

Commonwealth Edison Company  
Dresden Generating Station  
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Morris, IL 60450-9765

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December 29, 2000

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U. S. Nuclear Regulatory Commission  
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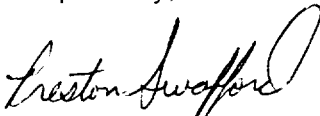
Dresden Nuclear Power Station Unit 3  
Facility Operating License No. DPR-25  
NRC Docket No. 50-249

Subject: Inservice Inspection (ISI) Summary Report  
Fall 2000 Inservice Inspection Period

Enclosed is the Dresden Nuclear Power Station (DNPS) Unit 3 Post-Outage (90 day) Summary Report for Inservice Inspection examinations and Repair/Replacement activities conducted from May 12, 1999 to October 1, 2000. Unit 3 completed its sixteenth refueling outage (D3R16) on October 2, 2000. This report has been submitted to you in accordance with the requirements of ASME Boiler and Pressure Vessel Code Section XI, "Rules for Inservice Inspection of Nuclear Power Plant Components," Article IWA-6200.

If there are any questions or comments concerning this letter, please refer them to Mr. Dale Ambler, our Regulatory Assurance Manager, at (815) 942-2920, extension 3800.

Respectfully,



Preston Swafford  
Site Vice President  
Dresden Nuclear Power Station

Attachment

cc: Regional Administrator – Region III  
NRC Senior Resident Inspector, Dresden Station

A047

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John F. Bashor  
Engineering Programs Supervisor

## **Section I**

### **Introduction**

The sixteenth Inservice Inspection (ISI) of Dresden Unit 3 was performed during the D3R16 outage which began on September 15, 2000 and was completed on October 3, 2000. This was the first of two scheduled refuel outages in the third inspection period of the unit's 3rd 10-year ISI Inspection Interval which commenced on March 1, 1992. The second period commenced on November 1, 1995 and ended on October 31, 1999 for all Categories except B-G-2, C-B and C-C. For Categories B-G-2, C-B and C-C, the second period was extended to October 31, 2000 in order to perform examinations during a refuel outage. The third period and third interval is currently scheduled to end on October 31, 2002. This report contains all examinations completed during D3R16 as well as any examinations which were not included in the previous Unit 3 Summary Report (dated May 20, 1999).

General Electric was contracted to perform the non-destructive examinations and visual examinations and reactor vessel visual examinations during the refuel outage. Dresden Engineering Programs Group performed the remaining visual examinations during D3R16 as well as any non-outage examinations.

The Authorized Nuclear Inservice Inspector's (ANII) services were provided by Hartford Steam Boiler Inspection and Insurance Company (HSB). The ANII reviewed procedures, personnel qualifications, instrument and material certifications, and examination results. The ANII reviewed all data for ASME Section XI credit. Data strictly for Generic Letter 88-01 credit was not reviewed by the ANII.

All examinations were performed in accordance with the Unit 3 Technical Specifications, the ASME Boiler and Pressure Vessel Code, Section XI, 1989 Edition and 1998 Edition (for IWE examinations), Generic Letter 88-01, and BWRVIP-18.

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 Company, P.O. Box 805379, Chicago, IL 60680-53792. Plant: Dresden Nuclear Power Station, 6500 N. Dresden Road, Morris, IL 604503. Plant Unit: Three 4. Owner Certificate of Authorization: N/A5. Commercial Service Date: 11/16/71 6. National Board Number of Unit: N-1397. Components Inspected: See Section II of this report (report is 86 total 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	610-0111-51-52	B0082900	N-139
Class 1 & 2 Systems	General Electric-APED Morris, IL	N/A	N/A	N/A

FORM NIS-1 (Back)

8. Examination Dates: 5/12/99 to 10/1/00

9. Inspection Period Identification: Third Inspection Period from 11/1/99 to 10/31/02.

10. Inspection Interval Identification: Third Inspection Interval - From 3/1/92 to 10/31/02

11. Applicable Edition of Section XI 1989 Edition with No Addenda and 1998 Edition (IWE Only)

12. Date/Revision of Inspection Plan: 6/30/00 - Revision 5

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

See Attached Sections II and III

14. Abstract of Results of Examinations and Tests.

See Attached Sections II and III

15. Abstract of Corrective Measures.

See Attached Sections III and V

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

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

Expiration Date: N/A

Date: 12-21 2000 Signed For: Exelon Corporation Dresden Nuclear Power Station

By: Brendan J. Casey Dresden Station ISI Coordinator

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by HSBI & I Co. of Hartford, Connecticut have inspected the components described in this Owner's Report during the period from 5/13/99 to 10/1/00, and state that to the best of my knowledge and belief, the owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI.

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

W. T. Casey

Inspector's Signature

Commissions: NB7742NISB, IL932

Date: 12-22 20 00

National Board, State, Province, and Endorsements

## **Section II**

### **Scope of Inspection**

#### **Abstract of Examinations**

##### **ISI and Augmented Examinations**

Table A contains a list of components examined prior to, during and after the D3R16 refuel outage, to satisfy the requirements of the Unit 3 Technical Specifications, ASME Section XI (1989 Edition and 1998 Edition), and Generic Letter 88-01. 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 "See 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 were visually (VT-3/4) examined during D3R15 as allowed per Dresden Station Inservice Inspection Plan Third Interval Relief Request CR-19. A sample population of snubbers are functionally tested every outage. Table A includes all the snubbers functionally tested during D3R16. Snubbers that required further evaluation are identified with "See Section III" in the results column and are further discussed in Section III of this report.

##### **Current Interval Status**

Dresden Station has submitted a request for relief (Relief Request CR-21) to apply Risk Informed ISI methodology for examination of Category B-F, B-J, C-F-1, and C-F-2 welds. As of this date (not using Risk Informed ISI methodology), the following percentages required for Class 1 examinations under Inspection Program B have been completed: Categories B-D (74% complete), B-F (65%), B-G-2 (75%) and B-J (67%). The percentages complete for Class 2 examinations are: C-A (100%), C-B (67%), C-C (53%), C-F-1 (64%) and C-F-2 (57%). The percentage completed for Class 3 examination Category D-B is 80%. For Category F-A, the percentage completed is 73%.

##### **Inspection Discrepancies**

While witnessing examinations of Category B-D components on the Reactor Recirculation and Jet Pump Instrumentation systems, Inspectors from the Illinois Department of Nuclear Safety (IDNS) and Hartford Steam Boiler Inspection and Insurance Company (HSB) observed procedural and code violations. Based on the violations, the results of these examinations were not accepted by Dresden Station and these examinations will be rescheduled during the D3R17 outage.

## Section II Scope of Inspection

**ISI and Augmented Examinations  
Table A**

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BD	B3.100	N/A	RPV	RPV SHELL	N3A-1	NIR	UT	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N3B-1	NIR	UT	XI	Acceptable
BD	B3.100	N/A	RPV	RPV SHELL	N9-1	NIR	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N3A-2	RPV-NOZ	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N3B-2	RPV-NOZ	UT	XI	Acceptable
BD	B3.90	N/A	RPV	RPV SHELL	N9-2	NOZ-RPV	UT	XI	Acceptable
BE	B4.11	N/A	RPV	RPV LWR HD	N7-2	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.11	N/A	RPV	RPV SHELL	N13A-2	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.11	N/A	RPV	RPV SHELL	N13B-2	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.11	N/A	RPV	RPV SHELL	N16A-2	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.11	N/A	RPV	RPV SHELL	N16B-2	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.12	N/A	RPV	RPV LWR HD	CRD NOZ (177)	RPV-NOZ	VT-2	XI	Acceptable
BE	B4.13	N/A	RPV	RPV LWR HD	INSTR NOZ(53)	RPV-NOZ	VT-2	XI	Acceptable
BF	B5.10	GL88-01 D	RHS	0304-6	N18A-3	SE-NOZ	UT	88	Acceptable
BF	B5.10	GL88-01 D	RHSP	RH SPARE	N18B-3	NOZ-SE	UT	88	Acceptable
BF	B5.10	GL88-01 D	RHV	0215-4	N8-3	NOZ-SE	UT	88	Acceptable
BF	B5.130	GL88-01 D	RHV	0215-4	4-1	FLG-P	UT	88	Acceptable
BG1	B6.10	N/A	RPV	RPV UPP HD	HD NUTS (92)	FLGBLT	VT-1	XI	Acceptable
BG1	B6.40	N/A	RPV	RPV UPP HD	FLG THRDS (92)	FLGBLT	UT	XI	Acceptable
BG1	B6.50	N/A	RPV	RPV UPP HD	WSHR/BSHG (92)	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	MSC	3001C-6	SV-3-203-4E	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	MSC	3001C-6	SV-3-203-4F	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	MSD	3001D-6	SV-3-203-4G	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	MSD	3001D-6	SV-3-203-4H	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RHS	0304-2.5	HS2.5-3-FLG	FLGBLT	VT-1	XI	See Section III
BG2	B7.50	N/A	RHS	0304-2.5	HS2.5-4-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RHS	0304-6	HS2.5-1-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RHSP	RH SPARE	6B-1-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RHV	0215-2	HV2-18-FLG	FLGBLT	VT-1	XI	See Section III
BG2	B7.50	N/A	RHV	0215-2	HV2-4-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RHV	0215-4	4A-1(A)-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RWCU	1201-8	RWC-11F-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.50	N/A	RWCU	12126-2	2-10(B)-FLG	FLGBLT	VT-1	XI	Acceptable

## Section II Scope of Inspection

### ISI and Augmented Examinations Table A

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BG2	B7.80	N/A	RPV	RPV LWR HD	CRD BLT/STD/NUT	FLGBLT	VT-1	XI	Acceptable
BJ	B9.11	GL88-01 A	ISCOSS	1302-14	14-9(A)	F-P	UT	XI	Acceptable
BJ	B9.11	GL88-01 D	RHS	0304-6	6A-1	FLG-SE	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RHSP	RH SPARE	6B-1	SE-FLG	UT	88	Acceptable
BJ	B9.11	GL88-01 D	RHV	0215-4	4A-1(A)	SE-FLG	UT	88	Acceptable
BJ	B9.11	GL88-01 A	RWCU	1201-8	RWC-10F	F-P	UT	XI	Acceptable
BN1	B13.10	N/A	RPV	RPV SHELL	VESSEL INT	RPV	VT-3/4	XI	See Section III
BN2	B13.20	N/A	RPV	RPV SHELL	IN-BELTLINE ATT	IWA	VT-1	XI	Acceptable
BO	B14.10	N/A	RPV	RPV LWR HD	A10-0239-3	P-FLG	PT	XI	Acceptable
BO	B14.10	N/A	RPV	RPV LWR HD	E2-1807-3	P-FLG	PT	XI	Acceptable
BO	B14.10	N/A	RPV	RPV LWR HD	N13-5051-3	P-FLG	PT	XI	Acceptable
BO	B14.10	N/A	RPV	RPV LWR HD	R8-5831-3	P-FLG	PT	XI	Acceptable
BP	B15.XX	N/A	RC	TEST BLOCK	3RC01	N/A	VT-2	XI	See Section III
BP	B15.XX	N/A	SC	TEST BLOCK	3SC01	N/A	VT-2	XI	Acceptable
CB	C2.21	N/A	ISCOCR	1303A-8	8-8	SHL-NOZ	MT UT	XI XI	Acceptable
CB	C2.21	N/A	ISCOCR	1303B-8	8-9	SHL-NOZ	MT UT	XI XI	Acceptable
CB	C2.21	N/A	ISCOSS	1302A-12	12-8	NOZ-SHL	MT UT	XI XI	Acceptable
CB	C2.21	N/A	ISCOSS	1302B-12	12-9	NOZ-SHL	MT UT	XI XI	Acceptable
CB	C2.31	N/A	ECCS	1501-20	20-6	SDL-SHL	MT	XI	Acceptable
CB	C2.31	N/A	ECCS	1501-20	20-8	SDL-SHL	MT	XI	Acceptable
CB	C2.33	N/A	ECCS	1501-20	20-11	NOZ-SHL	VT-2	XI	Acceptable
CB	C2.33	N/A	ECCS	1501-20	20-5	NOZ-SHL	VT-2	XI	Acceptable
CB	C2.33	N/A	ECCS	1501-20	20-7	NOZ-SHL	VT-2	XI	Acceptable
CB	C2.33	N/A	ECCS	1501-20	20-9	NOZ-SHL	VT-2	XI	Acceptable
CC	C3.20	N/A	ECCS	1501-24	M-3402-01	IWA	MT	XI	Acceptable
CC	C3.20	N/A	ECCS	1501-24	M-3402-02	IWA	MT	XI	Acceptable
CC	C3.20	N/A	ECCS	1501-24	M-3402-09	IWA	MT	XI	Acceptable



## Section II Scope of Inspection

**ISI and Augmented Examinations  
Table A**

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
CC	C3.20	N/A	ECCS	1501-24	M-3402-10	IWA	MT	XI	Acceptable
CC	C3.20	N/A	ECCS	1501-24	M-3402-11	IWA	MT	XI	Acceptable
CC	C3.20	N/A	ECCS	1501-24	M-3402-12	IWA	MT	XI	Acceptable
CC	C3.20	N/A	ISCOSS	1302-14	M-1199D-261	IWA	PT	XI	Acceptable
CF1	C5.11	GL88-01 C	ISCOSS	1302-14	14-1	VLV-P	UT	OR	Acceptable
CF1	C5.11	GL88-01 C	ISCOSS	1302-14	14-6	P-P	UT	88	Acceptable
CF1	C5.11	GL88-01 C	ISCOSS	1302A-12	12-2	P-EL	UT	88	Acceptable
CF1	C5.11	GL88-01 C	ISCOSS	1302A-12	12-3	EL-P	UT	88	Acceptable
CF1	C5.11	GL88-01 C	ISCOSS	1302A-12	12-3.1	P-P	UT	88	Acceptable
CF1	C5.11	GL88-01 C	ISCOSS	1302A-12	12-4	P-EL	UT	88	Acceptable
CF1	C5.11	GL88-01 C	ISCOSS	1302A-12	12-5	EL-P	UT	88	Acceptable
CH	C7.XX	N/A	CS	TEST BLOCK	3CS01	N/A	VT-2	XI	Acceptable
CH	C7.XX	N/A	EC	TEST BLOCK	3EC01	N/A	VT-2	XI	Acceptable
CH	C7.XX	N/A	EC	TEST BLOCK	3EC02	N/A	VT-2	XI	Acceptable
CH	C7.XX	N/A	HP	TEST BLOCK	3HP01	N/A	VT-2	XI	Acceptable
CH	C7.XX	N/A	HP	TEST BLOCK	3HP02	N/A	VT-2	XI	Acceptable
CH	C7.XX	N/A	LP	TEST BLOCK	3LP01	N/A	VT-2	XI	Acceptable
CH	C7.XX	N/A	RC	TEST BLOCK	3RC01	N/A	VT-2	XI	Acceptable
CH	C7.XX	N/A	SC	TEST BLOCK	3SC01	N/A	VT-2	XI	Acceptable
CH	C7.XX	N/A	SC	TEST BLOCK	3SC02	N/A	VT-2	XI	Acceptable
CH	C7.XX	N/A	SC	TEST BLOCK	3SC03	N/A	VT-2	XI	Acceptable.
DB	D2.1A	N/A	CCSWBD	1510-16	M-1200D-137	IWA	VT-3/4	XI	Acceptable
DB	D2.1A	N/A	CCSWBD	1510B-8	M-1200D-299	IWA	VT-3/4	XI	Acceptable
DB	D2.1A	N/A	SRVDA	3019A-12	M-1213D-1	IWA	VT-3/4	XI	Acceptable
DB	D2.1A	N/A	SRVDB	3019B-12	M-1213D-4	IWA	VT-3/4	XI	Acceptable
DB	D2.1A	N/A	SRVDC	3019C-12	M-1213D-7	IWA	VT-3/4	XI	Acceptable
DB	D2.1A	N/A	SRVDD	3019D-12	M-1213D-10	IWA	VT-3/4	XI	Acceptable
DB	D2.1A	N/A	SRVDE	3019E-12	M-1213D-13	IWA	VT-3/4	XI	Acceptable
DB	D2.OT	N/A	N/A	TEST BLOCK	39C2	N/A	VT-2	XI	Acceptable
DB	D2.XX	N/A	CC	TEST BLOCK	3CC01	N/A	VT-2	XI	Acceptable
DB	D2.XX	N/A	DG	TEST BLOCK	2/3DG01	N/A	VT-2	XI	Acceptable
DB	D2.XX	N/A	DG	TEST BLOCK	2/3DG02	N/A	VT-2	XI	Acceptable
DB	D2.XX	N/A	DG	TEST BLOCK	3DG01	N/A	VT-2	XI	Acceptable
DB	D2.XX	N/A	DG	TEST BLOCK	3DG02	N/A	VT-2	XI	Acceptable
DB	D2.XX	N/A	IC	TEST BLOCK	3IC01	N/A	VT-2	XI	Acceptable

## Section II Scope of Inspection

**ISI and Augmented Examinations  
Table A**

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
DB	D2.XX	N/A	IC	TEST BLOCK	3IC02	N/A	VT-2	XI	Acceptable
EA	E1.11	N/A	PRICON	N/A	DRYWELL LINER	COATING	GV	XI	See Section III
EA	E1.30	N/A	PRICON	N/A	DRYWELL LINER	MBARR	GV	XI	See Section III
EC	E4.12	N/A	PRICON	N/A	DRYWELL LINER	SURF	UT	XI	Acceptable
FA	F1.10	N/A	FWA	3204F-12	M-1192D-258	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	FWA	3204F-12	M-1192D-260	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	FWB	3204B-18	X-107A-F	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	MSA	3001A-20	M-564J SHT 17	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	MSA	3001A-20	M-564J SHT 18	CL 1 SUP	VT-3/4	XI	See Section III
FA	F1.10	N/A	MSA	3001A-20	M-564J SHT 24	CL 1 SUP	VT-3/4	XI	See Section III
FA	F1.10	N/A	MSB	3001B-20	M-564K SHT 23	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	MSB	3001B-20	M-564K SHT 25	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	MSC	3001C-20	M-564L SHT 23	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	MSC	3001C-20	M-564L SHT 26	CL 1 SUP	VT-3/4	XI	See Section III
FA	F1.10	N/A	MSD	3001D-20	M-564M SHT 23	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	MSD	3001D-20	X-105D-F	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	MSDN	3007-2	X-106-F	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	RRAS	0202A-28	M-1193D-1002	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	RRBS	0202B-28	M-1193D-1005	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	RWCU	1201-8	X-113-F	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.10	N/A	SDC	1001B-16	X-111B-PG	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	HPCIPD	2304-14	M-1187D-277	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	ISCOSS	1302A-12	M-1199D-68	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F1.20	N/A	RWCU	1221-8	M-1187D-266	CL 2 SUP	VT-3/4	XI	Acceptable
FA	F1.30	N/A	CCSWBD	1510-16	M-1200D-125	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F1.30	N/A	CCSWBD	1510-16	M-1200D-96	CL 3 SUP	VT-3/4	XI	See Section III
FA	F1.30	N/A	CCSWBD	1510B-8	M-1200D-299	CL 3 SUP	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RPV	RPV SHELL	M-1211D-1	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RPV	RPV SHELL	M-1211D-3	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RRBS	MO-0202-4B	M-1193D-1130	CL 1 SUP	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RRBS	PMP 3B-0202	M-1193D-1121	CL 1 SNB	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RRBS	PMP 3B-0202	M-1193D-1122	CL 1 SNB	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RRBS	PMP 3B-0202	M-1193D-1123	CL 1 SNB	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RRBS	PMP 3B-0202	M-1193D-1124	CL 1 SNB	VT-3/4	XI	Acceptable
FA	F1.40	N/A	RRBS	PMP 3B-0202	M-1193D-1125	CL 1 SNB	VT-3/4	XI	Acceptable

Exelon Corporation  
P.O. Box 805379, Chicago, IL 60680-5379

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

September 2000 Inservice Inspection  
Unit No. 3; National Board No. N-139  
Commercial Service Date: 11-16-71

## Section II Scope of Inspection

**ISI and Augmented Examinations  
Table A**

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
FA	F1.40	N/A	RRBS	PMP 3B-0202	M-1193D-1126	CL 1 SNB	VT-3/4	XI	Acceptable
TS	3/4.8.F	N/A	CRDSD	0404A-1	3-0404A-08	CL2 SNB	FT	XIOR	Acceptable
TS	3/4.8.F	N/A	CRDSD	0410B-2	3-0410B-01	CL2 SNB	FT	XIOR	Acceptable
TS	3/4.8.F	N/A	ECCS	1501-24	3-1501-01	CL2 SNB	FT	XIOR	Acceptable
TS	3/4.8.F	N/A	LPCIBD	1533-23	3-1533-23	CL2 SNB	FT	XIOR	Acceptable
TS	3/4.8.F	N/A	LPCITR	1521-24	3-1521-24	CL2 SNB	FT	XIOR	Acceptable
TS	3/4.8.F	N/A	MSB	3001B-20	3-3001B-44	CL1 SNB	FT	XIOR	Acceptable
TS	3/4.8.F	N/A	MSC	3001C-20	3-3001C-51	CL1 SNB	FT	XIOR	Acceptable
TS	3/4.8.F	N/A	MSD	3001D-20	3-3001D-49	CL1 SNB	FT	XIOR	Acceptable
TS	3/4.8.F	N/A	RRAS	PMP 3A-0202	3-0202-04	CL1 SNB	FT	XIOR	Acceptable
TS	3/4.8.F	N/A	RRBS	PMP 3B-0202	3-0202-07	CL1 SNB	FT	XIOR	Acceptable
TS	3/4.8.F	N/A	RWCU	1201-8	3-1201-25	CL1 SNB	FT	XIOR	Acceptable
TS	3/4.8.F	N/A	SRVDC	3019C-52	3-3019C-52	CL3 SNB	FT	XIOR	Acceptable
TS	3/4.8/F	N/A	ECCS	1501-24	3-1501-18	CL2 SNB	FT	XIOR	Acceptable

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## Section II Scope of Inspection

Expansions  
Table B

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
FA	F1.10	N/A	MSA	3001A-20	M-564J SHT 1	CL 1 SNB	VT-3/4		Acceptable
FA	F1.10	N/A	MSA	3001A-20	M-564J SHT 21	CL 1 SUP	VT-3/4		Acceptable
FA	F1.10	N/A	MSA	3001A-20	M-564J SHT 3	CL 1 SNB	VT-3/4		Acceptable
FA	F1.10	N/A	MSB	3001B-20	M-564K SHT 22	CL 1 SUP	VT-3/4		Acceptable
FA	F1.10	N/A	MSC	3001C-20	M-564L SHT 24	CL 1 SUP	VT-3/4		Acceptable
FA	F1.10	N/A	MSC	3001C-20	M-564L SHT 25	CL 1 SUP	VT-3/4		Acceptable
FA	F1.10	N/A	MSC	3001C-20	X-105C-PG	CL 1 SUP	VT-3/4		Acceptable
FA	F1.10	N/A	MSD	3001D-20	M-564M SHT 22	CL 1 SUP	VT-3/4		Acceptable
FA	F1.10	N/A	MSD	3001D-20	M-564M SHT 24	CL 1 SUP	VT-3/4		Acceptable

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## 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	3-THD-FLGD	THD-FLG	MT		Acceptable
BA	B1.40	N/A	RPV	RPV UPP HD	3-THD-FLGE	THD-FLG	MT		Acceptable
BA	B1.40	N/A	RPV	RPV UPP HD	3-THD-FLGF	THD-FLG	MT		Acceptable
FA	F1.20	N/A	ISCOCR	1303-12	M-1199D-258	CL 2 SUP	VT-3/4		Acceptable
FA	F1.20	N/A	ISCOCR	1303-12	M-1199D-4	CL 2 SUP	VT-3/4		Acceptable
FA	F1.20	N/A	ISCOCR	1303-12	M-1199D-5	CL 2 SUP	VT-3/4		See Section III
FA	F1.30	N/A	CCSWBD	1510-16	M-1200D-288	CL 3 SUP	VT-3/4		See Section III
FA	F1.30	N/A	CCSWBD	1510-16	M-1200D-289	CL 3 SUP	VT-3/4		Acceptable
FA	F1.30	N/A	CCSWBD	1510-16	M-1200D-292	CL 3 SUP	VT-3/4		See Section III

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## Section II Scope of Inspection

### Baseline Examinations Table D

Category	Item	Augment	System	Line	Component	Type	Exam	Credit	Results
BG1	B6.20	N/A	RPV	RPV UPP HD	HD STUDS IN PLC (92)	FLGBLT	MT UT	XI XI	Acceptable
BG2	B7.50	N/A	RHV	0215-2	HV2-18-FLG	FLGBLT	VT-1	XI	Acceptable
BG2	B7.70	N/A	MSB	3001B-6	ERV-3-203-3B	VLVBLT	VT-1	XI	Acceptable
BG2	B7.70	N/A	MSB	3001B-6	ERV-3-203-3E	VLVBLT	VT-1	XI	Acceptable
BG2	B7.80	N/A	RPV	RPV LWR HD	CRD BLT/STD/NUT	FLGBLT	VT-1	XI	Acceptable
FA	F1.10	N/A	MSB	3001B-20	M-564K SHT 2	CL 1 SNB	VT-3/4	XI	Acceptable
FA	F1.10	N/A	SDC	1001B-16	X-111B-F	CL 1 SUP	VT-3/4	XI	Acceptable

### **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 3 Technical Specifications and Section XI of the ASME Boiler and Pressure Vessel Code, 1989 and 1998 Editions.

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

### Section III

## Abstract of Corrective Measures

Category	Item	Augment	System	Line	Component	Type
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#### ISI and Augmented Examinations

BG2	B7.50		RHS	0304-2.5	HS2.5-3-FLG	FLGBLT
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During VT-1 of flange bolting in place and under tension, three bolts were discovered to have less than full nut engagement. Per DOC ID #0005768038, a minimum of 80% thread engagement is considered acceptable. All three bolts have at least 80% thread engagement (two bolts have 90%, the third has 85%). This is an installation error, this connection is not broken open during normal maintenance activities.

BG2	B7.50		RHV	0215-2	HV2-18-FLG	FLGBLT
-----	-------	--	-----	--------	------------	--------

During VT-1 examination of reactor head vent line connection, bolt was found to be sawed in half (cut during flange disassembly) and four studs had nuts "frozen" in place. Bolting was replaced under Repair/Replacement Plan 3-00-056. Conditions noted were from previous assembly and not service-induced.

BN1	B13.10		RPV	RPV SHELL	VESSEL INT	RPV
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During VT-3/4 examination of reactor vessel accessible surfaces, a the steam separator lower guide rod was found to be bent. The bent rod does not hinder reassembly of the reactor vessel. Information regarding the damage was forwarded to General Electric under INR #3R16-00-02. It is believed that this damage occurred in the early 1970's. All of the guide rods were examined D3R16, no sample expansion was required.

All of the Core Spray piping internal to the reactor vessel was examined using ultrasonic or EVT-1 enhanced visual inspection. These inspections are performed in accordance with BWRVIP-18, "BWR Vessels and Internals Projects, BWR Core Spray Internals Inspection and Flaw Evaluation Guidelines". Previously identified cracks on P4c welds located on the 110° and 260° downcomers were sized ultrasonically. These flaws were previously evaluated after D3R14 under Sargent & Lundy Flaw Analysis SL-5130 in accordance with ASME Section XI and BWRVIP-18 (ComEd Calculation package DRE97-0160). These flaws were deemed to be acceptable for two cycles. Although the two flaws have increased in length, they remain under the lengths conservatively projected by the D3R14 analysis.

The flaws were again evaluated after this (D3R16) inspection. The flaws are acceptable for another two cycles of operation. Other flaws at two P8a locations have also been evaluated. These flaws are of less concern since they do not impact the ECCS LOCA leakage analysis. These welds have been evaluated from a structural perspective and have been found to be acceptable. A third P8a at the 80° downcomer had a contingency repair installed during D3R15.

Also, in accordance with BWRVIP-18, the Core Spray sparger "target weld" set identified under part 3.2.3 was inspected. The sparger was baseline inspected during D3R14. The D3R16 scope consisted of an EVT-1 of all S-1, S-2 and S-4 welds and a VT-1 of 50% of the S-3 welds. No indications were identified on sparger welds.

BP	B15.XX		RC	TEST BLOCK	3RC01	N/A
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During the D3R16 system leakage test a small number of recordable indications were discovered. CRs D2000-05527 and D2000-05615 were initiated to document discrepancies. The following recordable indications were noted and addressed per the provisions of Relief Request PR-18 or subsequent corrective maintenance: Flange bolting on Control Rod Drives B-04, B-12, F-02, L-03 and N-08 (corrective measures performed under WR 990141205-01); bonnet leaks on the following control rod drive hydraulic control unit valves: 3-0305-101(A-06, B-07, B-09, C-05, C-06, D-03, D-07, D-11, E-07, E-12, E-14, and G-08); 3-0305-102(A-07, B-06, B-10, D-06, E-12, H-06, J-05, K-05, K-06, and L-05); 3-0305-107 (A-10, C-09, F-04 and F-07); 3-0305-123(E-03, G-12 and H-01); 3-0305-126(A-09, B-11 and D-02), and Accumulators for F-10 and G-10. CRD corrective measures were performed under WRs 990141204-01, 990141204-02, and 990231038-01.



### Section III

### Abstract of Corrective Measures

Category	Item	Augment	System	Line	Component	Type
ISI and Augmented Examinations						

EA	E1.11		PRICON	N/A	DRYWELL LINER	COATING
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UT thickness readings were taken in this area in conjunction with the moisture barrier replacement. No significant wastage was observed visually, or detected with the UT thickness readings. Therefore, this condition is considered acceptable. As a preventative measure, AR 990109893 was initiated to repair the Service Level I coating during the next refueling outage (D3R17) in order to prevent any long term degradation which could impact the structural integrity of the containment structure.

EA	E1.30		PRICON	N/A	DRYWELL LINER	MBARR
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During visual examination of the moisture barrier between the drywell liner and the drywell basement, the condition of the existing moisture barrier was found to be unacceptable. The existing moisture barrier was removed under WR 990153643 and a detail visual inspection was performed prior to installation of the new moisture barrier material. The detailed visual examination revealed areas of surface corrosion where the moisture barrier had been removed. The area at the 45 degree azimuth has the most significant corrosion with the deepest pit approximately 3/32" deep. UT thickness readings were taken at the moisture barrier location and ten inches above the floor at eleven locations around the drywell and revealed no areas of localized degradation. UT thickness readings were also taken at areas of localized corrosion at 45 degrees and 240 degrees. The lowest reading taken was 0.97 inches which is within the allowable corrosion allowance of 1/4". The new moisture barrier was installed under WR 990153643. A general visual examination was performed on the new moisture barrier and found acceptable.

FA	F1.10		MSA	3001A-20	M-564J SHT 18	CL 1 SUP
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During VT-3/4 examination, baseplate bolting was discovered to be loose. Initiated CR D2000-05296 to document discrepancy and AR 99010649 for Mechanical Maintenance to tighten bolting. Expanded to adjacent supports M-564J SHT 1 and M-564J SHT 3. Four supports of the same type and function were scheduled for examination during the current inspection period, therefore the expansion included four additional supports of the same type and function within the system (M-564J SHT 21, M-564K SHT 22, M-564L SHT 24, and M-564M SHT 24) in accordance with Paragraph -2430(a) of Code Case N-491-1. Support was reinspected and found acceptable.

FA	F1.10		MSA	3001A-20	M-564J SHT 24	CL 1 SUP
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During VT-3/4 examination of strut, a loose lock nut was discovered. CR D2000-05294 was initiated to document discrepancy. Initiated AR 990109649 for Mechanical Maintenance to tighten bolting. Support was reinspected and found acceptable.

FA	F1.10		MSC	3001C-20	M-564L SHT 26	CL 1 SUP
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During VT-3/4 examination, loose baseplate bolts were discovered. Initiated CR D2000-05298 to document discrepancy. Initiated AR 990109649 for Mechanical Maintenance to tighten bolting. Expanded to adjacent supports M-564L SHT 25 and X-105C-PG. Four supports of the same type and function were scheduled for examination during the current inspection period, therefore the expansion included the only remaining support of the same type and function within the system (M-564M SHT 22) in accordance with Paragraph -2430(a) of Code Case N-491-1. Support was reinspected and found acceptable.

FA	F1.30		CCSWBD	1510-16	M-1200D-96	CL 3 SUP
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During VT-3/4 examination, sighthole was found to be missing on clamp-side of strut. CR D2000-02004 initiated on discrepancy. This was not a service-induced condition, no sample expansion was required. AR 990084641 was initiated to drill sighthole in strut and full thread engagement was verified.

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### Section III

## Abstract of Corrective Measures

Category	Item	Augment	System	Line	Component	Type
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#### Reinspections

FA	F1.20		ISCOCR	1303-12	M-1199D-5	CL 2 SUP
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During reinspection of support, a loose locknut was discovered. CR D2000-05080 was initiated to document the discrepancy and locknut was tightened under WR 990032317-15. No other discrepancies were noted on support, no sample expansion was required. Support was reinspected and found acceptable.

FA	F1.30		CCSWBD	1510-16	M-1200D-288	CL 3 SUP
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During VT-3/4 examination of Support M-1200D-288, discovered weld rod used as locking device instead of cotter pins. Initiated CR D2000-02007 to document discrepancy and AR 990162718 for Mechanical Maintenance to replace weld rod with cotter pins. This was an installation error and not service induced, therefore no sample expansion was required. Support was reinspected and found acceptable.

FA	F1.30		CCSWBD	1510-16	M-1200D-292	CL 3 SUP
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During VT-3/4 examination of support, inspector noted there were no locking devices or staked threads for turnbuckle (potential for turnbuckle to loosen). Initiated CR D2000-02005 to document discrepancy and AR 990084644 for Mechanical Maintenance to stake threads adjacent to turnbuckle. No loose connections were noted during examination, therefore a sample expansion was not required. Support was reinspected and found acceptable.

## Section IV

### Abbreviations

#### Component Type

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

## Section IV Abbreviations

### Credit

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

### Other

AR	Action Request
CR	Condition Report
DR	Discrepancy Record
PIF	Performance Improvement Form
WR	Work Request

### 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

## Section IV

### Abbreviations

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

## **Section V**

### **Repairs and Replacements Since the Preceding Summary Report**

Several ASME Section XI repairs and replacements have taken place at Dresden Unit 3 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. 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.

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. Two of the four NIS-2 forms were submitted in the D2R16 Report in January of 2000. The remaining two NIS-2 forms for Plan 2-96-001 are included in this report.

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.

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## Section V

### Repairs and Replacements Since the Preceding Summary Report

NIS-2 No.	Work Request
2-96-001	950097241
3-00-001	980126889-02
3-00-005	990020705-01
3-00-007	990138990-01
3-00-008	990120170
3-00-009/056	990052144-01
3-00-010	970049207-02
3-00-011	980105833-01
3-00-012	990125049-01
3-00-014	990019221-01
3-00-015	990019221-03
3-00-017	990016485-01
3-00-018	990016485-03
3-00-020	990110735-01
3-00-023	940096859-01
3-00-024	940096862-01
3-00-025	980123403-01
3-00-026	980122886-01
3-00-027	980123402-01
3-00-028	980124029-01
3-00-029	990051766-01
3-00-030	990051765-01
3-00-032	990019169-01
3-00-034	990125051-01
3-00-035	990125051-02
3-00-038	990106527-01
3-00-039	990132681-01
3-00-040	990170130-01
3-00-041	990173236
3-00-043	990014970-01
3-00-045	990195478-01
3-00-046	990195473-01
3-00-051	970134082-01
3-00-054	980043258-01
3-00-055	990211614-01
3-00-057	980064101-01
3-00-059	990141205-01
3-00-061	990014973-01
3-94-054	930055112
3-94-080	930052426
3-95-004	940096511
3-96-013	950046271
3-98-004	970131266

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## Section V

### Repairs and Replacements Since the Preceding Summary Report

NIS-2 No.	Work Request
3-98-040	970076194
3-99-003	970028050
3-99-012	950065579
3-99-013	950065580
3-99-015	980043261
3-99-022	970076187
3-99-032	980131116
3-99-036	990011505
3-99-037	990011914
3-99-042	990060559-01
3-99-043	990046067-01
3-99-044	990053458-01



1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 10/6/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: Same as Above (Name)  
Same as Above (Address) WR 950097241-03 (PLAN 2-96-001)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 0203 Main Steam
- 5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Spare Main Steam Isolation Valve (MSIV) Disc	Crane	Unknown	N/A	None	N/A	Repair	No
Pilot Disc for Main Steam Isolation Valve (MSIV) Disc	Crane	Unknown	N/A	None	N/A	Replaced	No
Pilot Disc Seat for Main Steam Isolation Valve (MSIV) Disc	Crane	Unknown	N/A	None	N/A	Replaced	No
Pilot Disc for Main Steam Isolation Valve (MSIV) Disc	Crane	None Identified	N/A	SI #570C90	N/A	Replacement	No
Pilot Disc Seat for Main Steam Isolation Valve (MSIV) Disc	Crane	None Identified	N/A	SI #570C91	N/A	Replacement	No

7. Description of work: Refurbished spare main steam isolation valve main disc (removed existing Stellite hardfacing and rewelded with Stellite 21). Replaced existing pilot seat and pilot disc seat. Performed visual and liquid penetrant examinations after welding was completed.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Not Applicable ☒  
Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: None.

### Certificate of Compliance

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

Signed: Brendan J. Casey ISI COORDINATOR 10-6, 20 00  
(Owner or Owner's Designee) (Title) (Date)

### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR/REPLACEMENT** described in this report on 10-9, 20 00 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-9-00 Inspector: Rust J. Rasing Commissions: IL932, NB7742NISB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
- Date: 10/24/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)
- Sheet: 1 Of 1
- Unit: 3
3. Work Performed By: Same as Above (Name)  
Same as Above (Address)
- WR 950097241-04 (PLAN 2-96-001)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 0203 Main Steam
- 5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases N-62-7  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

### 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Spare Main Steam Isolation Valve Disc	Crane	None	N/A	None	N/A	Repair	No
Spare Main Steam Isolation Valve Disc Pilot Disc	Crane	Unknown	N/A	None	N/A	Replaced	No
Spare Main Steam Isolation Valve Disc Pilot Disc	Crane	C3937	N/A	SI 570C91	N/A	Replacement	No

7. Description of work: Refurbished spare main steam isolation valve main disc and replaced existing pilot disc with brand new pilot disc. Refurbishment of main disc included rewelding main seating surface and guide tabs.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Not Applicable ☒

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

9. Remarks: Spare assembly was installed in the 3-0203-2C valve during D3R16 under Repair/Replacement Plan 3-00-043.

### Certificate of Compliance

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

Signed: Brendan J. Casey ISI COORDINATOR 12-15, 2000  
(Owner or Owner's Designee) (Title) (Date)

### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR/REPLACEMENT** described in this report on 12-22, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 12-22-00 Inspector: Kurt T. Peirce Commissions: IL932, NB7742NISB  
(State or Province, National Board)

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

DATE 11-10  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 4-6-2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL, 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: Same as Above (Name)  
Same as Above (Address) WR 980126889-02 (PLAN 3-00-001)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 3900 Diesel Generator Cooling Water (Service Water)
- 5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Unit 3 Diesel Generator Cooling Water Pump	Crane Chem Pump	Not Recorded	N/A	3-3903	N/A	Replaced	No
Unit 3 Diesel Generator Cooling Water Pump	Crane Chem Pump	Not Recorded	N/A	Catalog ID Number 0000018681/ UTC Number 0002045221	N/A	Replacement	No

7. Description of work: Replaced existing diesel generator cooling water pump with a refurbished spare

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

Test Pressure 83 psig Test Temperature 70 °F

9. Remarks: Performed VT-2 during system functional test on 2/24/2000, no leakage observed.

**Certificate of Compliance**

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

Signed: Brendan J. Casey ISI COORDINATOR 4-27, 2000  
(Owner or Owner's Designee) (Title) (Date)

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 4-27-00, 1900 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 4-27-00 Inspector: Paul T. Remy Commissions: IL932, NB7742NISB  
(State or Province, National Board)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT  
As Required by the Provisions of ASME Code Section XIDAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 10/30/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: Same as Above (Name)  
Same as Above (Address) WR 990020705-01 (PLAN 3-00-005)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 1400 Core Spray
- 5.(a) Construction Code USAS B31.1-0/ASME Section VIII, 19 67/65 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Core Spray Discharge Relief Valve (2" NPS Inlet)	Unknown	Not Recorded	N/A	Valve 3-1402-28A	N/A	Replaced	No
Core Spray Discharge Relief Valve Inlet Flange Bolting (5/8"-11, A-193 Grade B7 Bolts, A-194 Grade 2H Hex Nuts)	Unknown	Unknown	N/A	Valve 3-1402-28A	N/A	Replaced	No
Core Spray Discharge Relief Valve (2" NPS Inlet)	Allied Valve Ind. Inc.	TM18501	N/A	Catalog ID 45338 UTC 2062925	N/A	Replacement	No
Core Spray Discharge Relief Valve Inlet Flange Bolts (5/8"-11, A-193 Grade B7)	Unknown	None Identified	N/A	Catalog ID 2381 UTC 2052941	N/A	Replacement	No
Core Spray Discharge Relief Valve Inlet Flange Hex Nuts (5/8"-11, A-194 Grade 2H)	Unknown	Heat MPM	N/A	Catalog ID 37029 UTC 2005510	N/A	Replacement	No

7. Description of work: Replaced existing "A" Core Spray discharge relief valve with retested spare assembly during IST surveillance. Inlet flange bolting had minor corrosion and was replaced at the discretion of the mechanic, no flaws were noted with inlet flange bolting.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]  
Test Pressure 253 psig Test Temperature Ambient °F

9. Remarks: No leakage identified during functional leak test on 9/27/2000.

## Certificate of Compliance

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

Signed: Brendan J. Casey ISI COORDINATOR 10-30, 2000  
(Owner or Owner's Designee) (Title) (Date)

## Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-31, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-31-00 Inspector: Paul T. Finney Commissions: IL932, NB7742NISB  
(State or Province, National Board)

- Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
- Date: 5-11-2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL, 60450 (Address)
- Sheet: 1 Of 1
- Unit: 3
3. Work Performed By: Same as Above (Name)  
Same as Above (Address)
- WR 990138990-01 (Plan 3-00-007)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 1500 CCSW/LPCI
5. (a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3A CCSW/LPCI Heat Exchanger	Berlin Chapman	05036-4	3007	3-1503A	1967	Repair	Yes
Tube plugs (2 total)	Unknown	Unknown	N/A	Catalog ID Number 27487	N/A	Repair	No

7. Description of work: Plugged leaking tube on the 3A CCSW/LPCI heat exchanger. Mechanical Maintenance plugged tube per DMP 1500-03.
8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]  
Test Pressure N/A psig Test Temperature N/A °F
9. Remarks: Hydrostatic test not required per IWA-4700(b)(2), Mechanical Maintenance did perform a leak check of newly installed plugs under DMP 1500-03 and verified no leakage.

### Certificate of Compliance

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

Signed: Brendan J. Casuy ISI COORDINATOR 5-11, 20 00  
(Owner or Owner's Designee) (Title) (Date)

### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR** described in this report on 5-11, 20 00 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 5-15-00 Inspector: Robert T. Lawry Commissions: IL932, NB7742NISB  
(State or Province, National Board)

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

DAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)
3. Work Performed By: General Electric (Name)  
Same as Above (Address)
- Date: 11/1/2000  
Sheet: 1 Of 5  
Unit: 3
- WR 990120170 (PLAN 3-00-008)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 0300 Control Rod Drive
5. (a) Construction Code ASME Section III, 1965 Edition, W65 Addenda, Code Cases 1335-2, 1361, 1352  
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases N207\*\*, 1361-2\*\*
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Control Rod Drive	General Electric	4120	*	Location C-03	1967	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location C-03	N/A	Replaced	No
Control Rod Drive	General Electric	A5318	*	Catalog ID 32449/ UTC 2065368	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code PKJ	N/A	Catalog ID 42416/ UTC 2046153	N/A	Replacement	No
Control Rod Drive	General Electric	9311	*	Location C-12	1978	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location C-12	N/A	Replaced	No
Control Rod Drive	General Electric	A4076	*	Catalog ID 32449/ UTC 2065189	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code NME	N/A	Catalog ID 42416/ UTC 2039925	N/A	Replacement	No

7. Description of work: Replaced existing control rod drive assemblies and associated flange cap screws with new control rod drive assemblies and flange cap screws. Cap screws that were removed were VT-1 examined and then discarded. \* See Code Data Report on file for specific information. \*\* Code Cases referenced on replacement CRDs (obtained from Perry Nuclear Power Plant).

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

Test Pressure 1060 psig Test Temperature 144.5/154 °F

9. Remarks: VT-2 examination performed during system leakage test on 10/1/00. Test temperatures taken are from Reactor Vessel Bottom Head and Upper Vessel Beldline respectively. Leaks at control rod flange were corrected per Dresden Station Third Interval Relief Request PR-18.

**Certificate of Compliance**

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

Signed: Brendan J. Casey ISI COORDINATOR 12-4, 2000  
(Owner or Owner's Designee) (Title) (Date)

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 12-7, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 12-7-00 Inspector: Ruth T. Ramsey Commissions: IL932, NB7742NISB  
(State or Province, National Board)

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

Date: 11/1/2000

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

Sheet: 2 Of 5

Unit: 3

3. Work Performed By: General Electric (Name)  
175 Curtner Ave., San Jose, CA (Address)

WR 990120170 (PLAN 3-00-008)  
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0300 Control Rod Drive

5. (a) Construction Code ASME Section III, 19 65 Edition, W65 Addenda, Code Cases 1335-2, 1361, 1352  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Case N207\*\*, 1361-2\*\*

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Control Rod Drive	General Electric	61	*	Location G-02	1968	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location G-02	N/A	Replaced	No
Control Rod Drive	General Electric	A6498	*	Catalog ID 32449/ UTC 2065375	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code CCP	N/A	Catalog ID 42416/ UTC 2039861	N/A	Replacement	No
Control Rod Drive	General Electric	6545	*	Location G-15	1974	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location G-15	N/A	Replaced	No
Control Rod Drive	General Electric	A6641	*	Catalog ID 32449/ UTC 2065369	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code U6G	N/A	Catalog ID 42416/ UTC 2039860	N/A	Replacement	No
Control Rod Drive	General Electric	1070	*	Location H-02	1969	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location H-02	N/A	Replaced	No
Control Rod Drive	General Electric	A4356	*	Catalog ID 32449/ UTC 2065374	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code U6G	N/A	Catalog ID 42416/ UTC 2039860	N/A	Replacement	No
Control Rod Drive	General Electric	8	*	Location M-05	1968	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location M-05	N/A	Replaced	No
Control Rod Drive	General Electric	A6509	*	Catalog ID 32449/ UTC 2065186	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code PKJ	N/A	Catalog ID 42416/ UTC 2046153	N/A	Replacement	No
Control Rod Drive	General Electric	8182	*	Location K-02	1969	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location K-02	N/A	Replaced	No
Control Rod Drive	General Electric	A4805	*	Catalog ID 32449/ UTC 2041773	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code U6G and K2VA	N/A	Catalog ID 42416/ UTC 2039860 and 2049356	N/A	Replacement	No

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)
3. Work Performed By: General Electric (Name)  
175 Curtner Ave., San Jose, CA (Address)

Date: 11/1/2000Sheet: 3 Of 5Unit: 3

WR 990120170 (PLAN 3-00-008)  
Repair Organization P.O. No., Job No. etc.

4. Identification of System:
- 0300 Control Rod Drive

5. (a) Construction Code ASME Section III, 19 65 Edition, W65 Addenda, Code Cases 1335-2, 1361, 1352  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Case N207\*\*, 1361-2\*\*

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Control Rod Drive	General Electric	897	*	Location G-06	1969	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location G-06	N/A	Replaced	No
Control Rod Drive	General Electric	A6502	*	Catalog ID 32449/ UTC 2065190	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code NME	N/A	Catalog ID 42416/ UTC 2042098	N/A	Replacement	No
Control Rod Drive	General Electric	8800	*	Location G-14	1979	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location G-14	N/A	Replaced	No
Control Rod Drive	General Electric	A3977	*	Catalog ID 32449/ UTC 2065367	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code K2VA	N/A	Catalog ID 42416/ UTC 2049356	N/A	Replacement	No
Control Rod Drive	General Electric	751	*	Location J-14	1969	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location J-14	N/A	Replaced	No
Control Rod Drive	General Electric	A5199	*	Catalog ID 32449/ UTC 2065360	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code NME	N/A	Catalog ID 42416/ UTC 2039925	N/A	Replacement	No
Control Rod Drive	General Electric	279	*	Location H-06	1968	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location H-06	N/A	Replaced	No
Control Rod Drive	General Electric	A5213	*	Catalog ID 32449/ UTC 2041768	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Codes MPB and CCP	N/A	Catalog ID 42416/ UTC 2049504 and 2039861	N/A	Replacement	No
Control Rod Drive	General Electric	1064	*	Location F-02	1969	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location F-02	N/A	Replaced	No
Control Rod Drive	General Electric	A6530	*	Catalog ID 32449/ UTC 2065361	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code PKJ	N/A	Catalog ID 42416/ UTC 2059461	N/A	Replacement	No



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

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

3. Work Performed By: General Electric (Name)  
175 Curtner Ave., San Jose, CA (Address)

Date: 11/1/2000

Sheet: 4 Of 5

Unit: 3

WR 990120170 (PLAN 3-00-008)  
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0300 Control Rod Drive

5. (a) Construction Code ASME Section III, 19 65 Edition, W65 Addenda, Code Cases 1335-2, 1361, 1352  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Case N207\*\*, 1361-2\*\*

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Control Rod Drive	General Electric	A5405	*	Location D-08	1981	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location D-08	N/A	Replaced	No
Control Rod Drive	General Electric	A5536	*	Catalog ID 32449/ UTC 2065373	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code PKJ	N/A	Catalog ID 42416/ UTC 2059461	N/A	Replacement	No
Control Rod Drive	General Electric	2	*	Location A-08	1967	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location A-08	N/A	Replaced	No
Control Rod Drive	General Electric	A4602	*	Catalog ID 32449/ UTC 2065372	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code PKJ	N/A	Catalog ID 42416/ UTC 2059461	N/A	Replacement	No
Control Rod Drive	General Electric	1091	*	Location A-10	1969	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location A-10	N/A	Replaced	No
Control Rod Drive	General Electric	A6588	*	Catalog ID 32449/ UTC 2065371	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code PKJ	N/A	Catalog ID 42416/ UTC 2059461	N/A	Replacement	No
Control Rod Drive	General Electric	A8871	*	Location B-10	1978	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location B-10	N/A	Replaced	No
Control Rod Drive	General Electric	A4305	*	Catalog ID 32449/ UTC 2065187	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code PKJ	N/A	Catalog ID 42416/ UTC 2063125 and 2057962	N/A	Replacement	No
Control Rod Drive	General Electric	660	*	Location B-04	1967	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location B-04	N/A	Replaced	No
Control Rod Drive	General Electric	A6484	*	Catalog ID 32449/ UTC 2065370	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code PKJ	N/A	Catalog ID 42416/ UTC 2057962	N/A	Replacement	No

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

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

3. Work Performed By: General Electric (Name)  
175 Curtner Ave., San Jose, CA (Address)

Date: 11/1/2000

Sheet: 5 Of 5

Unit: 3

WR 990120170 (PLAN 3-00-008)  
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0300 Control Rod Drive

5. (a) Construction Code ASME Section III, 19 65 Edition, W65 Addenda, Code Cases 1335-2, 1361, 1352  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Case N207\*\*, 1361-2\*\*

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Control Rod Drive	General Electric	575C	*	Location B-12	1978	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location B-12	N/A	Replaced	No
Control Rod Drive	General Electric	A5557	*	Catalog ID 32449/ UTC 2065188	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code PKJ	N/A	Catalog ID 42416/ UTC 2063125	N/A	Replacement	No
Control Rod Drive	General Electric	958	*	Location D-06	1969	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location D-06	N/A	Replaced	No
Control Rod Drive	General Electric	A6495	*	Catalog ID 32449/ UTC 2065185	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code PKJ	N/A	Catalog ID 42416/ UTC 2063125	N/A	Replacement	No
Control Rod Drive	General Electric	587	*	Location E-05	1967	Replaced	Yes
Control Rod Drive Flange Cap Screws	Unknown	Unknown	N/A	Location E-05	N/A	Replaced	No
Control Rod Drive	General Electric	A6513	*	Catalog ID 32449/ UTC 2065376	1983	Replacement	Yes
Control Rod Drive Flange Cap Screws	Nova	Heat Code PKJ	N/A	Catalog ID 42416/ UTC 2059461	N/A	Replacement	No

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT  
As Required by the Provisions of ASME Code Section XIDAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 11/3/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: General Electric (Name)  
175 Curtner Ave., San Jose, CA (Address) WR 990052144-01 (PLAN 3-00-009)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 0200 Reactor Pressure Vessel
- 5.(a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases 1335  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Reactor Pressure Vessel Head Closure Studs (SA-320 Grade L43 and Code Case 1335)	Babcock & Wilcox	Not Recorded	N/A	Stud Numbers 68, 69, 70, 71, and 72	N/A	Replaced	No
Reactor Pressure Vessel Head Closure Stud (SA-540 Grade B23), one total	Babcock & Wilcox	Serial Number 1	N/A	Catalog ID 38457/ UTC 2005771	N/A	Replacement	No
Reactor Pressure Vessel Head Closure Stud (SA-540 Grade B23), one total	Babcock & Wilcox	Serial Number 2	N/A	Catalog ID 38457/ UTC 2042345	N/A	Replacement	No
Reactor Pressure Vessel Head Closure Stud (SA-540 Grade B23), three total	Babcock & Wilcox	Heat SKP	N/A	Catalog ID 38457/ UTC 2064245	N/A	Replacement	No

7. Description of work: Replaced existing reactor pressure vessel closure head studs #68, 69, 70, 71, and 72 ("cattle chute" studs) with new studs. Existing studs are to be cleaned and examined by magnetic particle in accordance with Examination Category B-G-1 of Table IWB-2500-1 of ASME Section XI, 1989 Edition, No Addenda. The closure studs that were removed may be returned to Stores as spare stock if NDE examinations find them acceptable.

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

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

9. Remarks: No leakage noted during system leakage test on 10/1/2000.

## Certificate of Compliance

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

Signed: Brendan J. Casey ISI COORDINATOR 12/13, 20 00  
(Owner or Owner's Designee) (Title) (Date)

## Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 12-22, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 12-22-00 Inspector: Robert T. Sawyer Commissions: IL932, NB7742N1SB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL, 60450 (Address)
3. Work Performed By: General Electric (Name)  
175 Curtner Ave., San Jose, CA (Address)
- Date: 11/3/2000  
Sheet: 1 Of 1  
Unit: 3
- WR 990052144-01 (PLAN 3-00-056)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 0215 Reactor Head Vent
- 5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Bld	Repair, Replaced or Replacement	Code Stamped Yes/No
Reactor Head Vent Piping Flange Bolting (7/8" X 9, A-193 Grade B7)	Unknown	Unknown	N/A	ISI Point HV2-18-FLG	N/A	Replaced	No
Reactor Head Vent Piping Flange Hex Nuts (7/8" X 9, A-194 Grade 2H)	Unknown	Unknown	N/A	ISI Point HV2-18-FLG	N/A	Replaced	No
Reactor Head Vent Piping Flange Bolting (7/8" X 9, A-193 Grade B7)	Unknown	Heat Code NWN	N/A	Catalog ID 37096/ UTC 2045537	N/A	Replacement	No
Reactor Head Vent Piping Flange Hex Nuts (7/8" X 9, A-194 Grade 2H)	Unknown	None Identified	N/A	Catalog ID 7223/ UTC 2065892	N/A	Replacement	No

7. Description of work: Replaced existing flange bolting that was damaged during reactor vessel disassembly and was also identified as damaged during ISI VT-1 examination under WR 990032317-03 (reference report V001 and CR D2000-05190). Baseline VT-1 was performed on replacement material prior to installation.

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

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

9. Remarks: No leakage noted during system leakage test on 10/1/2000.

#### 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: [Signature] ISI COORDINATOR 12/22, 2000  
(Owner or Owner's Designee) (Title) (Date)

#### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 12-22, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 12-22-00 Inspector: [Signature] Commissions: IL932, NB7742NISB

# CATEGORY 3

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

DAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)
3. Work Performed By: Same as Above (Name)  
Same as Above (Address)
4. Identification of System: 1500 LPCI
- 5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 4-21-2000

Sheet: 1 Of 1

Unit: 3

WR 970049207-02 (Plan 3-00-010)  
Repair Organization P.O. No., Job No. etc.

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Valve 3-1501-5C with associated pipe, slip-on flange, and bolting	Valve: Crane Unknown for other material	Unknown	N/A	3-1501-5C/Line 3-1502A-14"	N/A	Replaced	No
14" Gate Valve (A216 WCB)	Crane Valve	C9022	N/A	Cat ID 1021174	N/A	Replacement	No
14" 150# Class Slip-on Flange (A105)	Unknown	Heat Code JLJE, Serial Number 15	N/A	Cat ID 654142	N/A	Replacement	No
14" Schedule 30 Seamless Pipe (A106 Grade B)	Unknown	Heat N86709	N/A	Cat ID 45688	N/A	Replacement	No
1"-8 Threaded Rod (A193 Grade B7), Flange Bolts	Unknown	Not Identified	N/A	Cat ID 45397	N/A	Replacement	No
1"-8 Heavy Hex Nuts (A194 Grade 2H)	Unknown	Heat Codes BFL, DJN, 110 (Lot 36083043)	N/A	SI #796D05	N/A	Replacement	No

7. Description of work: Existing valve had excessive seat leakage and was replaced with new valve. Remaining material (piping, slip-on flange and associated flange bolting) was replaced to accelerate valve installation, no problems were associated with existing piping.

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

Test Pressure 7 psig Test Temperature 89 °F

9. Remarks: VT-2 performed during LPCI Operational surveillance on 3/23/2000, no leakage observed.

### Certificate of Compliance

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

Signed: Brendan J. Casey ISI COORDINATOR 9/15, 20 00  
(Owner or Owner's Designee) (Title) (Date)

### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 9-15-00, 20 00 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 9-15-00 Inspector: Paul T. Ramsey Commissions: IL932, NB7742NISB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 4-27-2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: Same as Above (Name)  
Same as Above (Address) WR 990142584/980105833 (PLAN 3-00-011)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 6600 Diesel Generator
- 5.(a) Construction Code TEMA Class C/USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Unit 3 Diesel Generator Cooling Water Heat Exchangers (3-6699A and 3-6699B)	Young Radiator	157866 and 15785 (Young Radiator Serial Numbers)	N/A	3-6699A and 3-6699B	N/A	Replaced	No
Unit 3 Diesel Generator Cooling Water Heat Exchangers (3-6699A and 3-6699B)	Young Radiator (Refurbished by Ecker-Erhardt)	Ecker-Erhardt Serial Numbers 45087-3 and 45087-4	N/A	Catalog ID 35044	N/A	Replacement	No

7. Description of work: Replaced existing Unit 3 Diesel Generator Heat Exchangers during scheduled overhaul. Two work request numbers were referenced for the Repair/Replacement plan.

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

Test Pressure 83 psig Test Temperature 70 °F

9. Remarks: VT-2 examination performed during Diesel Generator Operating surveillance on 2/24/00, no evidence of leakage noted.

**Certificate of Compliance**

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

Signed: Brendan J. Casey ISI COORDINATOR 4-27, 20 00  
(Owner or Owner's Designee) (Title) (Date)

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 4-28, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 4-28-00 Inspector: Rust T. Riney Commissions: IL932, NB7742NISB  
(State or Province, National Board)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT  
As Required by the Provisions of ASME Code Section XIDAP 11-18  
REVISION 081. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)Date: 9/25/20002. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)Sheet: 1 Of 1Unit: 33. Work Performed By: Same as Above (Name)  
Same as Above (Address)WR 990125049 (PLAN 3-00-012)  
Repair Organization P.O. No., Job No. etc.4. Identification of System: 3000 Main Steam5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
PSA-10 Snubber at Support M-564K Sheet 2 (Line 3-3001B-20")	Pacific Scientific	8739	Not Recorded	Snubber 3-3001B-44	Not Recorded	Replaced	Yes
Lisega LIS3062 Snubber at Support M-564K Sheet 2 (Line 3-3001B-20")	Lisega	61465	N/A	Category ID 10300581/UTC 2063779	Not Recorded	Replacement	No

7. Description of work: Replaced existing PSA-10 snubber with a Lisega snubber. The PSA-10 (mechanical snubber) had a poor performance history and was replaced with a hydraulic snubber with a more reliable performance history. Dresden main steam piping is not ASME Section III, code stamped components not required.

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

Test Pressure N/A psig Test Temperature N/A °F9. Remarks: Performed drag test of new snubber prior to installation, acceptable. Final VT-3 on newly installed snubber acceptable on 9/22/2000.

## Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.Signed: Brendan J. Casey ISI COORDINATOR 9/25, 2000  
(Owner or Owner's Designee) (Title) (Date)

## Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 9-25-2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.Date: 9-25-00 Inspector: [Signature] Commissions: IL932, NB7742NISB  
(State or Province, National Board)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT  
As Required by the Provisions of ASME Code Section XIDAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 10/30/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL, 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: G. N. Venture (Name)  
Same as Above (Address) WR 990019221-01 (PLAN 3-00-014)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 1500 CCSW/LPCI
- 5.(a) Construction Code ASME Section III, 1965 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3A CCSW/LPCI Heat Exchanger Tubes	Unknown for Tubes	Unknown	N/A	3-1503A	N/A	Repair/Replaced	No
Tube Plugs for 3/4" tube X 15-22 Gauge Tube (42 plugs)	Thomas Wilson	None Identified	N/A	Catalog ID 27487/ UTC 2065646	N/A	Installed to Repair	No
3/4" X 18 BWG ASME SB-111 Tubes (106 tubes)	Unknown	Lot #01	N/A	Catalog ID 42456/ UTC D99-00298	N/A	Replacement	No

7. Description of work: Based on eddy current test results, repaired tubes by plugging (21 tubes plugged) or replaced tubes with new tubes (106 tubes replaced). A hydro of tube sheets was performed prior to reassembling heat exchanger (no leaks observed).

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [X] Not Applicable [ ]  
Test Pressure \* psig Test Temperature Ambient °F

9. Remarks: No leakage identified during DOS 1500-12 on 10/2/2000. \* DOS 1500-12 records differential pressure between CCSW (tube side) and LPCI (shell side). CCSW pump discharge pressure was 229 psig for 3A pump and 227 for 3B pump.

## Certificate of Compliance

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

Signed: Brendan J. Casey ISI COORDINATOR 10-31, 2000  
(Owner or Owner's Designee) (Title) (Date)

## Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPAIR/REPLACEMENT described in this report on 11-1, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-1-00 Inspector: Kurt T. Rainey Commissions: IL932, NB7742N1SB  
(State or Province, National Board)



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

DAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 10/30/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL, 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: G. N. Venture (Name)  
Same as Above (Address) WR 990019221-03 (PLAN 3-00-015)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 1500 CCSW/LPCI
5. (a) Construction Code ASME Section III, 1965 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3A CCSW/LPCI Heat Exchanger Upper and Lower Channels	Unknown for Tubes	05306-4	3007	3-1503A	1967	Repair	Yes

7. Description of work: Weld repaired pitted areas on upper and lower channels on 3A CCSW/LPCI heat exchanger during heat exchanger maintenance.

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

9. Remarks: No leakage identified during DOS 1500-12 on 10/2/2000. \* DOS 1500-12 records differential pressure between CCSW (tube side) and LPCI (shell side). CCSW pump discharge pressure was 229 psig for 3A pump and 227 psig for 3B pump.

**Certificate of Compliance**

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

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10-31, 2000 (Date)

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR** described in this report on 11-1, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-1-00 Inspector: Rust T. Rainey Commissions: IL932, NB7742NISB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 10/30/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: G. N. Venture (Name)  
Same as Above (Address) WR 990016485-01 (PLAN 3-00-017)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 1500 CCSW/LPCI
- 5.(a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3B CCSW/LPCI Heat Exchanger Tubes	Unknown for Tubes	Unknown	N/A	3-1503B	N/A	Repair/Replaced	No
Tube Plugs for 3/4" tube X 15-22 Gauge Tube (10 plugs)	Thomas Wilson	None Identified	N/A	Catalog ID 27487/ UTC 2059109	N/A	Installed to Repair	No

7. Description of work: Based on eddy current test results, repaired tubes by plugging (5 tubes plugged). A hydro of tube sheets was performed prior to reassembling heat exchanger (no leaks observed).

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

Test Pressure \* psig Test Temperature Ambient °F

9. Remarks: No leakage identified during DOS 1500-12 on 10/2/2000. \* DOS 1500-12 records differential pressure between CCSW (tube side) and LPCI (shell side). CCSW pumps discharge pressure was 227 psig for 3C pump and 227 psig for 3D pump.

#### Certificate of Compliance

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

Signed: Brendan J. Casey ISI COORDINATOR 10-31, 2000  
(Owner or Owner's Designee) (Title) (Date)

#### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPAIR described in this report on 11-1, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-1-00 Inspector: Rust T. Rivney Commissions: IL932, NB7742NISB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)
3. Work Performed By: G. N. Venture (Name)  
Same as Above (Address)
4. Identification of System: 1500 CCSW/LPCI
5. (a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases N-416-1
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 10/30/2000Sheet: 1 Of 1Unit: 3WR 990016485-03 (PLAN 3-00-018)  
Repair Organization P.O. No., Job No. etc.

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3B CCSW/LPCI Heat Exchanger Upper and Lower Channels	Berlin Chapman	05306-3	3006	3-1503B	1967	Repair	Yes

7. Description of work: Weld repaired pitted areas in upper and lower channels of 3B CCSW/LPCI heat exchanger during maintenance on heat exchanger.

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

Test Pressure \* psig Test Temperature Ambient °F9. Remarks: No leakage identified during DOS 1500-12 on 10/2/2000. \* DOS 1500-12 records differential pressure between CCSW (tube side) and LPCI (shell side). CCSW pumps discharge pressure was 229 psig for 3A pump and 227 psig for 3B pump.

## Certificate of Compliance

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

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10-31, 20 00 (Date)

## Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the REPAIR described in this report on 11-1, 20 00 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-1-00 Inspector: Paul T. Roney Commissions: IL932, NB7742NISB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL., 60690 (Address) Date: 10/4/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: General Electric Company (Name)  
175 Curtner Avenue, San Jose, CA 95125 (Address) WR 980123402-01 (PLAN 3-00-020)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 0201 Main Steam
- 5.(a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Reactor Vessel Closure Head(Area near Stud Hole 27)	Babcock & Wilcox	610-0111-51-52	N-139	3-0201	1969	Repaired	Yes
Reactor Vessel Flange (Areas near Stud Holes 27 and 59)	Babcock & Wilcox	610-0111-51-52	N-139	3-0201	1969	Repaired	Yes

7. Description of work: Repaired steam cuts on the reactor vessel closure head (Near Stud Hole 27) and the reactor vessel flange (Near Stud Holes 27 and 59) which were identified during reactor vessel disassembly. Work was performed by General Electric.

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

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

9. Remarks: No leakage identified during system leakage test on 10/1/2000.

## Certificate of Compliance

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

Signed: Brendan J. Casey ISI COORDINATOR 10/4, 20 00  
(Owner or Owner's Designee) (Title) (Date)

## Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR** described in this report on 10-9-00 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-9-00 Inspector: Rust T Rainey Commissions: IL932, NB7742NISB  
(State or Province, National Board)

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

DAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL, 60450 (Address)
3. Work Performed By: Same as Above (Name)  
Same as Above (Address)
4. Identification of System: 1500 CCSW
- 5.(a) Construction Code USAS B31.1.0, 19.67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19.89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 10/18/2000Sheet: 1 Of 1Unit: 3

WR 940096859-01 (PLAN 3-00-023)  
Repair Organization P.O. No., Job No. etc.

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3D CCSW Pump Discharge Check Valve (10" Dual Disc)	Gulf Valve	Not Recorded	N/A	3-1501-1D	N/A	Replaced	No
3D CCSW Pump Discharge Check Valve Flange Bolting (A-194 Grade 2H)	Unknown	Unknown	N/A	Line 3-1510A-10"-D	N/A	Replaced	No
3D CCSW Pump Discharge Elbow Flange Bolting (A-194 Grade 2H)	Unknown	Unknown	N/A	Line 3-1510A-10"-D	N/A	Replaced	No
3D CCSW Pump Discharge Elbow (8" Schedule 40)	Unknown	Unknown	N/A	Line 3-1510A-10"-D	N/A	Repair	No
3D CCSW Pump Discharge Check Valve (10" Dual Disc)	Gulf Valve	33190-1-1	N/A	Cat ID 44611 UTC 2060186	N/A	Replacement	No
3D CCSW Pump Discharge Check Valve Flange Bolting (A-194 Grade 2H)	Unknown	Heat Codes BFL and HDF	N/A	Cat ID 37034 UTC 2057524 and 2005514	N/A	Replacement	No
3D CCSW Pump Discharge Elbow Flange Bolting (A-194 Grade 2H)	Unknown	None Identified	N/A	Cat ID 7223 UTC 2059762	N/A	Replacement	No

7. Description of work: Replaced existing pump discharge check valve (which was worn) with a new check valve, weld repaired eroded area on elbow immediately downstream of CCSW pump, and replaced existing pump elbow and check valve discharge flange hex nuts

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

Test Pressure 194 psig Test Temperature Ambient °F

9. Remarks: No leakage identified during functional test 10/1/2000.

**Certificate of Compliance**

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

Signed: Brendan J. Casey ISI COORDINATOR 10-26, 2000  
(Owner or Owner's Designee) (Title) (Date)

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR/REPLACEMENT** described in this report on 10-26, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-26-00 Inspector: Paul T. Rainey Commissions: IL932, NB7742N1SB  
(State or Province, National Board)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT  
As Required by the Provisions of ASME Code Section XIDAP 11-18  
REVISION 08

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

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

Date: 10/18/2000Sheet: 1 Of 1Unit: 3

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

WR 940096862-01 (PLAN 3-00-024)  
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 CCSW

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

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3A CCSW Pump Discharge Check Valve (10" Dual Disc)	Gulf Valve	Not Recorded	N/A	3-1501-1A	N/A	Replaced	No
3A CCSW Pump Discharge Check Valve Flange Bolting (A-194 Grade 2H)	Unknown	Unknown	N/A	Line 3-1514D-10"-D	N/A	Replaced	No
3A CCSW Pump Discharge Elbow Flange Bolting (A-194 Grade 2H)	Unknown	Unknown	N/A	Line 3-1514D-10"-D	N/A	Replaced	No
3A CCSW Pump Discharge Elbow (8" Schedule 40)	Unknown	Unknown	N/A	Line 3-1514D-10"-D	N/A	Repair	No
3A CCSW Pump Discharge Check Valve (10" Dual Disc)	Gulf Valve	33190-1-2	N/A	Cat ID 44611 UTC 2060187	N/A	Replacement	No
3A CCSW Pump Discharge Check Valve Flange Bolting (A-194 Grade 2H)	Unknown	Heat Codes BFL and HDF	N/A	Cat ID 37034 UTC 2057524 and 2005514	N/A	Replacement	No
3A CCSW Pump Discharge Elbow Flange Bolting (A-194 Grade 2H)	Unknown	None Identified	N/A	Cat ID 7223 UTC 2059762	N/A	Replacement	No

7. Description of work: Replaced existing pump discharge check valve (which was worn) with a new check valve, weld repaired eroded area on elbow immediately downstream of CCSW pump, and replaced existing pump elbow and check valve discharge flange hex nuts

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Not Applicable ☐

Test Pressure 199 psig Test Temperature Ambient °F

9. Remarks: No leakage identified during functional test 10/1/2000.

## Certificate of Compliance

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

Signed: Brendan J. Casey ISI COORDINATOR 10-26, 2000  
(Owner or Owner's designee) (Title) (Date)

## Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR/REPLACEMENT** described in this report on 10-26, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-26-00 Inspector: Robert T. Ramsey Commissions: IL932, NB7742NISB  
(State or Province, National Board)

1. Owner: ComEd Company (Name) Date: 10/4/2000  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name) Sheet: 1 Of 1  
6500 North Dresden Road, Morris IL., 60450 (Address) Unit: 3
3. Work Performed By: Same as Above (Name) WR 980123403-01 (PLAN 3-00-025)  
Same as Above (Address) Repair Organization P.O. No., Job No. etc.
4. Identification of System: 0203 Main Steam
- 5.(a) Construction Code ASME Section III, 19 65 Edition, S66 Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
6" Consolidated Safety Relief Valve (1250 Set Point)	Consolidated/Dresser	BK7160	N/A	3-0203-4G	N/A	Replaced	No
6" Consolidated Safety Relief Valve (1250 Set Point)	Consolidated/Dresser	BK6277	N/A	Catalog ID 30404	N/A	Replacement	No

7. Description of work: Replaced existing main steam safety relief valve with rebuilt and retested spare relief valve per IST surveillance. Existing inlet flange bolting was reinstalled.

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

Test Pressure 1060 psig Test Temperature 144.5/154 °F

9. Remarks: No leakage identified during system leakage test on 10/1/2000. Test temperatures are from Reactor Vessel Bottom Head and Upper Vessel Beltline respectively.

#### Certificate of Compliance

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

Signed: Brendan J. Casey ISI COORDINATOR 10-13, 20 00  
(Owner or Owner's Designee) (Title) (Date)

#### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-13, 20 00 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-13-00 Inspector: Ant T. Dwyer Commissions: IL932, NB7742NISB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 10/4/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: Same as Above (Name)  
Same as Above (Address) WR 980122886-01 (PLAN 3-00-026)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 0203 Main Steam
- 5.(a) Construction Code ASME Section III, 19 65 Edition, S66 Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
6" Consolidated Safety Relief Valve (1240 Set Point) <i>1260 907 10/13/00</i>	Consolidated/Dresser	BK6288	N/A	3-0203-4E	N/A	Replaced	No
6" Consolidated Safety Relief Valve (1240 Set Point)	Consolidated/Dresser	BK6272	N/A	Catalog ID 30366	N/A	Replacement	No

7. Description of work: Replaced existing main steam safety relief valve with rebuilt and retested spare relief valve per IST surveillance. Existing inlet flange bolting was reinstalled.

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

Test Pressure 1060 psig Test Temperature 144.5/154 °F

9. Remarks: No leakage identified during system leakage test on 10/1/2000. Test temperatures are from Reactor Vessel Bottom Head and Upper Vessel Beltline respectively.

### Certificate of Compliance

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

Signed: Brendan J. Casey ISI COORDINATOR 10-13, 2000  
(Owner or Owner's Designee) (Title) (Date)

### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-13, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-13-00 Inspector: Rut T. Raining Commissions: IL932, NB7742NISB  
(State or Province, National Board)



1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL, 60450 (Address)
3. Work Performed By: Same as Above (Name)  
Same as Above (Address)
4. Identification of System: 0203 Main Steam
- 5.(a) Construction Code ASME Section III, 1965 Edition, S66 Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 1989 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 10/4/2000  
Sheet: 1 Of 1  
Unit: 3

WR 980123402-01 (PLAN 3-00-027)  
Repair Organization P.O. No., Job No. etc.

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
6" Consolidated Safety Relief Valve (1260 Set Point)	Consolidated/Dresser	BK7157	N/A	3-0203-4F	N/A	Replaced	No
6" Consolidated Safety Relief Valve (1260 Set Point)	Consolidated/Dresser	BK6525	N/A	Catalog ID 30446	N/A	Replacement	No

7. Description of work: Replaced existing main steam safety relief valve with rebuilt and retested spare relief valve per IST surveillance. Existing inlet flange bolting was reinstalled.

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

Test Pressure 1060 psig Test Temperature 144.5/154 °F

9. Remarks: No leakage identified during system leakage test on 10/1/2000. Test temperatures are from Reactor Vessel Bottom Head and Upper Vessel Beldline respectively.

### Certificate of Compliance

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

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10/12, 2000 (Date)

### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-13, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-13-00 Inspector: Paul T. Kiny Commissions: IL932, NB7742NISB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)
3. Work Performed By: Same as Above (Name)  
Same as Above (Address)
4. Identification of System: 0203 Main Steam
- 5.(a) Construction Code ASME Section III, 19 65 Edition, S66 Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
6" Consolidated Safety Relief Valve (1260 Set Point)	Consolidated/Dresser	BK6530	N/A	3-0203-4H	N/A	Replaced	No
6" Consolidated Safety Relief Valve (1260 Set Point)	Consolidated/Dresser	BK6296	N/A	Catalog ID 30446	N/A	Replacement	No

7. Description of work: Replaced existing main steam safety relief valve with rebuilt and retested spare relief valve per IST surveillance. Existing inlet flange bolting was reinstalled.

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

Test Pressure 1060 psig Test Temperature 144.5/154 °F

9. Remarks: No leakage identified during system leakage test on 10/1/2000. Test temperatures are from Reactor Vessel Bottom Head and Upper Vessel Beltline respectively.

### Certificate of Compliance

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

Signed: Brendan J. Casuy ISI COORDINATOR 10-13, 2000  
(Owner or Owner's Designee) (Title) (Date)

### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-13, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-13-00 Inspector: Paul J. Living Commissions: IL932, NB7742NISB  
(State or Province, National Board)

# CATEGORY 3

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

DAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
- Date: 10/17/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL, 60450 (Address)
- Sheet: 1 Of 1
- Unit: 3
3. Work Performed By: Same as Above (Name)  
Same as Above (Address)
- WR 990051766-01 (PLAN 3-00-029)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 0203 Main Steam
- 5.(a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

### 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Electromatic Relief Valve	Consolidated/Dresser	BK7050	N/A	3-0203-3E	N/A	Replaced	No
Electromatic Relief Valve	Consolidated/Dresser	BK7080	N/A	Cat ID 42845/ UTC 2066262	N/A	Replacement	No

7. Description of work: Replaced existing Electromatic relief valve with rebuilt and retested spare relief. Existing inlet and outlet flange bolting was reinstalled.

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

Test Pressure 1060 psig Test Temperature 144.5/154 °F

9. Remarks: No leakage identified during system leakage test on 10/1/2000. Test temperatures are from Reactor Bottom Head and Upper Vessel Beltline respectively.

### Certificate of Compliance

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

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10-17, 2000 (Date)

### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-24, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-24-00 Inspector: Prest T. Loring Commissions: IL932, NB7742NISB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 10/5/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: Same as Above (Name)  
Same as Above (Address) WR 990051765-01 (PLAN 3-00-030)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 0203 Main Steam
- 5.(a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

### 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Electromatic Relief Valve	Consolidated/Dresser	BK7079	N/A	3-0203-3B	N/A	Replaced	No
Electromatic Relief Valve	Consolidated/Dresser	BK7052	N/A	Cat ID 42845/ UTC 206624	N/A	Replacement	No

7. Description of work: Replaced existing Electromatic relief valve with rebuilt and retested spare relief. Existing inlet and outlet flange bolting was reinstalled.

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

Test Pressure 1060 psig Test Temperature 144.5/154 °F

9. Remarks: No leakage identified during system leakage test on 10/1/2000. Test temperatures are from Reactor Bottom Head and Upper Vessel Beltline respectively.

### Certificate of Compliance

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

Signed: Brendan J. Casey ISI COORDINATOR 10-16, 2000  
(Owner or Owner's Designee) (Title) (Date)

### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-24, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-24-00 Inspector: Paul T. Remy Commissions: IL932, NB7742NIBS  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 10/30/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: Same as Above (Name)  
Same as Above (Address) WR 990019169-01 (PLAN 3-00-032)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 5700 Heating & Ventilation
5. (a) Construction Code USAS B31.1-0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
2 1/2" A-105 Pipe Union on Inlet Piping for 3-5746-B (West LPCI Corner Room Cooler)	Unknown	Unknown	N/A	Line 3-3933B-2 1/2"-O	1967	<del>Repair</del> <u>Replaced</u> <u>10/30/00</u>	<del>Yes</del> <u>No</u> <u>10/30/00</u>
2 1/2" A-105 Pipe Union on Inlet Piping for 3-5746-B (West LPCI Corner Room Cooler)	Unknown	Not Recorded	N/A	Catalog ID 37497	N/A	Replacement	No

7. Description of work: Replaced existing union on cooler inlet piping during maintenance of room cooler.

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

Test Pressure 58 psig Test Temperature Ambient °F

9. Remarks: No leakage identified during inservice leak test on 10/2/2000.

### Certificate of Compliance

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

Signed: Brendan J. Casey ISI COORDINATOR 10-30, 2000  
(Owner or Owner's Designee) (Title) (Date)

### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-31, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-31-00 Inspector: Paul T. Ramirez Commissions: IL932, NB7742NISB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
- Date: 10/12/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)
- Sheet: 1 Of 1
- Unit: 3
3. Work Performed By: G. N. Venture (Name)  
Same as Above (Address)
- WR 990125051-01 (PLAN 3-00-034)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 1600 Primary Containment
5. (a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3-1601-31A (Torus to Reactor Building Vacuum Breaker) and associated inlet piping	Chapman/Crane	Not Recorded	N/A	3-1601-31A	N/A	Replaced	No
3-1601-31A (Torus to Reactor Building Vacuum Breaker)	Atwood & Morrill	Not Recorded	N/A	Cat ID 1035276/ UTC 2065932	2000	Replacement	No
Pipe Assembly (20" Pipe with Flange Assembly)	Ecker-Erhardt	Heat A00826	N/A	Cat ID 1034396	2000	Replacement	No
Outlet Fitting (12-6 Run X 3/4" Branch)	Unknown	Heat 38017 and 38298	N/A	Cat ID 7412/ UTC 2065771	N/A	Replacement	No

7. Description of work: Replaced existing Chapman/Crane check valve (vacuum breaker) and portion of associated piping with Atwood & Morrill check valve and a prefabricated pipe assembly. Existing check valve had a history of local leak rate test failures and was replaced with similar valve as Unit 2 which has had good history of leak rate test performance. Replacement was performed per DCP 9900158.

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

Test Pressure 50.98 psig Test Temperature 84 °F

9. Remarks: Valve passed local leak rate test under DOS 7000-08 on 9/29/2000. Valve is considered Section XI Class MC.

#### Certificate of Compliance

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

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10-17, 20 00 (Date)

#### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-23, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-23-00 Inspector: Rust T. Lively Commissions: IL932, NB7742NISB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 10/12/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL, 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: G. N. Venture (Name)  
Same as Above (Address) WR 990125051-02 (PLAN 3-00-035)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 1600 Primary Containment
- 5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3-1601-31B (Torus to Reactor Building Vacuum Breaker)	Chapman/Crane	Not Recorded	N/A	3-1601-31B	N/A	Replaced	No
3-1601-31B (Torus to Reactor Building Vacuum Breaker)	Atwood & Morrill	Not Recorded	N/A	Cat ID 1035276/ UTC 2065994	2000	Replacement	No

7. Description of work: Replaced existing Chapman/Crane check valve (vacuum breaker) with Atwood & Morrill check valve. Existing check valve had a history of local leak rate test failures and was replaced with similar valve as Unit 2 which has had good history of leak rate test performance. Replacement was performed per DCP 9900158.

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

Test Pressure 50.98 psig Test Temperature 84 °F

9. Remarks: Valve passed local leak rate test under DOS 7000-08 on 9/29/2000. Valve is considered Section XI Class MC.

#### Certificate of Compliance

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

Signed: Brendan J. Casey ISI COORDINATOR 10-12, 2000  
(Owner or Owner's Designee) (Title) (Date)

#### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-23, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-23-00 Inspector: Robert Flaherty Commissions: IL932, NB7742NISB  
(State or Province, National Board)

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

DAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)
3. Work Performed By: Same as Above (Name)  
Same as Above (Address)
4. Identification of System: 0203 Main Steam
5. (a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases N-496-1
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Electromatic Relief Valve	Consolidated/Dresser	BK7080	N/A	None	N/A	Repair	No
Electromatic Relief Valve Inlet Flange Bolting (Studs and Nuts)	Unknown	Unknown	N/A	Valve S/N BK7080	N/A	Replaced	No
Helical Threaded Inserts (1 3/8" Diameter), 12 Total	Helicoil	Not Recorded	N/A	Catalog ID 9759 UTC 2057695	N/A	Installed for Repair	No
Electromatic Relief Valve Inlet Flange Studs (1 3/8" - 12 X 7 1/4") A193 Grade B7, 18 Total	Dresser (Nova)	Heat SRA (12 total), Heat CK1 (6 total)		Catalog ID 7970/ UTC 2064285 and 2057693	N/A	Replacement	No
Electromatic Relief Valve Inlet Flange Hex Nuts (1 3/8" -12) A194 Grade 2H, 12 Total	Dresser	Heat A7V (5 Total), Heat D6 (2 Total), and Heat SO86 (5 Total)	N/A	Catalog ID 34748/ UTC 2065608, 2065607, and 2065609	N/A	Replacement	No

7. Description of work: Repaired existing Electromatic relief valve inlet flange boltholes with helical coil threaded inserts as permitted under Code Case N-496-1 and replaced some of the inlet flange bolting (studs and nuts) that were damaged during valve disassembly.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Not Applicable ☒  
Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: None.

**Certificate of Compliance**

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

Signed: Brendan J. Casey ISI COORDINATOR 11-17, 2000  
(Owner or Owner's Designee) (Title) (Date)

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR/REPLACEMENT** described in this report on 11-17, 2000, and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-21-00 Inspector: MT T. Perry Commissions: IL932, NB7742NISB  
(State or Province, National Board)



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

DAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 11/9/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: Same as Above (Name)  
Same as Above (Address) WR 990132681-01 (PLAN 3-00-039)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 0203 Main Steam
5. (a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases N-496-1
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Electromatic Relief Valve	Consolidated/Dresser	BK7052	N/A	None	N/A	Repair	No
Electromatic Relief Valve Inlet Flange Bolting (Studs and Nuts)	Unknown	Unknown	N/A	Valve S/N BK7052	N/A	Replaced	No
Helical Threaded Inserts (1 3/8" Diameter), 12 Total	Helicoil	Not Recorded	N/A	Catalog ID 9759 UTC 2057695	N/A	Installed for Repair	No
Electromatic Relief Valve Inlet Flange Studs (1 3/8" - 12 X 7 1/4") A193 Grade B7, 6 Total	Dresser (Nova)	Heat SRA		Catalog ID 7970/ UTC 2004904	N/A	Replacement	No
Electromatic Relief Valve Inlet Flange Hex Nuts (1 3/8" - 12) A194 Grade 2H, 12 Total	Dresser	Heat A7V-1	N/A	Catalog ID 34748/ UTC 2065610	N/A	Replacement	No

7. Description of work: Repaired existing Electromatic relief valve inlet flange boltholes with helical coil threaded inserts as permitted under Code Case N-496-1 and replaced some of the inlet flange bolting (studs and nuts) that were damaged during valve disassembly.

8. Test Conducted: Hydrostatic [ ] Pneumatic [ ] Nominal Operating Pressure [ ] Not Applicable [X]  
Test Pressure N/A psig Test Temperature N/A °F

9. Remarks: None.

**Certificate of Compliance**

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

Signed: Brendan J. Casey ISI COORDINATOR 11-17, 2000  
(Owner or Owner's Designee) (Title) (Date)

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR/REPLACEMENT** described in this report on 11-21, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-21-00 Inspector: [Signature] Commissions: IL932, NB7742NIBS  
(State or Province, National Board)

# CATEGORY 3

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

DAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 10/6/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL, 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: Same as Above (Name)  
Same as Above (Address) WR 990170130 (PLAN 3-00-040)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 0220 Reactor Feedwater
- 5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases N-62-7  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3-0220-58A (Inboard Feedwater Check Valve) Seat/Ring Assembly	Crane	None	N/A	3-0220-58A	N/A	Replaced	No
3-0220-58A (Inboard Feedwater Check Valve) Seat/Ring Assembly	Crane	None	N/A	Cat ID 1033169/ UTC 2065745	N/A	Replacement	No

7. Description of work: Replaced existing feedwater check valve with modified seat/ring assembly in accordance with DCP 9900442. Valve failed the as found local leak rate test, seat/ring replaced to reduce seat leakage.

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

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

9. Remarks: No leakage noted during system leakage test on 10/1/2000.

### Certificate of Compliance

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

Signed: Brendan J. Casey ISI COORDINATOR 10-6, 20 00  
(Owner or Owner's Designee) (Title) (Date)

### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-6, 20 00 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-9-00 Inspector: Art T. Roney Commissions: IL932, NB7742NISB  
(State or Province, National Board)

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

DAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)
3. Work Performed By: General Electric (Name)  
175 Curtner Ave., San Jose, CA (Address)
- Date: 10/5/2000  
Sheet: 1 Of 4  
Unit: 3
- WR 990173236 (PLAN 3-00-041)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 0300 Control Rod Drive
- 5.(a) Construction Code ASME Section III, 19 74 Edition, W75 Addenda, Code Cases N207, 1361-2  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, No Addenda, Code Cases None
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Task 01: Ring Flange from Control Rod Drive (CRD Serial Number A6495)	General Electric	Not Recorded	N/A	CRD S/N A6495	N/A	Replaced	No
Task 01: Ring Flange for Control Rod Drive (CRD Serial Number A6495)	General Electric	B1103	N/A	Cat ID 7026/ UTC 2063382	N/A	Replacement	No
Task 02: Ring Flange from Control Rod Drive (CRD Serial Number A6509)	General Electric	Not Recorded	N/A	CRD S/N A6509	N/A	Replaced	No
Task 02: Ring Flange for Control Rod Drive (CRD Serial Number A6509)	General Electric	B1105	N/A	Cat ID 7026/ UTC 2063384	N/A	Replacement	No
Task 03: Ring Flange from Control Rod Drive (CRD Serial Number A4305)	General Electric	Not Recorded	N/A	CRD S/N A4305	N/A	Replaced	No
Task 03: Ring Flange for Control Rod Drive (CRD Serial Number A4305)	General Electric	B1003	N/A	Cat ID 7026/ UTC 2063367	N/A	Replacement	No

7. Description of work: Replaced existing control rod drive ring flanges from spare control rod drives obtained by Perry Station with new ring flange to accommodate Dresden Station instrumentation. Control rod drives to be installed under WR 990120170 (Repair/Replacement Plan 3-00-008).

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

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

9. Remarks: VT-2 examination is performed during system leakage test after control rod drives are installed.

**Certificate of Compliance**

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

Signed: Brendan J. Casey ISI COORDINATOR 10-25, 2000  
(Owner or Owner's Designee) (Title) (Date)

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-26, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-26-00 Inspector: Robert T. Remy Commissions: IL932, NB7742NIB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)
3. Work Performed By: General Electric (Name)  
175 Curtner Avenue, San Jose, CA (Address)

Date: 10/5/2000Sheet: 2 Of 4Unit: 3

WR 990173236 (PLAN 3-00-041)  
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0300 Control Rod Drive
5. (a) Construction Code ASME Section III, 19 74 Edition, W75 Addenda, Code Cases N207, 1361-2  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, No Addenda, Code Case None

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Task 04: Ring Flange from Control Rod Drive (CRD Serial Number A5557)	General Electric	Not Recorded	N/A	CRD S/N A5557	N/A	Replaced	No
Task 04: Ring Flange for Control Rod Drive (CRD Serial Number A5557)	General Electric	B1034	N/A	Cat ID 7026/ UTC 2063373	N/A	Replacement	No
Task 05: Ring Flange from Control Rod Drive (CRD Serial Number A4076)	General Electric	Not Recorded	N/A	CRD S/N A4076	N/A	Replaced	No
Task 05: Ring Flange for Control Rod Drive (CRD Serial Number A4076)	General Electric	B1013	N/A	Cat ID 7026/ UTC 2063370	N/A	Replacement	No
Task 06: Ring Flange from Control Rod Drive (CRD Serial Number A6502)	General Electric	Not Recorded	N/A	CRD S/N A6502	N/A	Replaced	No
Task 06: Ring Flange for Control Rod Drive (CRD Serial Number A6502)	General Electric	A5711	N/A	Cat ID 7026/ UTC 2039950	N/A	Replacement	No
Task 07: Ring Flange from Control Rod Drive (CRD Serial Number A6530)	General Electric	Not Recorded	N/A	CRD S/N A6530	N/A	Replaced	No
Task 07: Ring Flange for Control Rod Drive (CRD Serial Number A6530)	General Electric	B1037	N/A	Cat ID 7026/ UTC 2063375	N/A	Replacement	No
Task 08: Ring Flange from Control Rod Drive (CRD Serial Number A3977)	General Electric	Not Recorded	N/A	CRD S/N A6530	N/A	Replaced	No
Task 08: Ring Flange for Control Rod Drive (CRD Serial Number A3977)	General Electric	B1010	N/A	Cat ID 7026/ UTC 2063369	N/A	Replacement	No
Task 09: Ring Flange from Control Rod Drive (CRD Serial Number A5318)	General Electric	Not Recorded	N/A	CRD S/N A5318	N/A	Replaced	No
Task 09: Ring Flange for Control Rod Drive (CRD Serial Number A5318)	General Electric	A5711	N/A	Cat ID 7026/ UTC 2039950	N/A	Replacement	No
Task 10: Ring Flange from Control Rod Drive (CRD Serial Number A5199)	General Electric	Not Recorded	N/A	CRD S/N A5199	N/A	Replaced	No
Task 10: Ring Flange for Control Rod Drive (CRD Serial Number A5199)	General Electric	B1008	N/A	Cat ID 7026/ UTC 2063368	N/A	Replacement	No

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

Date: 10/5/2000

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

Sheet: 3 Of 4

Unit: 3

3. Work Performed By: General Electric (Name)  
175 Curtner Avenue, San Jose, CA (Address)

WR 990173236 (PLAN 3-00-041)  
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0300 Control Rod Drive

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Task 11: Ring Flange from Control Rod Drive (CRD Serial Number A6641)	General Electric	Not Recorded	N/A	CRD S/N A6641	N/A	Replaced	No
Task 11: Ring Flange for Control Rod Drive (CRD Serial Number A6641)	General Electric	B1104	N/A	Cat ID 7026/ UTC 2063383	N/A	Replacement	No
Task 12: Ring Flange from Control Rod Drive (CRD Serial Number A6484)	General Electric	Not Recorded	N/A	CRD S/N A6484	N/A	Replaced	No
Task 12: Ring Flange for Control Rod Drive (CRD Serial Number A6484)	General Electric	B1044	N/A	Cat ID 7026/ UTC 2063377	N/A	Replacement	No
Task 13: Ring Flange from Control Rod Drive (CRD Serial Number A6588)	General Electric	Not Recorded	N/A	CRD S/N A6588	N/A	Replaced	No
Task 13: Ring Flange for Control Rod Drive (CRD Serial Number A6588)	General Electric	B1000	N/A	Cat ID 7026/ UTC 2063366	N/A	Replacement	No
Task 14: Ring Flange from Control Rod Drive (CRD Serial Number A4602)	General Electric	Not Recorded	N/A	CRD S/N A4602	N/A	Replaced	No
Task 14: Ring Flange for Control Rod Drive (CRD Serial Number A4602)	General Electric	B1025	N/A	Cat ID 7026/ UTC 2041642	N/A	Replacement	No
Task 15: Ring Flange from Control Rod Drive (CRD Serial Number A5536)	General Electric	Not Recorded	N/A	CRD S/N A5536	N/A	Replaced	No
Task 15: Ring Flange for Control Rod Drive (CRD Serial Number A35536)	General Electric	B1072	N/A	Cat ID 7026/ UTC 2063378	N/A	Replacement	No
Task 16: Ring Flange from Control Rod Drive (CRD Serial Number A4356)	General Electric	Not Recorded	N/A	CRD S/N A4356	N/A	Replaced	No
Task 16: Ring Flange for Control Rod Drive (CRD Serial Number A4356)	General Electric	B1127	N/A	Cat ID 7026/ UTC 2063387	N/A	Replacement	No
Task 17: Ring Flange from Control Rod Drive (CRD Serial Number A6498)	General Electric	Not Recorded	N/A	CRD S/N A6498	N/A	Replaced	No
Task 17: Ring Flange for Control Rod Drive (CRD Serial Number A6498)	General Electric	B1021	N/A	Cat ID 7026/ UTC 2063371	N/A	Replacement	No

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL, 60450 (Address)
3. Work Performed By: General Electric (Name)  
175 Curtner Avenue, San Jose, CA (Address)

Date: 10/5/2000Sheet: 4 Of 4Unit: 3

WR 990173236 (PLAN 3-00-041)  
 Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0300 Control Rod Drive

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Task 18: Ring Flange from Control Rod Drive (CRD Serial Number A6513)	General Electric	Not Recorded	N/A	CRD S/N A6513	N/A	Replaced	No
Task 18: Ring Flange for Control Rod Drive (CRD Serial Number A6513)	General Electric	B1097	N/A	Cat ID 7026/ UTC 2063380	N/A	Replacement	No

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)Date: 10/24/20002. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)Sheet: 1 Of 1Unit: 33. Work Performed By: Same as Above (Name)  
Same as Above (Address)WR 990014970-01 (PLAN 3-00-043)  
Repair Organization P.O. No., Job No. etc.4. Identification of System: 0203 Main Steam5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases N-62-7  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Main Steam Isolation Valve (MSIV) Disc for Valve 3-0203-2C	Crane	None	N/A	3-0203-2C	N/A	Replaced	No
Main Steam Isolation Valve (MSIV) Disc for Valve 3-0203-2C	Crane	None	N/A	Cat ID 8119/ UTC 2066127	N/A	Replacement	No

7. Description of work: Replaced existing main steam isolation valve main disc with spare that was refurbished under WR 95097241-04 (Repair/Replacement Plan 2-96-001).

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

Test Pressure N/A psig Test Temperature N/A °F9. Remarks: None.

## Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.Signed: Brendan J. Casey ISI COORDINATOR 12-5, 20 00  
(Owner or Owner's Designee) (Title) (Date)

## Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 12-7, 20 00 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.Date: 12-7-00 Inspector: Robert T. Rainey Commissions: IL932, NB7742NISB  
(State or Province, National Board)

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

REVISION: 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL, 60450 (Address)
3. Work Performed By: Same as Above (Name)  
Same as Above (Address)

Date: 8-18-00

Sheet: 1 OF 1

Unit: 2

WR 990195478 (PLAN 3-00-045)  
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 3900 Service Water

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Bld	Repair, Replaced or Replacement	Code Stamped Yes/No
1 1/2" Ball Check Valve	Edwards	Unknown	N/A	3-3999-640	N/A	Replaced	No
1 1/2" Seamless Pipe (A-106 Grade B)	Unknown	Unknown	N/A	Line 3-39311-1 1/2"-D	N/A	Replaced	No
1 1/2" Ball Check Valve	Edwards	Heat 8PZ/XNX	N/A	Catalog ID 46548	N/A	Replacement	No
1 1/2" Seamless Pipe (A-106 Grade B)	Unknown	Heat A63145	N/A	Catalog ID 4625	N/A	Replacement	No

7. Description of work: During operating surveillance, valve was discovered to be stuck closed. Existing valve was replaced. Piping was changed for ease of installation and not due to any problems.

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

Test Pressure 64/200 psig Test Temperature 79 °F

9. Remarks: Performed VT-2 of upstream weld under DOS 6600-08 and downstream weld under DOS 1500-02 on 8/5/2000. No leakage noted, valve and associated welds are acceptable.

**Certificate of Compliance**

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

Signed: Brendan J. Casey ISI COORDINATOR 8-22 2000  
(Owner or Owner's Designee) (Title) (Date)

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 8-22, 2000, and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 8-22-00 Inspector: Robert T. Riney Commissions: IL932, NB7742NISB  
(State or Province, National Board)



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

REVISION 08

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

Date: 8-18-00

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

Sheet: 1 of 1Unit: 3

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

WR 990195473 (PLAN 3-00-046)  
Repair Organization P.O. No. Job No. etc.

4. Identification of System: 3900 Service Water

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Bld	Repair, Replaced or Replacement	Code Stamped Yes/No
1 1/2" Ball Check Valve	Edwards	Unknown	N/A	3-3999-642	N/A	Replaced	No
1 1/2" Seamless Pipe (A-106 Grade B)	Unknown	Unknown	N/A	Line 3-39312-1 1/2"-D	N/A	Replaced	No
1 1/2" Ball Check Valve	Edwards	Heat XNX/7CH	N/A	Catalog ID 46548	N/A	Replacement	No
1 1/2" Seamless Pipe (A-106 Grade B)	Unknown	Heat A63145	N/A	Catalog ID 4625	N/A	Replacement	No

7. Description of work: During operating surveillance, valve was discovered to be stuck closed. Existing valve was replaced. Piping was changed for ease of installation and not due to any problems.

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

Test Pressure 64/195 psig Test Temperature 79 °F

9. Remarks: Performed VT-2 of upstream weld under DOS 6600-08 and downstream weld under DOS 1500-02 on 8/5/2000. No leakage noted, valve and associated welds are acceptable.

**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: Brundan J. Casey ISI COORDINATOR 8-22, 2000  
(Owner or Owner's Designee) (Title) (Date)

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 8-22, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 8-22-00 Inspector: Robert T. Perry Commissions: IL932, NB7742NIB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL, 60450 (Address)
3. Work Performed By: Same as Above (Name)  
Same as Above (Address)
4. Identification of System: 8500 Nitrogen Inerting
- 5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

Date: 10/5/2000

Sheet: 1 Of 1

Unit: 3

WR 970134082-01 (PLAN 3-00-051)  
Repair Organization P.O. No., Job No. etc.

### 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
Relief Valve 3-8526 (Nitrogen Header Relief Valve)	Not Recorded	Not Recorded	N/A	3-8526	N/A	Replaced	No
Relief Valve 3-8526 (Nitrogen Header Relief Valve)	Consolidated/Allied	TK41554	N/A	Cat ID 35597/ UTC 2005234	N/A	Replacement	No

7. Description of work: Replaced existing relief valve with rebuilt and retested spare relief. Valve is threaded into place. This valve is considered Class MC.

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

Test Pressure \_\_\_\_\_ psig Test Temperature \_\_\_\_\_ °F

9. Remarks: No leakage identified during local leak rate test on 9/30/2000.

### Certificate of Compliance

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

Signed: Brendan J. Casey ISI COORDINATOR 10-5, 2000  
(Owner or Owner's Designee) (Title) (Date)

### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-9, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-9-00 Inspector: Paul T. Ramsey Commissions: IL932, NB7742NISB  
(State or Province, National Board)

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

DAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)
3. Work Performed By: Same as Above (Name)  
Same as Above (Address)
4. Identification of System: 0203 Main Steam
- 5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases N-62-7  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 12/15/2000Sheet: 1 Of 1Unit: 3

WR 980043258-01 (PLAN 3-00-054)  
Repair Organization P.O. No., Job No. etc.

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Main Steam Isolation Valve (MSIV) Disc for Valve 3-0203-2B	Crane	None	N/A	3-0203-2B	N/A	Replaced	No
Main Steam Isolation Valve (MSIV) Disc for Valve 3-0203-2B	Crane	None	N/A	Spare Assembly rebuilt under WR 980035839-01	N/A	Replacement	No

7. Description of work: Replaced existing main steam isolation valve main disc with spare that was refurbished under WR 980035839-01 (Repair/Replacement Plan 3-98-020).

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

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

9. Remarks: None.

**Certificate of Compliance**

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

Signed: Brundan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 12-15, 2000 (Date)

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 12-22-00, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 12-22-00 Inspector: Rust T. Remy Commissions: IL932, NB7742NISB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)Date: 10/5/20002. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)Sheet: 1 Of 1Unit: 33. Work Performed By: Same as Above (Name)  
Same as Above (Address)WR 990211614-01 (PLAN 3-00-055)  
Repair Organization P.O. No., Job No. etc.4. Identification of System: 0203 Main Steam5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases N-62-7  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
<u>10/10/2000</u> Spare Main Steam Isolation Valve (MSIV) Disc	Crane	None	N/A	None	N/A	Replaced	No
Spare Main Steam Isolation Valve (MSIV) Disc	Crane	None	N/A	Cat ID 8119/ UTC 2066126	N/A	Replacement	No

7. Description of work: Replaced existing main steam isolation valve main disc with spare that was refurbished under WR 95097241-03 (Repair/Replacement Plan 2-96-001).

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

Test Pressure N/A psig Test Temperature N/A °F9. Remarks: None.

## Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.Signed: Brendan J. Casey ISI COORDINATOR 10-6, 2000  
(Owner or Owner's Designee) (Title) (Date)

## Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-9, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.Date: 10-9-00 Inspector: Rust T. Quincy Commissions: IL932, NB7742NISB  
(State or Province, National Board)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT  
As Required by the Provisions of ASME Code Section XIDAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 10/25/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: Same as Above (Name)  
Same as Above (Address) WR 980064101-01 (PLAN 3-00-057)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 0220 Main Steam Drain
- 5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Outboard Main Steam Drain Isolation Valve Main Seats	Anchor Darling	Unknown	N/A	3-0220-2	N/A	Replaced	No
Outboard Main Steam Drain Isolation Valve Main Seats	Anchor Darling	Valve Serial Number EZ991-1-1	N/A	Cat ID 43804 UTC 2006412	N/A	Replacement	No

7. Description of work: Valve failed local leak rate test. Existing valve seats were replaced with seats removed from a spare valve assembly from the Storeroom (Valve Serial Number EZ991-1-1).

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

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

9. Remarks: No leakage identified during system leakage test on 10/1/2000.

## Certificate of Compliance

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

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 12-15, 20 00 (Date)

## Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 12-22-00 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 12-22-00 Inspector: Pat T. Casey Commissions: IL932, NB7742NISB  
(State or Province, National Board)

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

Date: 10/6/2000

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

Sheet: 1 Of 1

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

Unit: 3

Same as Above (Address)

WR 990141205 (PLAN 3-09-059)  
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 NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Flange Cap Screw for Control Rod Drive Housing B-04	Unknown	Unknown	N/A	CRD B-04	N/A	Replaced	No
Flange Cap Screw for Control Rod Drive Housing L-03	Unknown	Unknown	N/A	CRD L-03	N/A	Replaced	No
Flange Cap Screw for Control Rod Drive Housing N-08	Unknown	Unknown	N/A	CRD N-08	N/A	Replaced	No
Flange Cap Screw for Control Rod Drive Housing B-04	Nova	Heat Code PKJ	N/A	Cat ID 42416/ UTC 2063125	N/A	Replacement	No
Flange Cap Screw for Control Rod Drive Housing L-03	Nova	Heat Code PKJ	N/A	Cat ID 42416/ UTC 2063125	N/A	Replacement	No
Flange Cap Screw for Control Rod Drive Housing N-08	Nova	Heat Code PKJ	N/A	Cat ID 42416/ UTC 2063125	N/A	Replacement	No

7. Description of work: Replaced existing cap screws at control rod drives with leaking connections after existing cap screws were removed and examined by VT-3.

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

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

9. Remarks: Existing bolting removed was removed and examined in accordance with Dresden Station Third Interval ISI Plan Relief Request CR-18.

#### Certificate of Compliance

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

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 10-6, 2000 (Date)

#### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-9, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-9-00 Inspector: Paul T. Paving Commissions: IL932, NB7742NISB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)
3. Work Performed By: Same as Above (Name)  
Same as Above (Address)
4. Identification of System: 1600 Primary Containment
- 5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 98 Edition, NO Addenda, Code Cases NONE

Date: 10/27/2000  
Sheet: 1 Of 1  
Unit: 3

WR 990014973-01 (PLAN 3-00-061)  
Repair Organization P.O. No., Job No. etc.

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
4" Diameter Butterfly Valve Seats (Tefzel Valve Seat with O-Ring)	Neles-Jamesbury	Unknown	N/A	3-1601-55	N/A	Replaced	No
4" Diameter Butterfly Valve Seats (Tefzel Valve Seat with O-Ring)	Neles-Jamesbury	Unknown	N/A	Cat ID 43270/ UTC 2060118	N/A	Replacement	No

7. Description of work: Replaced existing valve seats with new seats because valve failed as found local leak rate test. This is considered a Class MC component.

8. Test Conducted: Hydrostatic [ ] Pneumatic [X] Nominal Operating Pressure [ ] Not Applicable [ ]  
Test Pressure 50.98 psig Test Temperature 84 °F

9. Remarks: Valve passed as left local leak rate test under DOS 7000-31 on 9/29/2000.

Certificate of Compliance

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

Signed: Brendan J. Casey ISI COORDINATOR 11/13, 2000  
(Owner or Owner's Designee) (Title) (Date)

Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 11-14, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-14-00 Inspector: Runt T. Riving Commissions: IL932, NB7742NIB  
(State or Province, National Board)

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

DAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 12/12/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: Same as Above (Name)  
Same as Above (Address) WR 930055112-01 (PLAN 3-94-054)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 1500 LPCI
- 5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3A LPCI Pump Discharge Check Valve	C & S Valve	Unknown	N/A	3-1501-63A	N/A	Replaced	No
Flange Bolting (1 1/8" Diameter A193 Grade B7/A194 Grade 2H)	Unknown	Unknown	N/A	3-1501-63A	N/A	Replaced	No
3A LPCI Pump Discharge Check Valve	C & S Valve	94-2587-01(Q)-01	N/A	SI #813D02	N/A	Replacement	No
Flange Bolts (A193 Grade B7, 1 1/8" Diameter)	Not Recorded	Heat 8869139	N/A	SI #760G56	N/A	Replacement	No
Flange Hex Nuts (A194 Grade 2H, 1 1/8" Diameter)	Not Recorded	Heat 16489	N/A	SI #764D55	N/A	Replacement	No

7. Description of work: Modified flange to allow removal of bolting per Minor Plant Change P12-3-94-204 and replaced existing check valve with new valve assembly per Check Valve Coordinator's recommendation.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Not Applicable ☐

Test Pressure 170 psig Test Temperature Ambient °F

9. Remarks: No evidence of leakage noted during VT-2 examination on 7/12/94. DR 96-031 was initiated due to no surface examination being performed on replacement check valve surfaces as required per site specification K-4080. WR 960042066 was initiated to perform the surface examination. CR D2000-04508 was initiated for NIS-2 forms not completed prior to D3R16 outage.

**Certificate of Compliance**

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

Signed: Brendan J. Casey ISI COORDINATOR 12-15, 2000  
(Owner or Owner's Designee) (Title) (Date)

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 12-22, 2000, and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 12-27-00 Inspector: Robert T. Rivers Commissions: IL932, NB7742NISB  
(State or Province, National Board)



1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
- Date: 11/2/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)
- Sheet: 1 Of 1
- Unit: 3
3. Work Performed By: Same as Above (Name)  
Same as Above (Address)
- WR 930052426 (PLAN 3-94-080)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 3900 Diesel Generator Cooling Water
- 5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Unit 3 Diesel Generator Cooling Water Pump	Chempump	19988-1B	N/A	3-3903	N/A	Replaced	No
Unit 3 Diesel Generator Cooling Water Pump	Chempump	19988-3C	N/A	SI #254C81	N/A	Replacement	No

7. Description of work: Replaced existing diesel generator cooling water pump with rebuilt spare assembly due to bad bearings. The pump and motor come as one assembly.

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

Test Pressure 73 psig Test Temperature 58 °F

9. Remarks: No leakage noted during system functional test on 4/16/94. Package was approved without NIS-2 form being completed. CR D2000-04508 was initiated on Unit 3 Repair/Replacement plans that were not processed.

#### Certificate of Compliance

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

Signed: Brendan J. Laszy ISI COORDINATOR 11-2, 20 00  
(Owner or Owner's Designee) (Title) (Date)

#### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 11-2, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-2-00 Inspector: Kent T. Riney Commissions: IL932, NB7742NIBS  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)Date: 11/27/20002. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)Sheet: 1 Of 1Unit: 33. Work Performed By: Same as Above (Name)  
Same as Above (Address)WR 940096511-01 (PLAN 3-95-004)  
Repair Organization P.O. No., Job No. etc.4. Identification of System: 1500 CCSW5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3C CCSW Pump Discharge Check Valve (10" Dual Disc)	C & S Valve	Not Recorded	N/A	3-1501-1C	N/A	Replaced	No
3C CCSW Pump Discharge Check Valve (10" Dual Disc)	Gulf Valve	27823-1-1-B	N/A	SI #814B60	N/A	Replacement	No

7. Description of work: Replaced existing pump discharge check valve (which was leaking by) with a new check valve. CR D2000-04508 was initiated on Unit .  
Repair/Replacement plans that were not processed.

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

Test Pressure 189 psig Test Temperature Ambient °F9. Remarks: None.

## Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.Signed: Brendan J. Casey ISI COORDINATOR 11-27, 2000  
(Owner or Owner's Designee) (Title) (Date)

## Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 12-1-00, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 12-1-00 Inspector: Vart J. Casey Commissions: IL932, NB7742NISB  
(State or Province, National Board)

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

Date: 10/6/2000

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

Sheet: 1 Of 1

Unit: 3

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

WR 950046271 (PLAN 3-96-013)  
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0203 Main Steam

5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases N-62-7  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3-0203-1B (Inboard Main Steam Isolation Valve)	Crane	None	N/A	3-0203-1B	N/A	Repair	No

7. Description of work: Removed existing valve guide liner (which was welded to valve body) and replaced with retrofit kit from valve OEM (Crane). Performed surface examinations on areas where attachment welds were removed. No welding was performed on valve. Valve was disassembled due to failed local leak rate test.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Not Applicable ☒

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

9. Remarks: No leakage noted during system leakage test on 10/1/2000.

#### Certificate of Compliance

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

Signed: Brendan J. Casuy ISI COORDINATOR 10-6, 20 00  
(Owner or Owner's Designee) (Title) (Date)

#### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-9-2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-9-00 Inspector: Ant T Lawry Commissions: IL932, NB7742NISB  
(State or Province, National Board)

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT  
As Required by the Provisions of ASME Code Section XIDAP 11-18  
REVISION 081. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)Date: 11/30/20002. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL, 60450 (Address)Sheet: 1 Of 1Unit: 33. Work Performed By: Same as Above (Name)  
Same as Above (Address)WR 970131266-01 (PLAN 3-98-004)  
Repair Organization P.O. No., Job No. etc.4. Identification of System: 1500 LPCI5. (a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases N-416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3C LPCI Pump Minimum Flow Check Valve	Hancock	Not Recorded	N/A	3-1501-65C	N/A	Replaced	No
3C LPCI Pump Minimum Flow Check Valve	Hancock	Heat YJL/YSE	N/A	Catalog ID 42332/UTC 2006220	N/A	Replacement	No

7. Description of work: Replaced existing Hancock Model 5540W (obsolete model) with Hancock Model 5580W per Alternate Part Replacement D1998-0025-000.

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

Test Pressure 156 psig Test Temperature Ambient °F9. Remarks: VT-2 examination performed during LPCI Operating surveillance on 11/29/00, no evidence of 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: Buridan J. Casey ISI COORDINATOR 11-30, 20 00  
(Owner or Owner's Designee) (Title) (Date)

## Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 12-1, 20 00 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 12-1-00 Inspector: Paul T. Rainey Commissions: IL932, NB7742NISB  
(State or Province, National Board)

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

Date: 12/10/2000

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

Sheet: 1 Of 1

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

Unit: 3

WR 970076194-03 (PLAN 3-98-040)  
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 CCSW/LPCI

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3B CCSW/LPCI Heat Exchanger Tubes	Berlin Chapman	05036-3	3006	3-1503B	1967	Repair	Yes

7. Description of work: Weld repaired pitted areas at the upper and lower channel of the 3B CCSW/LPCI heat exchanger.

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

Test Pressure 227.7/228.5 psig Test Temperature 50 °F

9. Remarks: No leakage identified during DOS 1500-12 on 2/13/99. Pressure taken from computer points C336 and C337, temperature from computer point C342. CR D2000-04508 was initiated on NIS-2 form not being completed during D3R15.

### Certificate of Compliance

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

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 12-11, 2000 (Date)

### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR** described in this report on 12-14, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 12-14-00 Inspector: Rent J. Rainey Commissions: IL932, NB7742NISB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL, 60450 (Address)
3. Work Performed By: Same as Above (Name)  
Same as Above (Address)
4. Identification of System: 2300 HPCI
- 5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 10/5/2000Sheet: 1 Of 1Unit: 3WR 970028050-01 (PLAN 3-99-003)  
Repair Organization P.O. No., Job No. etc.

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 Check Valve (24" 150# Class)	C & S Valve	92-2075-01(Q)-02	N/A	3-2301-45	N/A	Replaced	No
HPCI Turbine Exhaust Check Valve (24" 150# Class)	Atwood & Morrill	Heat E4638 Serial Number 5  Atwood & Morrill Serial Number 1-11759-01	N/A	Cat ID 38267/ UTC 2065838	N/A	Replacement	No

7. Description of work: Replaced existing HPCI turbine exhaust check valve. Existing flange bolting was reinstalled.

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

Test Pressure 30 psig Test Temperature Ambient °F9. Remarks: No leakage identified during HPCI 920# run on 10/1/2000.

## Certificate of Compliance

We certify that the statements made in this report are correct and this **REPLACEMENT** Conforms to Section XI of the ASME Code.Signed: Brendan J. Casny ISI COORDINATOR 10-26, 20 00  
(Owner or Owner's Designee) (Title) (Date)

## Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-26, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-26-00 Inspector: Paul T Rainey Commissions: IL932, NB7742NISB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL, 60450 (Address)
3. Work Performed By: Same as Above (Name)  
Same as Above (Address)
4. Identification of System: 0220 Reactor Feedwater
- 5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases N-62-7  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 10/17/2000Sheet: 1 Of 1Unit: 3WR 950065579-01 (PLAN 3-99-012)  
Repair Organization P.O. No., Job No. etc.

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 Feedwater Check Valve (18" Tilting Disc) Seat/Disc Assembly	Crane Valve	Unknown	N/A	3-0220-62A	N/A	Replaced	No
Outboard Feedwater Check Valve (18" Tilting Disc) Seat/Disc Assembly	Crane Valve	Unknown	N/A	Catalog ID 7860 UTC WR 980085270-01	N/A	Replacement	No

7. Description of work: Replaced existing seat/disc assembly in the 3-0220-62A valve with a spare seat/disc assembly which was refurbished under WR 980085270-01.  
Existing seat/disc assembly failed the as found local leak rate test.

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

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

9. Remarks: No leakage was noted during system leakage test on 10/1/2000.

## Certificate of Compliance

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

Signed: Brendan J. Casny (Owner or Owner's Designee) ISI COORDINATOR (Title) 10-17, 2000 (Date)

## Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-24, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-24-00 Inspector: Robert T. Lewis Commissions: IL932, NB7742NISB  
(State or Province, National Board)

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

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

Date: 10/17/2000Sheet: 1 Of 1Unit: 3

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

WR 950065580-01 (PLAN 3-99-013)  
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0220 Reactor Feedwater

5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases N-62-7  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Outboard Feedwater Check Valve (18" Tilting Disc) Seat/Disc Assembly	Crane Valve	Unknown	N/A	3-0220-62B	N/A	Replaced	No
Outboard Feedwater Check Valve (18" Tilting Disc) Seat/Disc Assembly	Crane Valve	Unknown	N/A	Catalog ID 7860 UTC 2001973	N/A	Replacement	No

7. Description of work: Replaced existing seat/disc assembly in the 3-0220-62B valve with a spare seat/disc assembly which was refurbished under WR 980085270-01.  
Existing seat/disc assembly failed the as found local leak rate test.

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

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

9. Remarks: No leakage was noted during system leakage test on 10/1/2000.

## Certificate of Compliance

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

Signed: Brendan J. Casey ISF COORDINATOR 10-17, 2000  
(Owner or Owner's Designee) (Title) (Date)

## Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-24, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-24-00 Inspector: Robert T. Davis Commissions: IL932, NB7742NISB  
(State or Province, National Board)



# CATEGORY 3

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

DAP 11-18  
REVISION 08

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

Date: 11/6/2000

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

Sheet: 1 Of 1

Unit: 3

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

WR 980043261 (PLAN 3-99-015)  
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 0205 Reactor Head Spray

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

### 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Head Spray Inlet Check Valve (2 1/2" Nozzle Check Valve)	Anchor Darling	Not Recorded	N/A	3-0205-27	N/A	Replaced	No
Head Spray Inlet Check Valve (Wafer Check Valve)	BW/IP International (Flowserve)	E-696A-1-1	N/A	Cat ID 45351/ UTC 2006628	N/A	Replacement	No

7. Description of work: Replaced existing nozzle check valve (which failed the as found local leak rate test) with a new dual disc check valve. Rubber seating surface on the nozzle check were discovered missing. Existing flange bolting was reinstalled.

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

Test Pressure 1060 psig Test Temperature 144.5/154 °F

9. Remarks: No leakage noted during system leakage test on 10/1/2000. Test temperatures are taken from Reactor Vessel Bottom Head and Upper Vessel Beltline respectively.

### Certificate of Compliance

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

Signed: Brendan J. Casay ISI COORDINATOR 11-6, 2000  
(Owner or Owner's Designee) (Title) (Date)

### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 11-6, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-6-00 Inspector: Rust T. Roney Commissions: IL932, NB7742NISB  
(State or Province, National Board)

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

DAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)
3. Work Performed By: G. N. Venture (Name)  
Same as Above (Address)
4. Identification of System: 1500 CCSW/LPCI
5. (a) Construction Code ASME Section III, 19 65 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Date: 11/12/2000

Sheet: 1 Of 1

Unit: 3

WR 970076187-01 (PLAN 3-99-022)  
Repair Organization P.O. No., Job No. etc.

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replaced	Code Stamped Yes/No
3A CCSW/LPCI Heat Exchanger Tubes	Berlin Chapman	05036-4	3007	3-1503A	1967	Repair (Plug) and Replaced	No (Tubes)
3A CCSW/LPCI Heat Exchanger Tubes ( 20 Plugs)	Unknown	Unknown	N/A	SI #773H40	N/A	Replacement	No
3A CCSW/LPCI Heat Exchanger Tubes (ASME SB-111, 3/4" X 18 BWG) 150 Tubes	Unknown	Unknown	N/A	SI #808E87	N/A	Replacement	No

7. Description of work: Based on eddy current testing results, plugged 10 tubes and replaced 150 tubes.

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

Test Pressure 375 psig Test Temperature 65 °F

9. Remarks: After tubes were plugged/replaced, heat exchanger shell side was pressurized to 375 psig and VT-2 examination was performed (no leakage observed). CR D2000-04508 initiated on NIS-2 forms that were not completed prior to D3R16.

**Certificate of Compliance**

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

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

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR/REPLACEMENT** described in this report on 12-14, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 12-14-00 Inspector: Mark J. Casey Commissions: IL932, NB7742NISB  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 11/17/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: G. N. Venture (Name)  
Same as Above (Address) WR 980131116-05 (PLAN 3-99-032)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 2300 HPCI
- 5.(a) Construction Code USAS B31.1.0/ASME Section VIII, 19 67/65 Edition, No/No Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
3-2307B (HPCI Drain Pot)	Du-Well Fabr & Eng.	5950-4	2646	3B-2307	1969	Repair	Yes
Support M-1187D-129	Unknown	None	N/A	Support M-1187D-129	N/A	Repair	No

7. Description of work: As part of an upgrade of HPCI system under DCP 9800330, existing undersized fillet welds on drain pot lugs and associated support were reworked. In addition, G. N. Venture welder performed welds without approved work instructions, so unauthorized welds were removed and reinstalled under approved work package.

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

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

9. Remarks: Excavations of welded attachments to drain pot did not exceed 10% of vessel design wall, therefore pressure testing was not required. ISI review of package was not obtained after work was completed, CR D2000-0450 initiated to document discrepancy in package final review.

### Certificate of Compliance

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

Signed: Brendan J. Casey (Owner or Owner's Designee) ISI COORDINATOR (Title) 11-17, 2000 (Date)

### Certificate of Inspection

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPAIR** described in this report on 11-17-00, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 11-17-00 Inspector: Art J. Casey Commissions: IL932, NB7742NIBS  
(State or Province, National Board)

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

DAP 11-18  
REVISION 08

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

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

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

Date: 4-28-2000  
Sheet: 1 Of 1  
Unit: 3

WR 990011505-01 (Plan 3-99-036)  
Repair Organization P.O. No., Job No. etc.

4. Identification of System: 1500 CCSW/LPCI

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

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Bonnet for 3A CCSW/LPCI Heat Exchanger Tube Side Drain Valve (2" A-105)	Hancock	Not Identified	N/A	3-1599-65A	N/A	Replaced	No
Bonnet for 3A CCSW/LPCI Heat Exchanger Tube Side Drain Valve (2" A-105)	Hancock/Dresser	Not Identified	N/A	SI #814F49 (for spare valve)	N/A	Replacement	No

7. Description of work: Replaced bonnet on existing valve with bonnet from new valve obtained from Stores. Existing valve was plugged with mud and would not pass flow required to obtain samples for Chemistry Department.

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

Test Pressure 228 psig Test Temperature 51 °F

9. Remarks: No leakage detected during VT-2 examination on 2/13/99.

**Certificate of Compliance**

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

Signed: Brendan J. Casey ISI COORDINATOR 4-28, 20 00  
(Owner or Owner's Designee) (Title) (Date)

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 4-3, 20 00 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 4-3-00 Inspector: Dwight T. Rainey Commissions: IL932, NB7742NISB  
(State or Province, National Board)

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

DAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)
3. Work Performed By: Same as Above (Name)  
Same as Above (Address)
- Date: 4-28-2000  
Sheet: 1 Of 1  
Unit: 3
- WR 990011914-01 (Plan 3-99-037)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 1500 CCSW/LPCI
- 5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Bonnet for 3B CCSW/LPCI Heat Exchanger Tube Side Drain Valve (2" A-105)	Hancock	Not Identified	N/A	3-1599-65B	N/A	Replaced	No
Bonnet for 3B CCSW/LPCI Heat Exchanger Tube Side Drain Valve (2" A-105)	Hancock/Dresser	Not Identified	N/A	SI #814F49 (for spare valve)	N/A	Replacement	No

7. Description of work: Replaced bonnet on existing valve with bonnet from new valve obtained from Stores. Existing valve was plugged with mud and would not pass flow required to obtain samples for Chemistry Department.

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

Test Pressure 191 psig Test Temperature 50 °F

9. Remarks: No leakage detected during VT-2 examination on 2/13/99.

**Certificate of Compliance**

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

Signed: Brendan J. Casey ISI COORDINATOR 4-28, 2000  
(Owner or Owner's Designee) (Title) (Date)

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 5-3, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 5-3-00 Inspector: Rust J. Roney Commissions: IL932, NB7742NISB  
(State or Province, National Board)

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

DAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 4-27-2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL, 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: Same as Above (Name)  
Same as Above (Address) WR 990060559-01 (PLAN 3-99-042)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 6600 Diesel Generator
- 5.(a) Construction Code TEMA Class C/USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Unit 3 Diesel Generator Cooling Water Heat Exchangers (3-6699A and 3-6699B)	Young Radiator	Not Recorded	N/A	3-6699A and 3-6699B	N/A	Replaced	No
Unit 3 Diesel Generator Cooling Water Heat Exchangers (3-6699A and 3-6699B)	Young Radiator (Refurbished by Ecker-Erhardt)	Young Radiator Serial Numbers 157866 and 157865	N/A	SI #791E45	N/A	Replacement	No

7. Description of work: Replaced existing Unit 3 Diesel Generator Heat Exchangers due to tube leak in one of the heat exchangers.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Not Applicable ☐

Test Pressure 19/18 psig Test Temperature 88 °F

9. Remarks: Pressure recorded from PI 3-3941-30 and PI 3-3941-31 respectively. Subsequent review of documentation discovered that replacement heat exchangers were refurbished by vendor without a Section XI repair/replacement program. PIF D1999-02474 was initiated on 6/16/99 and Operability Evaluation 99-023 was completed to address operability concerns. Both heat exchangers were subsequently replaced under Repair/Replacement Plan 3-00-11.

**Certificate of Compliance**

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

Signed: Brendan J. Casey ISI COORDINATOR 4-27, 2000  
(Owner or Owner's Designee) (Title) (Date)

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 4-29, 2000 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 4-28-00 Inspector: Russ T. Kinsky Commissions: IL932, NB7742NISB  
(State or Province, National Board)

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

DAP 11-18  
REVISION 08

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address)
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address)
3. Work Performed By: Same as Above (Name)  
Same as Above (Address)
4. Identification of System: 0203 Main Steam

Date: 10/5/2000

Sheet: 1 Of 1

Unit: 3

990046067-01 99  
WR 990051765-01 (PLAN 3-00-043) 10/12/00  
Repair Organization P.O. No., Job No. etc.

10/12/00

- 5.(a) Construction Code ASME Section III, 19 68 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
Target Rock Relief Valve	Target Rock Corp.	222	N/A	3-0203-3A	N/A	Replaced	No
Target Rock Relief Valve	Target Rock Corp.	214	N/A	Cat ID 8070/ UTC 2042359	N/A	Replacement	No

7. Description of work: Replaced existing Target Rock relief valve with rebuilt and retested spare relief. Existing inlet and outlet flange bolting was reinstalled.

8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Not Applicable ☐

Test Pressure 1060 psig Test Temperature 144.5/154 °F

9. Remarks: No leakage identified during system leakage test on 10/1/2000. Test temperatures are from Reactor Bottom Head and Upper Vessel Beltline respectively.

**Certificate of Compliance**

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

Signed: Brendan J. Casey ISI COORDINATOR 10-12, 2000  
(Owner or Owner's Designee) (Title) (Date)

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 10-13-00 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 10-13-00 Inspector: Art T. Rainey Commissions: IL932, NB7742NIBS  
(State or Province, National Board)

1. Owner: ComEd Company (Name)  
One First National Plaza, Chicago IL, 60690 (Address) Date: 3/24/2000
2. Plant: Dresden Nuclear Power Station (Name)  
6500 North Dresden Road, Morris IL., 60450 (Address) Sheet: 1 Of 1  
Unit: 3
3. Work Performed By: Same as Above (Name)  
Same as Above (Address) WR 990053458-01 (Plan 3-99-044)  
Repair Organization P.O. No., Job No. etc.
4. Identification of System: 3900 Service Water (Diesel Generator Cooling Water)
- 5.(a) Construction Code USAS B31.1.0, 19 67 Edition, NO Addenda, Code Cases NONE  
(b) Edition of Section XI used for Repair/Replacement 19 89 Edition, NO Addenda, Code Cases NONE
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Mfrs. Serial No.	Nat Brd No	Other ID	Yr Blt	Repair, Replaced or Replacement	Code Stamped Yes/No
8" X 6" X 6" Concentric Expansion Joint	Unknown	Unknown	N/A	3-3903	N/A	Replaced	No
8" X 6" X 6" Concentric Expansion Joint	Proco Products, Inc.	Unknown	N/A	Catalog ID Number 0000037883	N/A	Replacement	No

7. Description of work: Replaced existing expansion joint on suction piping of Unit 3 Diesel Generator Cooling Water pump with new expansion joint in accordance with six year preventative maintenance surveillance.

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

Test Pressure 3.0 psig Test Temperature Ambient °F

9. Remarks: VT-2 examination performed at nominal operating pressure, no leakage observed.

**Certificate of Compliance**

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

Signed: Brendan J. Casey ISI COORDINATOR 4-21, 20 00  
(Owner or Owner's Designee) (Title) (Date)

**Certificate of Inspection**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by The Hartford Steam and Boiler Insurance and Inspection Co. of Hartford, Connecticut having inspected the **REPLACEMENT** described in this report on 4-25, 20 00 and state to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date: 4-25-00 Inspector: Paul T. Linney Commissions: IL932, NB7742NISB  
(State or Province, National Board)