u> </u>				
7. Description of work: Replacements and rebuilt.	Acced existing Electomatiic	relief valve with	regbuilt a	and retested spare per	surveillance.	Removed valve will be	tested per IS
8. Test Conducted: Hydrostatio	Pneumatic [] No	ominal Operating Pr	ressure [X] Not Applicable []	1		
	Test Pressure <u>1</u>	035 psig Test T	'emperatur	e <u>195-230</u> °F			
9. Remarks: VT-2 examination d	uring system leakage test on	10/23/99, no leaka	ge noted.				
							
		Certificat	te of Com	19			
We certify that the statements m	ade in this report are correct	and this REPLAC	CEMENT	Conforms to Section X	I of the ASME	Code.	
Signed: Dundan (Owner or Owner)	s Designed ISI	COORDINATOR (Title)		, 19 <u>99</u>			
			— (Dute	,			
							
I, the undersigned, holding a value by The Hartford Steam and Boile 1997 and state Code. By signing this certificate this report. Furthermore, neither arising from or connected with the Date: 11-4-99 Inspect	to the best of my knowledge e neither the inspector nor his r the inspector nor his emplo his inspection.	National Board of Co. of Hartford, Co te and belief, this re	onnecticut epair or rep iny warran in any man	Pressure Vessel Inspecthaving inspected the Rolacement has been constitutional to the constitution of the	EPLACEMEN structed in acco i, concerning to jury or propert	NT described in this report rdance with Section XI of the repair or replacement of y damage or a loss of any	t on f the ASME

1. Owner: ComEd Company One First Nationa	(Name) al Plaza, Chicago IL, 60690	(Address)				Date: 11/1/99	9
2. Plant: Dresden Nucle	ear Power Station (N	Name)				Sheet: 1 Of	1
6500 North Dr	resden Road, Morris IL., 60)450 (Address)				Unit:2_	
3Work Performed By: Same	e as Above (I	Name)			WR Repair (R 970095982-01 (PLAN Organization P.O. No., Jo	2-99-013)
Same	e as Above	(Address)			Керан	ngaluzation F.O. No., A	on ino. etc.
4. Identification of System: 0	203 Main Steam						
5.(a) Construction Code A (b) Edition of Section XI	ASME Section III , used for Repair/Replacemen	19 65 Edition, nt 19 89 Edition,	NO Ad	ddenda, Code Cases idenda, Code Cases	NONE NONE		
6. Identification of Components F	Repaired or Replaced and Re	placement Compon	ients				
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd . No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Electromatic Relief Valve	Consolidated Dresser	BK 7052	N/A	2-0203-3E	N/A	Replaced	No
Electromatic Relief Valve	Consolidated Dresser	BX00295	N/A	SI #809F19	N/A	Replacement	No
		ļ					
			<u> </u>	<u> </u>			
7. Description of work: Replace and rebuilt.	ed existing Electromatic relie	f valve with regbui	lt and rete	sted spare per surveillan	ice. Removed	valve will be tested per IS	ST requirement
Test Conducted: Hydrostation Remarks: <u>VT-2 examination decomposition</u>	ic [] Pneumatic [] No Test Pressure 1 during system leakage test on	1035 psig Test T	remperatur	re <u>195-230</u> °F			
		 					
We certify that the statements m Signed: Brendan	1 ()	Certificate and this REPLAC		pliance Conforms to Section XI	I of the ASME	E Code.	
(Owner or Owner	s Designee)	(Title)	(Date	, , , , , , , , , , , , , , , , , , , ,			

		Certifica	ate of Insp	ection			
I, the undersigned, holding a value by The Hartford Steam and Boil 11-2. 1997 and state Code. By signing this certificate this report. Furthermore, neither arising from or connected with the Date: 11-2-99 Inspection	ifer Insurance and Inspection te to the best of my knowledge te neither the inspector nor his er the inspector nor his emple this inspection	Co. of Hartford, Coge and belief, this re is employer makes a oyer shall be liable i	onnecticut epair or rep any warran in any mar	having inspected the Ri placement has been cons nty, expressed or implied	EPLACEME structed in acco d, concerning t jury or propert	INT described in this report ordance with Section XI of the repair or replacement of the damage or a loss of any	rt on f the ASME described in

CAIEGORY 3

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

1. Owner: ComEd Compan One First Nation	(Name) nal Plaza, Chicago IL, 60690) (Address)				Date:10/27/9	
2. Plant: <u>Dresden Nucl</u>	lear Power Station (1 Presden Road, Morris IL., 6	Name)				Sheet: 1 Of	1_
3. Work Performed By: San		Name)				Unit: 2	
	ne as Above	•			Repair (980051165-01 (PLAN Organization P.O. No., Jo	2-99-014) b No. etc.
I. Identification of System:		(Address)					
		10.60 Edition	NO. A.				
(b) Edition of Section X	I used for Repair/Replacement	nt 19 89 Edition,	NO Ad	ldenda, Code Cases ldenda, Code Cases	NONE NONE		
. Identification of Components	Repaired or Replaced and Re	eplacement Compon	ents				
Name of	Name of Manufacturer	Mfrs.	Nat	Other	Yr	Repair,	Co
Component Target Rock Relief Valve		Serial No.	Brd No	ID	Bit	Replaced or Replacement	Stan Yes
Target ROCK Relief valve	Target Rock	130A	N/A	2-0203-3A	N/A	Replaced	No
	-		 				
Target Rock Relief Valve	Target Rock	121	N/(A	61 4670504			
The second secon	Target Nock	121	N/A	SI #570E04	N/A	Replacement	No
		-				valve will be tested per IS	T require
. Test Conducted: Hydrostal	tic [] Pneumatic [] No	ominal Operating P.	ressure [X emperatur] Not Applicable [valve will be tested per IS	T require
. Test Conducted: Hydrostal . Remarks: <u>VT-2 examination</u>	tic [] Pneumatic [] No Test Pressure <u>I</u> during system leakage test on	ominal Operating P. 1035 psig Test T	emperatur ge noted.] Not Applicable [] e _195-230_ °F]		T require
. Test Conducted: Hydrostal . Remarks: <u>VT-2 examination</u> We certify that the statements r	Test Pressure 1 during system leakage test on	ominal Operating P. 1035 psig Test T 10/23/99, no leaka Certifical t and this REPLAC	ressure [X emperatur ge noted.] Not Applicable {]		T require
. Test Conducted: Hydrostal . Remarks: <u>VT-2 examination</u> We certify that the statements r	Test Pressure 1 during system leakage test on	ominal Operating P. 1035 psig Test T 10/23/99, no leaka Certifical t and this REPLAC	ressure [X emperatur ge noted.	Not Applicable [e 195-230 °F pliance Conforms to Section X 27 . 19 99]		T require
. Test Conducted: Hydrostal . Remarks: <u>VT-2 examination</u> We certify that the statements r	Test Pressure 1 during system leakage test on	ominal Operating P. 1035 psig Test T 1 10/23/99, no leaka Certifical t and this REPLAC	ressure [X emperatur ge noted.	Not Applicable [e 195-230 °F pliance Conforms to Section X 27 . 19 99]		T require
. Test Conducted: Hydrostal . Remarks: <u>VT-2 examination</u> We certify that the statements r	Test Pressure 1 during system leakage test on	ominal Operating P. 1035 psig Test T 10/23/99, no leaka Certifical t and this REPLAC COORDINATOR (Title)	ressure [X emperatur ge noted. e of Compensation [A compensation compe	Not Applicable { e 195-230 °F pliance Conforms to Section X 27 , 19 99]		T require
We certify that the statements r Signed: Bundant (Owner or Owne) I, the undersigned, holding a value of the Hartford Steam and Bo	Test Pressure I during system leakage test on made in this report are correct Dusty ISI ws Designee) alid commission issued by the iller Insurance and Inspection te to the best of my knowledge te neither the inspector nor his emplet.	Certificat t and this REPLAC COORDINATOR (Title) Certificat e National Board of Co. of Hartford, Coge and belief, this re-	e of Compension (Date of Inspection) Boiler and onnecticut pair or rep	Not Applicable [e 195-230 °F pliance Conforms to Section X 27 , 19 99) ection Pressure Vessel Inspectation inspected the R placement has been cons	I of the ASME	ate or Province of Illinois, NT described in this repor	employe t on the ASM

1. Owner:	ComEd Company One First National	(Name) Il Plaza, Chicago IL, 60690)(Address)				Date: 10/27/9	
2. Plant:	Dresden Nuclea	ear Power Station (Neesden Road, Morris IL., 60	Name)				Sheet: 1 Of	1
3 Work P						11/5	Unit: 2	
-			Name)			Repair (R 980038988-01 (PLAN Organization P.O. No., Jo	2-99-015) ob No. etc.
4 Identific:			(Address)				•	
5.(a)	cation of System: 15 Construction Code AS	SME Section III	19 65 Edition.	NO A	ddenda, Code Cases	NONE		
(b) 1	Edition of Section XI t	used for Repair/Replacemen	nt 19 <u>89</u> Edition,	NO Ad	Idenda, Code Cases	NONE		
6. Identifica	ation of Components R	Repaired or Replaced and Re	splacement Compon	ients				
	Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stampe Yes/No
Exchange	W/LPCI Heat er Tubes (3/4" O.D., 18 BWG) (Four	Unknown ~	Unknown	N/A	2-1503A	N/A	Replaced	No
Exchanger	W/LPCI Heat er Tubes (3/4" O.D., 18 BWG) (Four	Unknown	Unknown	N/A	SI #808E87	N/A	Replacement	No
<u> </u>	gs (Four total)	Unknown	Unknown	N/A	SI #773H40	N/A	Danlagament	No.
<u> </u>			Olido.	1	31 # 11 311 70	1977	Replacement	No
8. Test Conc	a + 1 2 examination of	Test Pressure 3	current test results. alling heads back ont cominal Operating Pr 371 psig Test Test	ressure [X	Changer. () Not Applicable []		1 replugged one previousi	y plugged tut
	 _							
We certify	that the statements ma	ade in this report are correct	t and this REPLAC		Conforms to Section X	⟨I of the ASMF	∃ Code.	
Signed : _/	(Owner or Owner's	s Designed	COORDINATOR (Title)	(Date	(27 , 19 <u>99</u> e)			
			2 ::5					
Code. By this report. arising from	7, 19 97 and state signing this certificate it. Furthermore, neither om or connected with the		e National Board of l Co. of Hartford, Co ge and belief, this re	onnecticut epair or rep	d Pressure Vessel Inspect having inspected the Replacement has been constitutional to the properties of the properties o	REPLACEMENT structed in acco	NT described in this report ordance with Section XI of	ort on of the ASME
Date: _ <i></i>	OABAM Inspecto	or:	Thing	-	Commissions: IL932. (State	. NB7742NISE or Province, N	3 Vational 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 One First National	(Name) l Plaza, Chicago IL, 60690	(Address)				Date:10/27/	99_
2. Plant: Dresden Nuclea	ar Power Station (1	Vame)				Sheet: 1 Of	_1_
3. Work Performed By: <u>G. N</u>		0450 (Address) Name) Address)			WR Repair (Unit: 2 980038989-01 (PLAN Organization P.O. No., Jo	2-99-017) ob No. etc.
4. Identification of System: 15		Audiess)					
5.(a) Construction Code A (b) Edition of Section XI	SME Section III used for Repair/Replacement	nt 19 <u>89</u> Edition,	NO Ac	ddenda, Code Cases ddenda, Code Cases	NONE NONE	•	
6. Identification of Components R	Repaired or Replaced and Re	placement Compon	ents				
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2B CCSW/LPCI Heat Exchanger Tubes (3/4" O.D., SB-111, 18 BWG) (Sixty one total)	Unknown ~	Unknown	N/A	2-1503B	N/A	Replaced	No
2B CCSW/LPCI Heat Exchanger Tubes (3/4" O.D., SB-111, 18 BWG) (Sixty one total)	Unknown	Unknown	N/A	SI #808E87	N/A	Replacement	No
Tube Plugs (Thirty total)	Unknown	Unknown	N/A	SI #773H40	N/A	Replacement	No
7. Description of work: Replace reinstalling heads back onto heat example 8. Test Conducted: Hydrostatic 9. Remarks: No leakage identified.	[] Pneumatic [] No	ominal Operating Pr	essure [X		ormed a VT-2	examination of tube shee	ets prior to
		Contillocat				-4-1-1	
We certify that the statements ma Signed : Bundan (Owner or Owner)	L. Casey ISI	Certificat and this REPLAC COORDINATOR (Title)	EMENT	Conforms to Section X 28 , 19 99	I of the ASME	Code.	
		Certificat	te of Insp	ection	7 19 10		
I, the undersigned, holding a valid by The Hartford Steam and Boile LO-LS, 19 C and state Code. By signing this certificate this report. Furthermore, neither arising from or connected with the Date:	to the best of my knowledg neither the inspector nor his the inspector nor his emplo- is inspection.	National Board of I Co. of Hartford, Co e and belief, this rep	Boiler and onnecticut pair or rep ny warran n any man	Pressure Vessel Inspecthaving inspected the Rolacement has been consty, expressed or implied the for any personal injury. Commissions: IL932,	tructed in acco	NT described in this reported in the reported with Section XI of the repair or replacement of the y damage or a loss of any	t on the ASME

1. Owner: ComEd Company	y (Name) al Plaza, Chicago IL, 60690	(Address)				Date: 10/29/9	99
		Vame)				Sheet: 1 Of	1
	resden Road, Morris IL., 60					Unit:2_	
3. Work Performed By:G. 1	N. Venture (N	Name)			WR	980038989-03 (PLAN	2-99-018)
Sam	ne as Above (Address)			Repair (Organization P.O. No., Jo	ob No. etc.
4. Identification of System:	1500 CCSW/LPCI						
5.(a) Construction Code A (b) Edition of Section X	ASME Section III I used for Repair/Replacement	19 65 Edition, at 19 89 Edition,	NO Ad	denda, Code Cases denda, Code Cases	NONE N-416-1		
6. Identification of Components	Repaired or Replaced and Re	placement Compon	ents				
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2B CCSW/LPCI Heat Exchanger Lower Channel Shell Surfaces	Berlin Chapman	05036-1	3004	2-1503B	1967	Repair	Yes
						٠.	
						,	
7. Description of work: Repair	ed pitted areas in lower chang	nel region of heat ex	changer.				70
		·			-		
8. Test Conducted: Hydrostat	.,						
		225 psig Test T	•				
9. Remarks: Lower head was ex	camined during DOS 1500-12	2 on 10/23/99, no le	akage was	noted.			
		Certificat	e of Com	pliance	110.0	i.a	···
We certify that the statements r Signed: Bundan		•			SME Code.		
(Owner or Owner	s Designee) ISI	COORDINATOR (Title)	(Date)	, <u></u>			
<u></u>						-	·
		Certifica	te of Insp	ection			<u> </u>
T showed and holding a co	alid commission issued by the iler Insurance and Inspection	National Board of Co. of Hartford, Co.	Boiler and	Pressure Vessel Inspect	EPATR descri	ate or Province of Illinois bed in this report on //- tion XI of the ASME Coo	7-

1 Company Company							
1. Owner: ComEd Company One First Nationa	(Name) 1 Plaza, Chicago IL, 60690)(Address)				Date: 10/27/	99
2. Plant: Dresden Nuclea	ar Power Station (1	Name)				Sheet: 1 Of	_1_
	esden Road, Morris IL., 6	· ·				Unit: 2	
3. Work Performed By: Same					WR Repair (990102436-01 (PLAN Organization P.O. No., J	2-99-023)
	as Above	(Address)			Керан	rganization F.O. 190., J	ob ino. etc.
4. Identification of System: 23							
5.(a) Construction Code <u>U</u> (b) Edition of Section XI	SAS B31.1.0 used for Repair/Replacement	, 19 <u>67</u> Edition, _	NO A	Idenda, Code Cases	NONE		
6. Identification of Components R	•			idelida, Code Cases	NONE	•	
	1	pracement Compone	:lius				
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
HPCI Turbine Exhaust Line Check Valve (24" Dual Disc)	Mission	Unknown	N/A	2-2301-45	N/A	Replaced	No
1 ¼"-8 Hex Nut (A194 Grade 2H)	Unknown	Unknown	N/A	2-2301-45	N/A	Replaced	No
HPCI Turbine Exhaust Line	Mission	Heat E4313,	N/A	Cat ID Number	N/A	Replacement	No
Check Valve (24" Dual Disc)		Serial Number 5		0000038267		Replacement	140
1 ¼"-8 Hex Nut (A194 Grade 2H)	Unknown	Unknown	N/A	Cat ID Number 0000027804	N/A	Replacement	No
Description of work: Deplaces	1 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		<u></u>	<u> </u>			
. Description of work: Replaced lisassembly.	1 check valve due to raned is	ocal leak rate test. n	10 proble	ms with bolting were ide	entified in wor	k package, hex nut was	lost during val
. Test Conducted: Hydrostatic	· [] Pneumatic [] No	ominal Operating De	(V		-		
	Test Pressure 3] Not Applicable []			
. Remarks: VT-2 examination di		· ·		Not Recorded °F			
Remarks: VT-2 examination du	HING FIFCE SYSTEM SULVEMA	nce. Temperature is	not reco	rded during surveillance	. No leakage	noted during surveillance	·
-							
We certify that the statements ma	ade in this report are correct	Certificate	of Com	pliance	6.1 4.01.47		
Signed: Brendan	Caser 151	COORDINATOR	interview i	_	of the ASME	Code.	
(Owner or Owner's	s Designee)	(Title)	(Date	7, 19 <u>99</u>			
							
		Certificate	e of Insp	ection	 		213
I, the undersigned, holding a valid by The Hartford Steam and Boile 1974 and state Code. By signing this certificate this report. Furthermore, neither arising from or connected with the Date: 1/2/91 Inspector	to the best of my knowledg neither the inspector nor his the inspector nor his emplo- tis inspection.	National Board of B Co. of Hartford, Cor te and belief, this rep	Boiler and nnecticut pair or rep ny warran nany man	Pressure Vessel Inspect having inspected the RI placement has been const ty, expressed or implied the for any personal inju-	ructed in acco , concerning to ury or propert	NT described in this report of the control of the control of the repair or replacement of the control of the co	rt on f the ASME
Date: /// [/ Inspecto	or:	· / pain	_	Commissions: IL932, (State of	NB7742NISB or Province, N	ational Board)	

					·		
1. Owner: ComEd Comp One First Nat	oany (Name) ional Plaza, Chicago IL, 60690)(Address)				Date:10/23/	99
2. Plant: Dresden N	uclear Power Station (Name)				Sheet: 1 Of	_1_
	Dresden Road, Morris IL., 60					Unit: 3	
-	G. N. Venture (WR Repair	980037262-01(PLAN 2 Organization P.O. No.,	-99-024)
	Same as Above ((Address)			Liepu.	Organization 1.0. 110., .	100 140. Etc.
4. Identification of System:							
(a) Construction Code(b) Edition of Section	e ASME Section III Note: ASME Section III Note: ASME Section III	, 19 65 Edition, nt 19 89 Edition,	NO Ad	Idenda, Code Cases	NONE N-416-1		
	nts Repaired or Replaced and Re				11-110-1		
		T			······································		
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2A CCSW/LPCI Heat Exchanger	Berlin Chapman	05036-2	3005	2A-1503	1967	Repaired	Yes
Partition Plate	Ecker-Erhardt	B45756	N/A	819B22	N/A	Destaurant	
Stop Bar	Unknown	Heat # 250927	N/A	818D79	N/A	Replacement	No
		230727	""	010079	IVA	Repair (New installation)	No
			<u> </u>				
			ļ				
			ļ				
			<u> </u>				
Test Conducted: Hydros Remarks: * VT-2 examination	paired existing CCSW/LPCI he er, a high differential pressure w n of plate. Work was performed static [] Pneumatic [] No Test Pressure _ ation performed in conjunction was 5140 gallons per minute (according)	ominal Operating Pr psig Test Te	ressure []	Not Applicable [X]	addition of rein	forced divider plate and a	stop bar should
We certify that the statement	ts made in this report are correct	Certificate t and this REPAIR	e of Comp /REPLA(pliance EMENT Conforms to	Section XI of	the ASME Code	
Signed : <u>Brendan</u> (Owner or Ow	A. Casly ISI (COORDINATOR (Title)	10/z (Date)	6 , 19 <u>99</u>	occuon Air or	ale ASIME COLE.	
	#				7844	75 TO 12 12	
on 10-76, 19 97 a ASME Code. By signing this described in this report. Fur any kind arising from or con	a valid commission issued by the Boiler Insurance and Inspection and state to the best of my knowled is certificate neither the inspector reference, neither the inspector unected with this inspection.	National Board of I Co. of Hartford, Co edge and belief, this r nor his employer r nor his employer sha	nnecticut i repair or nakes any all be liabl	Pressure Vessel Inspec having inspected the R replacement has been c warranty, expressed or e in any manner for any	EPAIR/REPL onstructed in a implied, conce personal injur	ACEMENT described in ccordance with Section X erning the repair or replacy by or property damage or	this report I of the
Date: 10-26-91 Ins	pector: Knji	/ Kar	un (Commissions: IL932, (State	NB7742NISB	ational Roard)	
			V	(Julie)	o. a rovuice, IN	unonar Doard)	1

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

1. Owner: ComEd Compa One First Nation	any (Name) onal Plaza, Chicago IL, 6069	(Address)				Date:11/1/9	9
2. Plant: <u>Dresden Nu</u>	oclear Power Station Dresden Road, Morris IL.,	(Name)				Sheet: 1 Of	<u> </u>
					***	Unit: 2	
Work Performed By: Sa		(Name)			WR Repair (2 970071696-01 (PLAN Organization P.O. No., Je	2-99-027
		(Address)			•		JO 110. C.
	1600 Primary Containment						
(a) Construction Code (b) Edition of Section	E USAS B31.1.0 XI used for Repair/Replacement	, 19 67 Edition, ent 19 89 Edition,	NO Ac	idenda, Code Cases	NONE NONE		
	its Repaired or Replaced and R				1,01,12		
							
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	C Star Ye
4" Butterfly Valve seating surfaces	Neles Jamesbury	Unknown	N/A	2-1601-55	N/A	Replaced	No
Butterfly valve seat	Neles Jamesbury	Unknown	N/A	Cat ID # 0000043270	N/A	Replacement	No
Valve seat	Neles Jamesbury	Unknown	N/A	Cat ID # 0000699650	N/A	Replacement	No
Test Conducted: Hydrosta	aced seating surfaces on 4" dia tatic [] Pneumatic [] N Test Pressure _ left local leak rate test under D	Nominal Operating Pr	ressure []	Not Applicable [X]			
Signed: <u>Brendan</u>	s made in this report are correct	Certificat ct and this REPLAC I COORDINATOR (Title)	e of Comp CEMENT (Date)	pliance Conforms to Section X // , 19 <u>9 9</u>	I of the ASME	Code.	
(Owner or OW)							22
(Cwitet of OW)		Certificat	te of Inspe	nation			

1. Owner: ComEd Compa One First Natio	ny (Name) onal Plaza, Chicago IL, 60690	(Address)			·	Date:10/27/	99
2. Plant: Dresden Nuc	clear Power Station (1	Name)				Sheet: 1 Of	1
6500 North I	Dresden Road, Morris IL., 60	0450 (Address)				Unit: 2 -	
3. Work Performed By: San	me as Above (Name)		-	WR	980117496-01 (PLAN	2-99-028)
Sai	me as Above	(Address)			Repair (Organization P.O. No., Jo	ob No. etc.
4. Identification of System:	2300 HPCI						
5.(a) Construction Code(b) Edition of Section 36. Identification of Components	USAS B31.1.0 XI used for Repair/Replacements Repaired or Replaced and Re			idenda, Code Casesidenda, Code Cases	NONE NONE		
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
HPCI Auxilliary Cooling Water Pump Discharge Check Valve Flange Bolts (3/4"-10 A193 Grade B7)	Unknown	Unknown	N/A	2-2301-51 2301	N/A	Replaced	No
HPCI Auxilliary Cooling Water Pump Discharge Check Valve Flange Bolts (3/4"-10 A194 Grade 2H)	Unknown	Unknown	N/A	2-2-200T-51 pqc 10 27 99	N/A	Replaced	No
HPCI Auxilliary Cooling Water Pump Discharge Check Valve Flange Bolts (3/4"-10 A193 Grade B7)	Unknown	Heat Code NBD	N/A	SI #796D75	N/A	Replacement	No
HPCI Auxilliary Cooling Water Pump Discharge Check Valve Flange Bolts (3/4"-10 A194 Grade 2H)	Unknown	Unknown	N/A	S1 #796D01	N/A	Replacement	No
7. Description of work: Replacy valve was acceptable per inspection. 3. Test Conducted: Hydrosta 3. Remarks: VT-2 not required	ntic [] Pneumatic [] No	ominal Operating Pre	essure []	Not Applicable [X]	assumed mat	lerial was lost during disas	sembly. Check
We certify that the statements Signed: Bundanc	made in this report are correct		EMENT	Conforms to Section XI	of the ASME	E Code.	
Owner or Own	j.Cully ISI (COORDINATOR (Title)	(Date	27 , 19 <u>99</u>)			*** = ******
		Certificate	e of Insp	ection			
this report. Furthermore, neith	ate to the best of my knowledge ate neither the inspector nor his her the inspector nor his employen this inspection.	National Board of B Co. of Hartford, Cor e and belief, this rep	Boiler and nnecticut pair or rep	Pressure Vessel Inspected having inspected the RE blacement has been constructed.	TUCTED IN ACCO	NT described in this repor ordance with Section XI of	t on the ASME
Date: 10-27-99 Inspe	ector: <u>FM</u>	1 Kuur		Commissions: IL932, 1 (State of		lational Board)	į

1:

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

1. Owner: ComEd Company One First Nationa	(Name) al Plaza, Chicago IL, 60690	(Address)				Date: 10/27/9	99
2. Plant: Dresden Nucle	ear Power Station (1	Vame)				Sheet: 1 Of	1_
	resden Road, Morris IL., 60					Unit: 2	
B. Work Performed By: Gene		Name)			Repair (980038717-01 (PLAN Organization P.O. No., Jo	2-99-029)
		(Address)			Керан	organization F.O. 140., Jo	ob No. eic.
. Identification of System: 0	201 Reactor Vessel						
	used for Repair/Replacemen	nt 19 <u>89</u> Edition,	NO Ad	Idenda, Code Cases denda, Code Cases	NONE NONE	<u>. </u>	
. Identification of Components I	Repaired or Replaced and Re	placement Compor	nents				
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Reactor Vessel Closure Head Stud	General Electric	61-198-81	N/A	Stud #81	N/A	Replaced	No
Reactor Vessel Closure Head Stud	General Electric	PMC-9-6547	N/A	SI #799A84	N/A	Replacement	No
							<u> </u>
			 		-		
. Description of work: Replace . Test Conducted: Hydrostati . Remarks: Pressure test is not	c[] Pneumatic[] No Test Pressure	ominal Operating P	ressure []	Not Applicable [X]			and nut.
We certify that the statements m	1000	t and this REPLA	te of Com	pliance Conforms to Section X.	I of the ASME	E Code.	
Signed: Dundan (Owner or Owner	l. (MSUY ISI) 's Designee)	COORDINATOR (Title)	10/2 (Date	? <u>7</u> , 19 <u>99</u>	-t 20		
		Certifica	te of Insp	ection		781 Al 102 d' 112 d'	
I, the undersigned, holding a value by The Hartford Steam and Boil O 19 mand state Code. By signing this certificate this report. Furthermore, neither arising from or connected with the Date:	the instraince and inspection of the to the best of my knowledge eneither the inspector nor his employer the inspector.	National Board of Co. of Hartford, Coge and belief, this re	Boiler and onnecticut epair or rep any warran in any mar	Pressure Vessel Inspect having inspected the Rolacement has been consty, expressed or implied uner for any personal injury	EPLACEME tructed in acco i, concerning to ury or propert	NT described in this repor ordance with Section XI of the repair or replacement of ty damage or a loss of any	t on the ASME
, De mapeo		- Janes J	· · · · · · · · · · · · · · · · · · ·	Commissions: IL932, (State	or Province, N	Vational 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 One First National	y (Name) al Plaza, Chicago IL, 60690) _(Address)				Date: 10/27/9	19
2. Plant: Dresden Nucle	ear Power Station	Name)				Sheet: 1 Of	1
6500 North Dr	resden Road, Morris IL., 6	0450 (Address)				Unit: 2 -	
3. Work Performed By: Same	e as Above ((Name)			WR	970063097-01 (PLAN	2-99-031)
Same	e as Above	(Address)			Repair (Organization P.O. No., Jo	b No. etc.
4. Identification of System: 2	300 HPCI						
	used for Repair/Replaceme	nt 19 <u>89</u> Edition, _	NO Ad	ddenda, Code Cases ddenda, Code Cases	NONE NONE		
6. Identification of Components I	Repaired or Replaced and Re	eplacement Compon	ents				
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
HPCI Turbine Exhaust Line Rupture Disc	Unknown	Unknown	N/A	2-2301-68	N/A	Replaced	No
			1				
HPCI Turbine Exhaust Line Rupture Disc	Black, Sivalls & Bryson	Unknown	N/A	SI #570B21	N/A	Replacement	No
7. Description of work: Replace	ed rutpure disc per IST five	year surveillance.			***		
0.00.00.00.00.00.00.00.00.00.00.00.00.0							
8. Test Conducted: Hydrostation	.,		essure [X] Not Applicable []			
	Test Pressure _			ire Not Recorded °F			
9. Remarks: VT-2 examination d	luring HPCI system surveilla	ance. Temperature i	s not reco	rded during surveillance	. No leakage	noted during surveillance.	
		·····					
		Certificat	e of Com	nliance			7
We certify that the statements m	/ 1 / .	t and this REPLAC	CEMENT	Conforms to Section XI	of the ASME	Code.	
Signed : <u>Sundant</u> (Owner or Owner		COORDINATOR (Title)	10/	27 . 19 99			
	- Designed, -	(Tiue)	(Date))			
			te of Inspe				
I, the undersigned, holding a val by The Hartford Steam and Boil 10-22, 19 14 and state Code. By signing this certificate this report. Furthermore, neithe arising from or connected with d	e to the best of my knowledge e neither the inspector nor hier the inspector nor his emplohis inspection.	ge and belief, this rep	pair or rep ny warran n any man	naving inspected the Replacement has been constity, expressed or implied uner for any personal inju	ructed in acco , concerning t ary or propert	NT described in this report ordance with Section XI of the repair or replacement down damage or a loss of any to the control of the control o	on the ASME
	tor:	(paper	/ '	Commissions: IL932, (State o	NB7742NISB or Province, N	lational Board)	

1. Owner: ComEd Compar	ny (Name) nal Plaza, Chicago IL, 60690				······································	Date: 1-7-20	00
		 				Sheet: 1 Of	_3_
	Dresden Road, Morris IL., 6	Name) 0450 (Address)				Unit: 2/3	
3. Work Performed By: _ Ger	neral Electric (N	ame)			WF	R 990002113 (PLAN 2-	99-032)
San	ne as Above (Address)			Repair	Organization P.O. No.,	Job No. etc.
4. Identification of System:	0300 Control Rod Drive						
5.(a) Construction Code (b) Edition of Section X	ASME Section III I used for Repair/Replaceme	, 19 <u>74</u> Edition,		Addenda, Code Cases	N207, 1361	-2	
6. Identification of Components				ddenda, Code Cases	NONE		
Components	Tepaned of Replaced and Re	spiacement Compon	ienis				
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Control Rod Drive A6524	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A6524	General Electric	A5763	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A5321	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5321	General Electric	A5785	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A5305	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5305	General Electric	A5723	*	SI #508B41 ·	N/A	Replacement	Yes
Control Rod Drive A5325	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5325	General Electric	A5795	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A5213	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5213	General Electric	A5733	*	SI #508B41	N/A	Replacement	Yes
Control Rod Drive A5007	General Electric	Not Recorded	*	None Recorded	N/A	Replaced	Yes
Control Rod Drive A5007	General Electric	A5817	*	SI #508B41	N/A	Replacement	Yes
Description of work: These lange was removed and replaced. Test Conducted: Hydrostati	ic [] Pneumatic [] No	assemblies procure strumentation. * Se ominal Operating Pr J/A psig Test Te	essure [Not Applicable [X]	In order to in	nstall on Dresden Units, i	the existing rin
. Remarks: Control rod drive a	ssemblies receive a VT-2 exa	mination under the	Work Re	quest they are installed u	nder.	•	
-							
We certify that the statements in Signed: (Owner or Owner)	nade in this report are correct 1. Casus ISI (Certificate and this REPLAC COORDINATOR (Title)	EMENT	pliance Conforms to Section XI (O, 20	of the ASME	Code.	
		Certificat	e of Insp	ection			
this report. Furthermore, neither arising from or connected with	the instraint and hispection is to the best of my knowledge eneither the inspector nor his err the inspector nor his emplothis inspection.	National Board of E Co. of Hartford, Co e and belief, this rep employer makes ar employer makes ar eyer shall be liable in	Boiler and nnecticut pair or rep ny warran n any mar	Pressure Vessel Inspects having inspected the RE placement has been constry, expressed or implied the for any personal injuries.	EPLACEMEN ructed in accord , concerning the iry or property	VT described in this report rdance with Section XI of he repair or replacement d to damage or a loss of any	t on the ASME
Date: <u>/-/0-00</u> Inspec	tor: My	, june !		Commissions: IL932, (State o	NB7742NISB r Province, N	ational Board)	
				,	,		l.

FORM NIS-2 SUPPLEMENT	DAP 1		
OWNER'S REPORT OF REPAIR OR REPLACEMENT SUPPLEMENTAL SHEET	REVIS	ION	08

1. Owner:_	ComEd Company (Name)		Date: 1-7-2000
	One First National Plaza, Chicago IL, 60690	(Address)	Date: <u>1-7-2000</u>
2. Plant: _	Dresden Nuclear Power Station (Nat		Sheet: <u>2</u> Of <u>3</u>
	6500 North Dresden Road, Morris IL., 60450	_ (Address)	Unit: <u>2/3</u>
3. Work Pe	rformed By: General Electric	(Name)	WR 990002113 (PLAN 2-99-032)
	Same as Above	(Address)	Repair Organization P.O. No., Job No. etc
4. Identifica	ation of System: 0300 Control Rod Drive		
	Construction Code <u>USAS B31.1.0</u> , 19 Edition of Section XI used for Renait/Replacement		

o. Identification of Components	Repaired of	r Replaced and	Replacement	Components

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

FORM NIS-2 SUPPLEMENT DAP 11-18 OWNER'S REPORT OF REPAIR OR REPLACEMENT SUPPLEMENTAL SHEET REVISION 08

1. Owner: ComEd Company (Name) One First National Plaza, Chicago IL, 60690 (Address)	Date: <u>1-7-2000</u>
2. Plant: Dresden Nuclear Power Station (Name)	Sheet: <u>3</u> Of <u>3</u>
6500 North Dresden Road, Morris IL., 60450 (Address)	Unit:2/3
3. Work Performed By: General Electric (Name)	WR 990002113 (PLAN 2-99-032)
Same as Above (Address)	Repair Organization P.O. No., Job No. etc.
4. Identification of System: 0300 Control Rod Drive	
5. (a) Construction Code USAS B31.1.0 , 19 74 Edition, W75 Addenda, Code Cases N. Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda Code Cases N.	

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

1. Owner: ComEd Compa One First Nation	any (Name) onal Plaza, Chicago IL, 60690)(Address)				Date: 11/3/9	
2. Plant: Dresden Nu 6500 North	clear Power Station (I Dresden Road, Morris IL., 6	Name) 0450 (Address)				Sheet: 1 Of Unit: 2	
3. Work Performed By: Sa		(Name)			WR	990083539-01 (PLAN	2-99-034
- <u>S</u> ;	ame as Above	(Address)			Repair C	Organization P.O. No., Jo	ob No. et
4. Identification of System: _	1500 CCSW						
5.(a) Construction Code (b) Edition of Section	USAS B31.1.0 XI used for Repair/Replaceme	, 19 67 Edition, nt 19 89 Edition,	NO Ad	ldenda, Code Cases ldenda, Code Cases	NONE N-416-1		
6. Identification of Componen	ts Repaired or Replaced and Re	eplacement Compor	nents				
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	C Sta Ye
Line 2-1510-16"-D (Division I CCSW Supply)	Unknown -	Unknown	N/A	2-1510-16"	N/A	Replaced	No
16" Standard (.375") A106 Grade B Pipe (10')	Unknown	Heat B08957	N/A	Cat ID# 00000072770	N/A	Replacement	No
16" A234 Grade WPB	Unknown	Heat 33932	N/A	Cat ID# 0000039075	N/A	Replacement	No
8. Test Conducted: Hydros: 9. Remarks: VT-2 examination		fominal Operating P N/A psig Tes	ressure [X	Not Applicable []	in and not pro-		
Signed: Brindan	s made in this report are correct School Sch	Certifica ct and this REPLA COORDINATOR (Tide)		Conforms to Section X	I of the ASME	E Code.	
		Certifica	ate of Insp	ection			
			*** o	cciro			

						· · · · · · · · · · · · · · · · · · ·		
1. Owner: ComEd Company One First National	(Name) Plaza, Chicago IL, 60690	(Address)				Date:11/10/9	99	
2. Plant: Dresden Nuclea	r Power Station (1	Name)				Sheet: <u>1</u> Of <u>1</u>		
	sden Road, Morris IL., 60	-				Unit: 2		
3. Work Performed By: Same		Name)			Repair C	990004355-01 (PLAN) Organization P.O. No., Jo	2-99-035) ob No. etc.	
		(Address)			·			
4. Identification of System: 02								
5.(a) Construction Code AS (b) Edition of Section XI u	ME Section III sed for Repair/Replacement	19 <u>65</u> Edition, _ nt 19 <u>89</u> Edition, _	<u>NO</u> Ad <u>NO</u> Ad	idenda, Code Cases Idenda, Code Cases	NONE N-496-1			
6. Identification of Components Re	epaired or Replaced and Re	placement Compone	ents			-		
Name of	Name of Manufacturer	Mfrs.	Nat		<u> </u>	T		
Component	Trans of Francisco	Serial No.	Brd No	Other ID .	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No	
Electromatic Relief Valve (Serial Number BX00294) Inlet Flange Bolting and Bolt Holes	Consolidated Dresser	BX00294 (Valve)	N/A	None	N/A	Replaced/Repair	No	
Electromatic Relief Valve	Consolidated Dresser	Unknown	N/A	SI #790H78	N/A	Replacement	No	
Inlet Flange Stud Hex Nuts (2 Total)								
Electromatic Relief Valve Inlet Flange Studs (6 Total)	Consolidated Dresser	Trace # 1BK and CK1, Heats QT61, QT62, 1JN and G9	N/A	SI #570C07	N/A	Replacement	No	
Helicoil Threaded Inserts (3 Total)	Unknown	Unknown	N/A	SI #700G91	N/A	Replacement	No	
7. Description of work: <u>During</u> repair. Valve was later installed in 3. Test Conducted: Hydrostatic 9. Remarks: <u>None</u> .	[] Pneumatic [] No	55-01 (Repair/Replac	ssure []	Not Applicable [X		re damaged and required	replacement or	
We certify that the statements made Signed: Signed: (Owner or Owner's	Lasery ISIG	Certificate and this REPAIR/ COORDINATOR (Title)	of Comp REPLAC /- /: (Date	CEMENT Conforms to	Section XI of	the ASME Code.		
		Certificate	e of Inspe	ection				
I, the undersigned, holding a valid by The Hartford Steam and Boiler on /- /3 * 192000 and sta ASME Code. By signing this cerd described in this report. Furtherm any kind arising from or connected Date: /-//J-/// Inspecto	the to the best of my knowled the to the best of my knowled tificate neither the inspector rore, neither the inspector red with this inspection.	edge and belief, this	repair or nakes any ll be liabl	replacement has been co	EPAIR/REPL onstructed in a implied, conce personal injur	ACEMENT described in accordance with Section XI acriting the repair or replacing the repair or replacing or acritical transfer or section of the section	this report of the	

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

I. Owner: ComEd Company One First Nation:	y (Name) al Plaza, Chicago IL, 60690) (Address)				Date:11/10/	99
2. Plant: Dresden Nucle	ear Power Station (1	Name)				Sheet: 1 Of	1_
	resden Road, Morris IL., 60					Unit: 2	
3. Work Performed By: Sam		Name)			WR Repair (990017367-01 (PLAN) Organization P.O. No., Jo	2-99-039)
		(Address)			****	71 gaintauon 1.0. 110., 31	00 140. EIC.
4. Identification of System:5							
5.(a) Construction Code <u>I</u> (b) Edition of Section XI	USAS B31.1.0 I used for Repair/Replacement	19 <u>67</u> Edition, _	NO Ad	denda, Code Cases	NONE NONE	······	
6. Identification of Components				derida, code cases	NONE		
	The party of Replaced and Re	7- Compon		····			
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Unit 2 West LPCI Corner Room Cooling Coil	Buffalo Forge	Unknown	N/A	2-5746-B	N/A	Replaced	No
Unit 2 West LPCI Corner Room Cooling Coil	Aerofin Corporation	Unknown	N/A	SI #765C55	N/A	Replacement	No
2½" A105 Pipe Unions (2 Total)	Unknown	Unknown	N/A	SI #797B94	N/A	Replacement	No
7. Description of work: Replace	ed existing cooler coil (which	had leaking tubes)	with bran	I new coil assembly. No	o reason was r	noted for union replaceme	nt.
3. Test Conducted: Hydrostati	c [] Pneumatic [] No	ominal Operating Pr	essure []	Ω Not Applicable []			
		78 psig Test T					
. Remarks: No leakage identifie							
				 	m *		
We certify that the statements m	nade in this report are correct	Certificat and this REPLAC	e of Com	pliance Conforms to Section XI	of the ASME	Code.	
Signed: Brendan	1 7	COORDINATOR (Title)		0 , 19 99			
(Owner or Owner	s Designee)	(Title)	(Date)			
					 		
		Certifica	te of Insp	ection	· · · · · · · · · · · · · · · · · · ·		
I, the undersigned, holding a value by The Hartford Steam and Boil 1977 and state Code. By signing this certificate this report. Furthermore, neither arising from or connected with the state of the st	e to the best of my knowledge e neither the inspector nor his er the inspector nor his emplo	co. of Hartford, Co se and belief, this re semployer makes a	pair or rep	having inspected the Ri placement has been const	EPLACEMENT tructed in acco	NT described in this report of the control of the c	t on the ASME
Date: 11-10-19 Inspec	. //	Then	1_	Commissions: IL932, (State of	NB7742NISB	ational Board)	
				(Julie (unoimi Donidj	

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

1. Owner: ComEd Compan One First Nation	y (Name) al Plaza, Chicago IL, 60690	(Address)				Date: 11/2/99)
2. Plant: Dresden Nucl	ear Power Station (1)	Name)				Sheet: 1 Of	1_
6500 North D	resden Road, Morris IL., 6	0450 (Address)				Unit: 2	
3. Work Performed By: <u>G. 1</u>	N. Venture (1	Name)			WR	990045011-05 (PLAN	2-99-040)
Sam	ne as Above	(Address)			Repair (Organization P.O. No., Jo	ob No. etc.
4. Identification of System:	2300 HPCI						
5.(a) Construction Code 1	USAS B31.1.0	, 19 67 Edition,	NO Ad	denda. Code Cases	NONE		
	USAS B31.1.0 I used for Repair/Replacement			denda, Code Cases	NONE	•	
6. Identification of Components	Repaired or Replaced and Re	placement Compon	ents				
Name of	Name of Manufacturer	Mfrs.	Nat	Other	T v-	T	
Component		Serial No.	Brd No	ID	Yr Blt	Repair, Replaced or	Code Stamped
Support M-1151D-173 for	Unknown	Unknown	N/A	M HEID 157	 	Replacement	Yes/No
HPCI Drain Pot 2B-2307	- Cladiowii	Chillowii	IN/A	M-1151D-157	N/A	Repair	No
							
A36 Steel Plate	Unknown	1D2727	N/A	SI #779B98	N/A	Replacement (New addition)	No
							+
			 				
		<u> </u>	<u>L</u>			<u> </u>	<u></u>
. Description of work: Reinfor	rced existing support for 2B I	HPCI drain pot per	DCP 9800	329. Existing support of	did not meet sa	fety-related requirements.	
							
Test Conducted: Hydrostat	ic [] Pneumatic [] No	ominal Operating Pr	essure []	Not Applicable [X]			
		psig Test Te					
Remarks: None.			porutur	· •			
				——————————————————————————————————————			
We certify that the statements n	nade in this report are correct	Certificat t and this REPAIR	e of Comp REPLAC	pliance CEMENT Conforms to	Section XI of	the ASME Code.	
Signed: Mendan	J. Caseer ISI	COORDINATOR		12 , 19 99			
(Owner or Owner	S Designee)	(Title)	(Date				
							
	***	Certifica	e of Inco	ection			*****
I, the undersigned holding a va	alid commission issued by the						
I, the undersigned, holding a va by The Hartford Steam and Boi on 191 and	ici ribuiaike aiki Histoclikili	CO. OI MARDORO LA	nnecticut	having increated the Ul	CBAID/DEDI	A CHES DESIGN 1	
ASME Code. By signing this of		r nor his employer t	nokec onv	replacement has been co	onstructed in a	ccordance with Section X	
					implied, CORC	citility the repair or replac	
		nor his employer sh	all be liabl	e in any manner for any	personal inju	ry or property damage or	ement a loss of
any kind arising from or connec	eted with this inspection.	nor ins employer sn	an be nabi	e in any manner for any	personal inju	ry or property damage or	ement a loss of
	eted with this inspection.	nor his employer sh	an be nabi	e in any manner for any Commissions: IL932, (State of	personal inju	ry or property damage or	ement a loss of

1. Owner: Com	Ed Company First National	(Name) Plaza, Chicago IL, 60690	(Address)		1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1		Date:10/28/	99
2. Plant: Di	resden Nuclea	_	Name)				Sheet: 1 Of	1
			lame)				Unit: 2 980038988-04 (PLAN Organization P.O. No., Jo	
4. Identification of S		-	Address)			Kepair C	ngamzanon P.O. No., Jo	od No. etc.
5.(a) Construction (b) Edition (c)	ction Code A		it 19 <u>89</u> Edition,	NO Ad	denda, Code Cases denda, Code Cases	NONE N-416-1	·	
Name o Compone		Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2A CCSW/LPCI I Exchanger Upper	Heat Head	Berlin Chapman	05036-2	3005	2-1503A	1967	Repair	Yes
			<u>.</u>					
8. Test Conducted: 9. Remarks: *VT-2 gallons per minute (a	Hydrostatic exaamination ecceptance crit	performed during DOS 15 eria is 5000 gallons per min	minal Operating Property psig Test T 500-12. DOS 1500 tute minimum). No	emperature 0-12 does leakage o	Not Applicable [] e _*_ °F not record pressure or bserved during surveilla	ance.	but records flow rate. F	low was 5140
We certify that the Signed : <u>M</u>	statements mandance ner or Owner	Ade in this report are correct October Designee) ISI	and this REPAIR	Conforms	to Section XI of the A:	SME Code.		
	· · · · · · · · · · · · · · · · · · ·		Certifica	te of Insp	ection			
19 <u>49</u> and state to signing this certific	the best of mate neither the re, neither the with this inspect	// 4	Co. of Hartford, Co repair or replacem makes any warrant	onnecticut nent has be y, express ny manner	having inspected the Ri en constructed in accord ed or implied, concerning	EPAIR descri- dance with Secong the repair of or property da	bed in this report on ##D- tion XI of the ASME Cox r replacement described is unage or a loss of any kin	12. By

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

1. Owner: ComEd Company One First Nationa	(Name) al Plaza, Chicago IL, 60690) (Address)				Date: 10/29/99	19
2. Plant: Dresden Nucle	ear Power Station (A	Name)				Sheet: 1 Of	1
6500 North Dr	esden Road, Morris IL., 60	0450 (Address)				Unit: 2	
3. Work Performed By: <u>G. N</u>	. Venture (1	Name)			WR	R 980038989-04 (PLAN 2	2-99-045)
Same	e as Above ((Address)			Repair C	Organization P.O. No., Job	b No. etc.
4. Identification of System:1	500 CCSW/LPCI						
5.(a) Construction Code A Edition of Section XI	SME Section III , used for Repair/Replacemen	, 19 65 Edition, nt 19 89 Edition,	NO Ad	idenda, Code Casesidenda, Code Cases	NONE N-416-1		
6. Identification of Components R	lepaired or Replaced and Re	placement Compone	ents				
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2B CCSW/LPCI Heat Exchanger Upper Head	Berlin Chapman	05036-1	3004	2-1503B	1967	Repair	Yes
	ļ		<u> </u>				
		-	-				
	 !						
			 				-
		<u> </u>		<u> </u>			
7. Description of work: Repaired	I areas on upper head where	e leakage past the par	rtition plat	e had eroded the head.			
8. Test Conducted: Hydrostatic	TO BUILDING NO						
8. Test Conducted: Hydrostatic	.,			,			
9. Remarks: No leakage noted du		<u>225</u> psig Test T 20	emperatur	re Ambient °F			
7. ************************************	TIRE VI-2 CAMITON TO(25/7)	9					
		Certificate	- of Com	-11			
We certify that the statements ma	ade in this report are correct	and this REPAIR	Conforms	to Section XI of the AS	ME Code.		
Signed: Nendan (Owner or Owner)	Lasey ISI (COORDINATOR (Title)	/0/2 (Date)	. 19 <u>99</u>			
	, ,	(1100)	(D)				
		Codificati					
I, the undersigned, holding a vali	id commission issued by the	Certificate	- السمالية (December 11			
I, the undersigned, holding a vali by The Hartford Steam and Boile 18/1/2 and state to the best of m signing this certificate neither the report. Furthermore, neither the from or connected with this inspe	y knowledge and belief, this inspector nor his employer inspector nor his employer section.	s repair or replaceme	ent has bee , expresse y manner f	naving inspected the RE en constructed in accorda ed or implied, concerning for any personal injury of	SPAIR describ ance with Sect g the repair or or property dar	bed in this report on 10^{-1} , tion XI of the ASME Code. It replacement described in the image or a loss of any kind a	:. By
Date: 11-29-99 Inspect	or:	Kamy		Commissions: IL932, N	NB7742NISB r Province, N	ational Board)	

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT. REVISION OF THE ASTRONOMY OF THE PROPERTY OF THE PROPERTY

One First National	(Name) I Plaza, Chicago IL, 60690	(Address)	•			Date:11/8/99	<u>) </u>
2. Plant: Dresden Nuclea	ar Power Station (N	Name)	1	Ç.		Sheet: 1 Of	1
3. Work Performed By: Same	esden Road, Morris IL., 60			The second secon	T/D	Unit: 2	
<u>.</u>		Name)			Repair C	970070692-01 (PLAN) Organization P.O. No., Jo	2-99-046) ob No. etc.
4. Identification of System: 02		(Address)					
	-	10 67 Edition	NO Ad	Handa Cada Casas	MONIE		
	SAS B31.1.0 used for Repair/Replacemen			denda, Code Cases denda, Code Cases	NONE NONE	<u> </u>	
6. Identification of Components R	epaired or Replaced and Re	placement Compon-	ents				
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Outboard Main Steam Isolation Valve Disc (Valve 2- 0203-2B)	Crane -	Unknown	N/A	2-0203-2B	N/A	Replaced	No
Outboard Main Steam Isolation Valve Disc (Valve 2- 0203-2B)	Crane	Unknown	N/A	Cat ID# 0000008119	N/A	Replacement	No
·							1
7. Description of work: Valve rebuilt under Work Request 98003 8. Test Conducted: Hydrostatic	failed as found local leak ra 35839-01 (Repair Plan 3-98-6 [] Pneumatic [] No	020).				vas replaced. Main disc	was previously
	Test Pressure _1	N/A psig Test	t Temperat	ture N/A °F			
9. Remarks: None.							
We certify that the statements many	1/.	t and this REPLAC	te of Comp CEMENT	Conforms to Section X	I of the ASME	E Code.	
(Owner or Owner)	5 Designee)	COORDINATOR (Title)	(Date	/ <u>8</u> , 19 <u>99</u>			
		Contien					
I, the undersigned, holding a val by The Hartford Steam and Boild I 19 and state Code. By signing this certificate this report. Furthermore, neithe arising from or connected with the	er insurance and inspection to to the best of my knowledge neither the inspector nor his or the inspector nor his emplo	National Board of l Co. of Hartford, Co ge and belief, this re	onnecticut l epair or rep any warran	Pressure Vessel Inspect having inspected the R	EPLACEMENT Structed in according	NT described in this report ordance with Section XI of	rt on f the ASME

1. Owner: ComEd Compan One First Nation	y (Name) ial Plaza, Chicago IL, 60690	(Address)				Date:10/09/	99
2. Plant: Dresden Nucl	ear Power Station	Vame)				Sheet: 1 Of	1_
6500 North D	resden Road, Morris IL., 6	0450 (Address)				Unit: 3	
3. Work Performed By:San	te as Above (Name)			WR	980070617-01(PLAN 2-	99-049)
San	ne as Above	(Address)			Repair	Organization P.O. No., J	ob No. etc.
4. Identification of System:	0201 Reactor Recirculation						
5.(a) Construction Code (b) Edition of Section X	USAS B31.1.0 I used for Repair/Replacement	19 67 Edition, nt 19 89 Edition,	NO Ad	Idenda, Code Cases	NONE NONE		
5. Identification of Components							
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Snubber 2-0201-B-26	Pacific Scientific	6992	N/A	M-1157D-1	N/A	Replaced	Yes
Snubber 2-0201-B-26	Pacific Scientific	8138	N/A	0000664791	N/A	Replacement	Yes
Description of work: Replac	and existing DC 1.25 could be					<u> </u>	
. Description of work: Replace nubber since snubber stroked sr	noothly after initial test. Pipi	ng is USAS B31.1.	0-1967, no	onal test but performand o code stamping is requi	e was degradi red.	ng. It is believed that the	re was debris i
. Test Conducted: Hydrostat	ic [] Pneumatic [] No						
_	Test Pressure <u>N</u>	<u>I/A</u> psig Test Te	emperature	<u>N/A</u> "F			
. Remarks: None.							
			÷				
We certify that the statements r	nade in this report are correct	Certificat	te of Comp	pliance Conforms to Section XI	Infthe ASME	Code	
Signed: Brandan (TOT THE ASMID	Code.	İ
(Owner or Owne	s Designee)	COORDINATOR (Title)	(Date	<u>9</u> .19 <u>99</u>			
			· · · · · · · · · · · · · · · · · · ·				
		Certifica	te of Insp	ection			
I, the undersigned, holding a variety The Hartford Steam and Boi D - Q . 19 44 and sta Code. By signing this certificate this report. Furthermore, neith arising from or connected with	te to the best of my knowledg e neither the inspector nor his er the inspector nor his emplo	National Board of Co. of Hartford, Co e and belief, this re employer makes a eyer shall be liable i	Boiler and onnecticut lepair or rep uny warran in any man	Pressure Vessel Inspect having inspected the Ri olacement has been cons ty, expressed or implied the pressed or implied the pressonal inj	tructed in acco tructed in acco l, concerning t ury or propert	VT described in this repor rdance with Section XI of he repair or replacement d y damage or a loss of any	t on the ASME
Date: 10-9-99 Inspec	ctor: <u>furt</u>	Tfaire	m/_(Commissions: IL932, (State of	NB7742NISB or Province, N	ational Board)	

Ole Pitst Natio	1. Owner: ComEd Company (Name) One First National Plaza, Chicago IL, 60690 (Address)					Date: <u>10/26/99</u>		
						Sheet: 1 Of 1		
6500 North Dresden Road, Morris IL., 60450 (Address)						Unit: 2		
3. Work Performed By:Sa	ame as Above (Name)			WR 9	90101567-01 (PLAN 2-	99-051)	
<u></u>	ame as Above	(Address)			Repair	Organization P.O. No., J	ob No. etc.	
4. Identification of System: _	0201 Reactror Vessel							
5.(a) Construction Code	ASME Section III XI used for Repair/Replacement	, 19 <u>65</u> Edition,	NO Adde	nda, Code Cases	NONE			
				nda, Code Cases	NONE	•		
 Identification of Componen 	nts Repaired or Replaced and Re	placement Compone	ents					
Name of	Name of Manufacturer	Mfrs.	Nat	Other	Yr	Domain		
Component		Serial No.	Brd No	ID	Blt	Repair, Replaced or Replacement	Cod Stamp Yes/l	
Reactor Vessel Flange Surface	Babcock & Wilcox	610-0098-51-52	N-137	2-0201	1968	Repair	Yes	
							-	
					_		_	
							_	
							-	
			ļ					
					<u> </u>			
. Description of work: Repa	nired steam cuts and damage on	reactor vessel flange	surface.					
Test Conducted: Underest	ede () P		-					
. rest conducted. Hydrost	tatic [] Pneumatic [] No							
	Test Pressure N	N/A psig Test Ter	mperature 1	<u>√A</u> °F			•	
	system leakage test, no leakage	noted.						
		noted.						
. Remarks: <u>Inspected during</u>	system leakage test, no leakage	Cartificate	of Complia	ince	V. C. 1			
Remarks: <u>Inspected during</u> We certify that the statements	system leakage test, no leakage	Certificate	Conforms to	Section XI of the AS	ME Code.			
Remarks: <u>Inspected during</u> We certify that the statements	system leakage test, no leakage s made in this report are correct Casey ISI	Cartificate	Conforms to	nce Section XI of the AS , 19 <u>79</u>	ME Code.			
Remarks: Inspected during We certify that the statements Signed: Hundan	system leakage test, no leakage s made in this report are correct Casey ISI	Certificate and this REPAIR (Conforms to	Section XI of the AS	ME Code.			
Remarks: Inspected during We certify that the statements Signed: Hundan	system leakage test, no leakage s made in this report are correct Casey ISI	Certificate t and this REPAIR (COORDINATOR (Title)	Conforms to /0/26 (Date)	Section XI of the AS, 19	ME Code.			
Remarks: <u>Inspected during</u> We certify that the statements Signed: <u>Mundan</u> (Owner or Own	s made in this report are correct Casey ISI ner's Designee)	Certificate t and this REPAIR (COORDINATOR (Title)	Conforms to /0/26 (Date)	Section XI of the AS , 19 99 on				
Remarks: Inspected during We certify that the statements Signed: Owner or Own	s made in this report are correct Closey ISI Designee)	Certificate and this REPAIR (COORDINATOR (Tide)	Conforms to /0/26 (Date) e of Inspecti	Section XI of the AS, 19		ate or Province of Illinois,	employec	
Remarks: Inspected during We certify that the statements Signed: Owner or Own (Owner or Own I, the undersigned, holding a by The Hartford Steam and B 19 4 and state to the best o signing this certificate neither	s made in this report are correct Casey ISI Part & Designee) valid commission issued by the solier Insurance and Inspection of my knowledge and belief, this the inspector nor his employer.	Certificate t and this REPAIR (COORDINATOR (Title) Certificate National Board of B Co. of Hartford, Core trakes any warranger	Conforms to /0/26 (Date) e of Inspection have the properties of	on essure Vessel Inspected in accordance of the REconstructed in accordance of the REC	ors and the Str PAIR describ ance with Sect	oed in this report on 10 ion XI of the ASME Code	By .	
Remarks: Inspected during We certify that the statements Signed: Owner or Own (Owner or Own I, the undersigned, holding a by The Hartford Steam and B 19 and state to the best o signing this certificate neither report. Furthermore, neither	system leakage test, no leakage s made in this report are correct Losy ISI ner's Designee) valid commission issued by the Boiler Insurance and Inspection of my knowledge and belief, this the inspector nor his employer the inspector nor his employer	Certificate and this REPAIR (COORDINATOR (Title) Certificate National Board of B Co. of Hartford, Cor repair or replaceme makes any warranty shall be liable in any	Conforms to IO/26 (Date) e of Inspecti coller and Proposition that have the have the have the have the hard	on essure Vessel Inspected in accordance of the REconstructed in accordance of the REC	ors and the Str PAIR describ ance with Sect	oed in this report on 10 ion XI of the ASME Code	By .	
Remarks: Inspected during We certify that the statements Signed: Owner or Own (Owner or Own I, the undersigned, holding a by The Hartford Steam and B 19 and state to the best o signing this certificate neither	system leakage test, no leakage s made in this report are correct Losy ISI ner's Designee) valid commission issued by the Boiler Insurance and Inspection of my knowledge and belief, this the inspector nor his employer the inspector nor his employer	Certificate t and this REPAIR (COORDINATOR (Title) Certificate National Board of B Co. of Hartford, Core trakes any warranger	Conforms to 10/26 (Date) e of Inspecti coller and Proposition that have the have the have the conformation for	on essure Vessel Inspected in accordance of the REconstructed in accordance of the REC	ors and the Sta PAIR descrit ance with Sect g the repair of r property dat	ion XI of the ASME Code replacement described in mage or a loss of any kind	By .	

I. Owner	r: ComEd Compar	(Name)							
1. 0	One First Natio	onal Plaza, Chicago IL, 60690	(Address)				Date: 10/26/	·	
2. Plant:	Dresden Nuc	clear Power Station (N Dresden Road, Morris IL., 60	Name)				Sheet: 1 Of	_1_	
₹ Work		. N. Venture (N					Unit: 2		
-		ame as Above (A	•			WR Repair	R 990103405-01(PLAN 2 Organization P.O. No.,	99-052) Job No. etc.	
4. Identifi			Address)				-		
5.(a) (b)	Construction Code Edition of Section X	ASME Section III , XI used for Repair/Replacemen ts Repaired or Replaced and Rep			ldenda, Code Cases idenda, Code Cases	NONE N-416-1			
	Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stampe Yes/No	
2B CCS Exchange	SW/LPCI Heat ger	Berlin Chapman	05036-1	3004	2A-1503	1967	Repaired	Yes	
Stop Bar	r	Unknown	Unknown	N/A	TPC 2041754	NICA			
		Olido	Ulkhowii	IVA	UTC 2041754	N/A	Repair (New Installation)	No	
				1				+	
			ı] _!	1				
was perforn 8. Test Cor	onducted: Hydrostat	atic[] Pneumatic[] Nor	ominal Operating Pr 25 psig Test Test surveillance on 10/2	ressure [X emperature 24/99. No	Not Applicable [] Ambient °F D leakage observed.	snould prevent	ebris (mud and silt) colle t any future deformation	cting inside h	
We certify Signed:	y that the statements r Brendan (Owner or Owner)	made in this report are correct and a correc	and this REPAIR	te of Comp Conforms (Date)	s to Section XI of the As	SME Code.			
									
19 99 and signifing this report. Further from or co	and state to the best of this certificate neither the furthermore, neither the connected with this instant	valid commission issued by the loiler Insurance and Inspection Cf my knowledge and belief, this the inspector nor his employer rethe inspector nor his employer spection.	National Board of I Co. of Hartford, Co repair or replacem makes any warrant shall be liable in an	nent has bee ty, expresse ty manner f	Pressure Vessel Inspect having inspected the Ri	depart describ dance with Secting the repair or or property dar	bed in this report on	de. By	

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

1. Owner: ComEd Compar One First Natio	ny (Name) nal Plaza, Chicago IL, 60690	(Address)				Date: 10/27/9	99
2. Plant:						Sheet: 1 Of	1_
6500 North Dresden Road, Morris IL., 60450 (Address)						Unit: 2	
3. Work Performed By: G. N. Venture (Name)					WR	980038988-01 (PLAN	2-99-053)
Sar	ne as Above ((Address)			Repair (Organization P.O. No., Jo	b No. etc.
4. Identification of System:	1500 CCSW/LPCI						
5.(a) Construction Code (b) Edition of Section X	ASME Section III KI used for Repair/Replacement	, 19 65 Edition, nt 19 89 Edition,	NO Ac	idenda, Code Cases Idenda, Code Cases	NONE NONE		
6. Identification of Components	Repaired or Replaced and Re	placement Compon	ients				
Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2A CCSW/LPCI Heat Exchanger Tubes Lower Head Hex Nut	Unknown -	Unknown	N/A	2-1503A	N/A	Replaced	No
2A CCSW/LPCI Heat Exchanger Tubes Lower Head Hex Nut	Unknown	Unknown	N/A	SI #760H26	N/A	Replacement	No
7. Description of work: Replac	ced two hex nuts which were !	lost during heat exc	hanger dis	assembly.			
8. Test Conducted: Hydrosta 9. Remarks: Lower head was e	Test Pressure _	psig Test Te	emperature				
We certify that the statements Signed: (Owner or Owner)	Claser ISI	Certificat t and this REPLAC COORDINATOR (Title)		pliance Conforms to Section > (27 , 19 <u>99</u>	I of the ASME	Code.	
		C					
I, the undersigned, holding a very by The Hartford Steam and Boy 19 and structure and successful and successful and successful and successful arising from or connected with Date: 10 3 Miles Inspection	ate to the best of my knowledge ate neither the inspector nor his her the inspector nor his employer this inspection.	National Board of Co. of Hartford, Coge and belief, this re	onnecticut epair or rep any warran in any mar	Pressure Vessel Inspecthaving inspected the Foliacement has been con	REPLACEME structed in accord, concerning to jury or propert	NT described in this reported or the control of the control of the repair or replacement of the control of the	t on the ASME