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0007310 486

I. INTRODUCTION

The sixth Inservice Inspection (ISI) of Dresden Unit 3 was performed during the Winter, 1980 refueling outage which lasted from January 3, 1980 to May 3, 1980. This was the first inspection of the final third of the unit's 10-year ISI program interval which commenced on November 16, 1971.

Con Am Inspection was contracted to perform the non-destructive testing during the refueling outage. Personnel from Commonwealth Edison's Operational Analysis Department (O.A.D.) participated in the inspection to advise on technical problems, review inspection personnel qualifications, review examination results, and evaluate certain indications. O.A.D. personnel also performed ultrasonic testing on the feedwater nozzles and the entire repaired portion of the reactor water cleanup line.

The Authorized Inspector's services were provided by Hartford Steam Boiler Inspection and Insurance Company. The Authorized Inspector reviewed procedures, personnel qualifications, instrument and material certifications, and examination results. Other personnel involved with the Inservice Inspection were U.P.P., who performed the weld grinding, and M & O Insulators, who carried out the insulation removal and re-installation.

All of the examinations were performed in accordance with the Unit 3 Technical Specifications and the ASME Boiler and Pressure Vessel Code, Section XI, 1974 edition through its 1975 Summer Addenda.

II. SCOPE OF INSPECTION

The Inservice Inspections performed are identified per ASME, Section XI, Category in the tables contained in the following pages. Supplemental inspections are listed but not categorized according to the Code. The tables reflect the components inspected, the methods used, and the extent of the examination. The tables also show the results obtained; indications found at above 20% distance amplitude correction (DAC) were recorded and evaluated, others were considered non-recordable indications (NRI).

Other tests performed were the CRD Class II scram discharge volume and the reactor vessel 1000 psi hydrostatic tests. These tests indicated no abnormalities.

Attachment 1 should answer any questions on abbreviations made throughout the report.

ISI INSPECTIONS

TABLE A

DRESDEN NUCLEAR POWER STATION
UNIT NO. 3, DATE NUMBER 82900
WINTER, 1980 INSERVICE INSPECTION

ASME CATEGORY	COMPONENT	METHOD	EXTENT OF EXAMINATION	RESULTS			
				INDICATION NO.	SCAN TYPE	PERCENT DAC	EVALUATION
B	Head Circumferential Weld	UT	-2 ft. at 60° Meridional Weld				NRI
	Vessel Longitudinal Weld		-Top 2 ft. at 219° Weld				NRI
	Head Meridional Weld	UT	Top ½ at 60° Weld				NRI
			Bottom ½ at 180° Weld				NRI
			Bottom ½ at 240° Weld				NRI
		Bottom ½ at 0° Weld				NRI	
C	Vessel-to-Flange	UT	Hole 32-40 and 55-79	1	4	55	Geometry
	Head-to-Flange	UT	Hole 36-60 and 74-90				NRI
D	Recirc. Inlet Nozzle N2F	UT	N-V				NRI
		IR					NRI
	Recirc. Inlet Nozzle N2J	UT	N-V				NRI
		IR					NRI
	Main Steam Nozzle N3A	UT	N-V				NRI
		IR					NRI
Main Steam Nozzle N3C	UT	N-V				NRI	
	IR					NRI	

DRESDEN NUCLEAR POWER STATION
UNIT NO. 3 DATE NUMBER 82900
WINTER, 1980 INSERVICE INSPECTION

ASME CATEGORY	COMPONENT	METHOD	EXTENT OF EXAMINATION	RESULTS			EVALUATION
				INDICATION NO.	SCAN TYPE	PERCENT DAC	
D (Cont.)	Main Steam Nozzle N3D	UT	N-V				NRI
			IR				NRI
	Feedwater Nozzle N4A	UT	N-V	1	3	100 + 2 db	I.D.
			IR				NRI
	Feedwater Nozzle N4C	UT	N-V	1	3	50	I.D.
			IR				NRI
	SBLC Nozzle N12	UT	N-V				NRI
	Head Instrument Nozzle N18B	UT	N-V				NRI
			IR				NRI
	Core Spray Nozzle N19A	UT	N-V				NRI
			IR				NRI
	Jet Pump Instrument Nozzle N20A	UT	N-V				NRI
			IR				NRI
	F	Recirc. Inlet Nozzle N2F	VT, PT	SE-N			
UT							
	Recirc. Inlet Nozzle N2J	VT, PT	SE-N				NRI
		UT					

DRESDEN NUCLEAR POWER STATION
 UNIT NO. 3, DATE NUMBER 82900
 WINTER, 1980 INSERVICE INSPECTION

ASME CATEGORY	COMPONENT	METHOD	EXTENT OF EXAMINATION	RESULTS			
				INDICATION NO.	SCAN TYPE	PERCENT DAC	EVALUATION
F (Cont.)	Main Steam Nozzle N3B	VT, PT UT	SE-N				NRI
	Main Steam Nozzle N3D	VT, PT UT	SE-N				NRI
	SBLC Nozzle N12	VT, PT UT	SE-N				NRI
	Instrumentation Nozzle N13A	VT, PT UT	SE-N				NRI
	Instrumentation Nozzle N16A	VT, PT UT	SE-N				NRI
	Instrumentation Nozzle N16B	VT, PT UT	SE-N				NRI
	Head Instrument Nozzle N18B	VT, PT UT	SE-N	1	2	100 + 3 db	I.D.
	Jet Pump Instrument Nozzle N20A	VT, PT UT	SE-N	1	2	100 + 2 db	I.D.
	CRD 4-9	VT, PT UT	P-V		3	100 + 6 db	I.D. NRI
HPCI 14-1	VT, PT UT	SE-E				NRI	
G-1	Vessel Studs	UT	92 Vessel Studs				NRI
	Vessel Washers	VT, MT	184 Vessel Washers				NRI
	Vessel Nuts	VT, MT UT	92 Nuts				NRI
	Vessel Ligament	UT	Stud Hole #47 to #78				NRI

DRESDEN NUCLEAR POWER STATION
UNIT NO. 3 DATE NUMBER 82900
WINTER, 1980 INSERVICE INSPECTION

ASME CATEGORY	COMPONENT	METHOD	EXTENT OF EXAMINATION	RESULTS			
				INDICATION NO.	SCAN TYPE	PERCENT DAC	EVALUATION
G-2	Bolting on the Following Valves:	VT	Valve #0202-5A				NRI
			Valve #0202-5B				NRI
J	Bottom Drain	VT, PT	P-V Weld #0207-2-14				NRI
			V-P Weld #0207-2-13				Surface Indications
			P-V Weld #0207-2-12				NRI
			E-P Weld #0207-2-11				NRI
	HPCI	UT	E-P Weld #2305-10-K4	1	2	80	OD
					3	80	OD
			P-E Weld #2305-10-18	1	2	30	I.D.
					3	40	OD
				2	2	40	OD
			E-P Weld #2305-10-K19	1	3	70	I.D.
Main Steam	UT	E-P Weld #3001A-20-18	1	2	30	OD	
				3	40	OD	
				4	40	OD	
			2	2	45	I.D.	
				3	35	I.D.	
		P-E Weld #3001B-20-20	1	2	40	OD	

DRESDEN NUCLEAR POWER STATION
 UNIT NO. 3, SITE NUMBER 82900
 WINTER, 1980 INSERVICE INSPECTION

ASME CATEGORY	COMPONENT	METHOD	EXTENT OF EXAMINATION	RESULTS				
				INDICATION NO.	SCAN TYPE	PERCENT DAC	EVALUATION	
J (Cont.)	Feedwater	UT			3	30	I.D.	
					2	35	I.D.	
					3	30	OD	
				E-P Weld #3001C-20-K16A	1	2	100 + 1 db	I.D.
					3	40	OD	
				E-P Weld #3001C-20-17	1	2	100 + 6 db	I.D.
					3	30	I.D.	
					2	40	I.D.	
					3	45	OD	
					3	45	OD	
				P-E Weld #3001C-20-K17	1	2	50	I.D.
					3	50	I.D.	
				E-P Weld #3001D-20-18	1	2	30	I.D.
					3	30	OD	
					2	40	OD	
					3	45	I.D.	
					2	78	I.D.	
	1	2	100 + 6 db	OD				
	3	100	I.D.					
	2	100 + 6 db	I.D.					

DRESDEN NUCLEAR POWER STATION
UNIT NO. 3, SITE NUMBER 82900
WINTER, 1980 INSERVICE INSPECTION

ASME CATEGORY	COMPONENT	METHOD	EXTENT OF EXAMINATION	RESULTS			
				INDICATION NO.	SCAN TYPE	PERCENT DAC	EVALUATION
J (Cont.)	Recirc.	VT, PT			3	100	I.D.
			P-E Weld #3204C-12-K2	1	2	34	I.D.
				2	2	75	OD
			P-E Weld #3204D-12-K5	1	2	50	OD
					3	40	I.D.
				2	2	40	I.D.
			BPC Weld #0201A-28-4X-1				NRI
			BPC Weld #0201A-28-4-K14				NRI
			BPC Weld #0201B-28-13C				NRI
			BPC Weld #0201B-28-K17				NRI
	CRD Return Line	UT	R-P Weld #4-K5				NRI
			P-E Weld #4-6				NRI
			E-P Weld #4-7	1	2	100	OD
			P-V Weld #4-7A				NRI
			V-P Weld #4-8	1	3	90	OD
	Core Spray Loop B 1404	UT	T-C Weld #10-41	1	3	100	OD
			P-E Weld #10-42	1	3	100 + 2	I.D.
	Recirc. Bypass Loop A	UT	Weldolet to Pipe Weld #W1A				NRI
			P-E Weld #W2A	1	3	60	I.D.

DRESDEN NUCLEAR POWER STATION
 UNIT NO. 3, DATE NUMBER 82900
 WINTER, 1980 INSERVICE INSPECTION

ASME CATEGORY	COMPONENT	METHOD	EXTENT OF EXAMINATION	RESULTS			
				INDICATION NO.	SCAN TYPE	PERCENT DAC	EVALUATION
J (Cont.)	Recirc. Bypass Loop B	UT	E-P Weld #W3A	1	2	50	OD
			P-V Weld #W4A				NRI
			V-P Weld #W5A				NRI
			P-T Weld #W6A				NRI
			F-R Weld #W7A				NRI
			R-T Weld #W8A				NRI
			T-P Weld #W9A				NRI
			P-E Weld #W10A				NRI
			E-P Weld #W11A				NRI
			Pipe to Weldolet P-W Weld #W12A				NRI
			Weldolet to Pipe W-P Weld #W1B				NRI
			P-E Weld #W2B	1	2	50	I.D.
				2	2	40	OD
			E-P Weld #W3B				NRI
			P-V Weld #W4B				NRI
			V-P Weld #W5B				NRI
			P-T Weld #W6B				NRI
F-R Weld #W7B				NRI			
R-T Weld #W8B				NRI			

DRESDEN NUCLEAR POWER STATION
 UNIT NO. 3 DATE NUMBER 82900
 WINTER, 1980 INSERVICE INSPECTION

ASME CATEGORY	COMPONENT	METHOD	EXTENT OF EXAMINATION	RESULTS			
				INDICATION NO.	SCAN TYPE	PERCENT DAC	EVALUATION
J (Cont.)			T-P Weld #W9B				NRI
			P-E Weld #W10B				NRI
			E-P Weld #W11B				NRI
			P-W Weld #W12B				NRI
N-1	Vessel Internals	VT	General Inspection of the Accessible Reactor Vessel Internals				No Structural Abnormalities Found
	Jet Pump	VT	General Inspection of the Accessible Parts				See #2 Under Summary of Results, Evaluation, and Corrective Action
N-2	Core Support	VT	General Inspection of the Accessible Areas of Core Support				No Structural Abnormalities Found

SUPPLEMENTAL INSPECTIONS

TABLE B

DRESDEN NUCLEAR POWER STATION
 UNIT NO. 3 DATE NUMBER 82900
 WINTER, 1980 INSERVICE INSPECTION

ASME CATEGORY	COMPONENT	METHOD	EXTENT OF EXAMINATION	RESULTS			
				INDICATION NO.	SCAN TYPE	PERCENT DAC	EVALUATION
Supple- mental	Core Spray Loop A 1403	UT	E-P Weld #10-K4	1	2	100	I.D.
					3	100 - 2 db	I.D.
					4	100 - 2 db	OD
					5	100 - 2 db	OD
				2	2	100	OD
					3	100 - 2 db	OD
			P-V Weld #10-5	1	2	100 + 2 db	I.D.
					4	100 + 2 db	OD
					5	100 + 2 db	OD
				2	2	100 + 2 db	OD
					4	90	I.D.
					5	70	I.D.
			T-P Weld #10-K7B	1	2	100	I.D.
					3	100	OD
					4	100 + 2 db	I.D.
					5	100 + 6 db	OD
2	3	90		I.D.			
	4	100		OD			

DRESDEN NUCLEAR POWER STATION
 UNIT NO. 3 STATE NUMBER 82900
 WINTER, 1980 INSERVICE INSPECTION

S2

ASME CATEGORY	COMPONENT	METHOD	EXTENT OF EXAMINATION	RESULTS			
				INDICATION NO.	SCAN TYPE	PERCENT DAC	EVALUATION
Supple- mental (Cont.)			P-E Weld #10-K8	1	5	100	I.D.
					2	80	I.D.
					3	50	I.D.
					4	100	OD
					5	100	OD
				2	2	50	OD
				3	100	OD	
				4	50	I.D.	
				5	60	I.D.	
			3	2	70	OD	
				3	60	OD	
			E-V Weld #10-9	1	2	50	I.D.
				2	2	40	OD
			P-P Weld #10-K2	1	2	100 - 20 db	I.D.
					3	100 - 2 db	OD
				2	2	100 - 2 db	Finger Dampen
					3	100 - 4 db	Finger Dampen
			P-E Weld #10-K3	1	2	100 - 10 db	OD
	3	80		I.D.			

DRESDEN NUCLEAR POWER STATION
 UNIT NO. [REDACTED] DATE NUMBER 82900
 WINTER, 1980 INSERVICE INSPECTION

S4

ASME CATEGORY	COMPONENT	METHOD	EXTENT OF EXAMINATION	RESULTS			
				INDICATION NO.	SCAN TYPE	PERCENT DAC	EVALUATION
Supple- mental (Cont.)			E-P Weld #10-K16	1	2	70	OD
					3	100 - 2 db	OD
				2	2	75	I.D.
			Pen-P Weld #10-18A	1	3	100 - 8 db	OD
				2	3	100	I.D.
				3	3	100 - 4 db	I.D.
			P-T Weld #10-K19	1	2	90	OD
			T-P Weld #10-21A	1	2	100 - 4 db	I.D.
					3	90	I.D.
				2	3	100 - 2 db	OD
			P-C Weld #10-21	1	2	50	OD
					3	100 - 2 db	I.D.
					5	100	OD
				2	3	100 - 2 db	OD
					5	100 - 4 db	Weld Seam
				3	3	100	OD
			T-P Weld #10-21B	1	3	100	OD
P-V Weld #10-K20	1	2	100	OD			
	2	2	72	I.D.			

DRESDEN NUCLEAR POWER STATION
 UNIT NO. 3, DATE NUMBER 82900
 WINTER, 1980 INSERVICE INSPECTION

ASME CATEGORY	COMPONENT	METHOD	EXTENT OF EXAMINATION	RESULTS			
				INDICATION NO.	SCAN TYPE	PERCENT DAC	EVALUATION
Supple- mental (Cont.)	Core Spray Loop B 1404	UT	E-P Weld #10-34A	1	2	50	I.D.
					3	40	I.D.
			P-V Weld #10-35	1	2	50	I.D.
				2	2	100	OD
			T-P Weld #10-40	1	3	100 + 2 db	OD
				2	3	100	I.D.
			P-P Weld #10-32A	1	2	100 - 8 db	I.D.
			P-E Weld #10-33K	1	2	100	I.D.
			E-E Weld #10-33KA	1	2	80	I.D.
			V-P Weld #10-36	1	3	100	I.D.
			P-E Weld #10-37				NRI
			E-T Weld #10-38				NRI
			E-V Weld #10-43	1	2	100 - 8 db	I.D.
					4	100 - 4 db	I.D.
					5	100 - 4 db	I.D.
		2	100	OD			
	V-P Weld #10-44	1	3	100 - 8 db	I.D.		
			4	100 - 8 db	I.D.		
			5	100 - 8 db	I.D.		
		2	3	100 - 2 db	I.D.		

DRESDEN NUCLEAR POWER STATION
UNIT NO. 3 DATE NUMBER 82900
WINTER, 1980 INSERVICE INSPECTION

ASME CATEGORY	COMPONENT	METHOD	EXTENT OF EXAMINATION	RESULTS			
				INDICATION NO.	SCAN TYPE	PERCENT DAC	EVALUATION
Supple- mental (Cont.)				3	3	100 - 4 db	I.D.
				4	3	98	OD
			P-T Weld #10-44C	1	2	100 - 6 db	Geometry
					4	100 - 4 db	Long Seam
					5	100 - 6 db	Continuous R
				2	2	100 - 4 db	Geometry
					4	100 - 2 db	Continuous Roll
				3	4	100	Continuous Roll
			T-P Weld #10-44D				NRI
			P-C Weld #10-44E	1	2	100 - 10 db	OD
				1	3	100 - 6 db	I.D.
			T-P Weld #10-44F				NRI
			P-E Weld #10-45				NRI
			E-P Weld #10-46				NRI
			Pen-P Weld #10-47	1	3	90	OD
			P-T Weld #10-48	1	2	70	OD
		P-V Weld #10-49	1	2	100 - 1 db	I.D.	
			2	2	100 - 4 db	OD	
		T-P Weld #10-51	1	2	100 - 6 db	OD	
			2	2	100	OD	

DRESDEN NUCLEAR POWER STATION
UNIT NO. 3 DATE NUMBER 82900
WINTER, 1980 INSERVICE INSPECTION

S7

ASME CATEGORY	COMPONENT	METHOD	EXTENT OF EXAMINATION	RESULTS			
				INDICATION NO.	SCAN TYPE	PERCENT DAC	EVALUATION
Supple- mental (Cont.)	Cleanup Line	UT	P-C Weld #10-50	1	3	100 - 4 db	I.D.
				2	3	100 - 1 db	OD
			P-E Weld #8-K47				NRI
			E-P Weld #8-K46	1	2	50	OD
			P-E Weld #8-K43				NRI
			E-P Weld #8-K42				NRI
			P-P Weld #8-45				NRI
			P-E Weld #8-K43A-1	1	2	30	O.D. Weld Crown Fusion Zone Effect
				2	3	100 + 2 db	I.D.
				3	3	20	I.D.
	P-E Weld #8-K43-1	1	1	30	Weld Edge		
			4	55	Midwall Inclusion		
			5	50	Weld Edge		
			2	3	45	I.D. Clad Roll	
				4	40	I.D. Clad Roll	
				5	40	I.D. Clad Roll	
				3	2	Less Than 20	I.D.
Feedwater N4A		UT	IR				NRI

DRESDEN NUCLEAR POWER STATION
UNIT NO. 3 PLATE NUMBER 82900
WINTER, 1980 INSERVICE INSPECTION

S8

ASME CATEGORY	COMPONENT	METHOD	EXTENT OF EXAMINATION	RESULTS			
				INDICATION NO.	SCAN TYPE	PERCENT DAC	EVALUATION
Supple- mental (Cont.)	N4B	UT	Inner Bore				NRI
			SE-P	1	3	70	I.D.
				2	3	92	I.D.
				3	3	33	OD
			SE-N	1	2	80	I.D.
			IR				NRI
			Inner Bore				NRI
	N4C	UT	SE-P	1	2	80	OD
					3	50	I.D.
				2	2	100	OD
					3	75	OD
				3	3	55	I.D.
			SE-N	1	2	80	I.D.
			IR				NRI
			Inner Bore				NRI
			SE-P	1	2	100 + 2 db	I.D.
					3	100 + 2 db	I.D.
				2	3	80	OD
				3	3	80	I.D.
			SE-N	1	2	60	I.D.

DRESDEN NUCLEAR POWER STATION
 UNIT NO. 3, SITE NUMBER 82900
 WINTER, 1980 INSERVICE INSPECTION

S9

ASME CATEGORY	COMPONENT	METHOD	EXTENT OF EXAMINATION	RESULTS			
				INDICATION NO.	SCAN TYPE	PERCENT DAC	EVALUATION
Supple- mental (Cont.)	N4D	UT	IR				NRI
			Inner Bore				NRI
			SE-P	1	3	52	I.D.
			2	3	32	OD	
			SE-N	1	2	50	I.D.
	Feedwater Sparger	VT	General Inspection of Accessible Areas of Feedwater Sparger				No Structural Abnormalities Found

III. SUMMARY OF RESULTS, EVALUATIONS AND CORRECTIVE ACTIONS

The findings of the inspections and the necessary corrective actions taken prove that all components are functional and in compliance with U-3 Technical Specifications, NRC and ASME Code Section XI. The following were of high degree of relevance which required extensive investigations:

1. In previous inspections performed on the U-3 recirc. bypass, geometric indications were recorded; during the Winter, 1980 ISI, no indications were revealed. O.A.D. reinspected weld numbers W-1-A, W-2-A, and W-B-1 and confirmed the data obtained most recently. O.A.D. could not explain the difference between the former and the present inspection data.
2. A visual inspection on the jet pumps indicated that jet pump #13 hold-down beam was broken with the pump laying against jet pump #12. Jet pump #13 was taken out and a visual inspection of the restrainer gate showed that the outboard restrainer stop (adjusting screw) weld was broken.

A visual inspection of the other 19 pumps showed no abnormalities; however, a special underwater UT by General Electric (GE) revealed indications of cracking of the hold-down beams on jet pumps 2, 5, 9, 11, 17 and 20.

The restrainer stop and the other 6 hold-down beam assemblies were replaced. After the fix was made, a UT on jet pumps 2, 5, 9, 11, 13, 17 and 20 showed no abnormalities.

3. After having passed a UT on the core spray at our sister plant, Quad Cities, a hydrostatic test exposed leaks which indicated the presence of cracks. As a result, Dresden examined all Class I welds on both loops of the core spray. No abnormal indications were found even though an extensive search was made on the indications detected between weld no. 10-K-13 and weld no. 10-K-14 of the "A" core spray loop. The study concluded that the indications were caused by the difference in grain structure between the seam weld and the parent metal of the 28° elbow.
4. A visual inspection of the reactor water cleanup line revealed that a water hammer had caused the pipe restraining assembly attachment to deform against the cleanup line causing dents in the piping. The affected section of the pipe was removed and replaced by a new one. The base line data on the cleanup line disclosed no abnormal conditions.

IV. ATTACHMENTS

ATTACHMENT 1
ABBREVIATIONS

Test Method:

UT - Ultrasonic Test
MT - Magnetic Particle Test
PT - Penetrant Test
RT - Radiographic Test
VT - Visual Examination

Extent of Examination:

BPC - Branch Pipe Connection
C - Cap
E - Elbow
IR - Inner Radius
N - Nozzle
N-V - Nozzle to Vessel
P - Pipe
Pen - Penetration
R - Reducer
SE - Safe End
T - Tee
V - Valve
W - Weldolet

Scan Type:

1 - Base Metal Longitudinal Wave
2 - Angle Beam Normal to Weld
3 - Angle Beam Normal to Weld

Percent DAC: The percent of amplitude of the Distance Amplitude Correction Curve

NRI: No Recordable Indications

FORM NIS-1 (back)

8. Examination Dates 1/3/80 to 5/3/80 9. Inspection Interval from 6/9/72 to 6/9/82

10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval.

SEE ATTACHMENT

11. Abstract of Conditions Noted

SEE ATTACHMENT

12. Abstract of Corrective Measures Recommended and Taken

SEE ATTACHMENT

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Date 7-15 1980 Signed Edison Company By [Signature]
Commonwealth
Owner

Certificate of Authorization No. (if applicable) _____ Expiration Date _____

CERTIFICATE OF INSERVICE INSPECTION

- SEE ATTACHED SHEET -

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of _____ and employed by _____ of _____ have inspected the components described in this Owners' Data Report during the period _____ to _____, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owners' Data 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 _____ 19 _____

SEE ATTACHED SHEET

Commissions _____

SEE ATTACHED SHEET

Inspector's Signature

National Board, State, Province and No.

ATTACHMENT 3

OWNER: Commonwealth Edison Co., 72 West Adams, Chicago, Illinois

PLANT: Dresden Nuclear Power Station
R.R. #1, Morris, Illinois 60450

UNIT: 3

COMMERCIAL SERVICE DATE: 11/16/71

STATE NUMBER: 82800

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Illinois and employed by the Hartford Steam Boiler Inspection and Insurance Company of Hartford, Connecticut, have inspected the components described in this Owner's Data Report during the period from January 3, 1980 to May 3, 1980 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 Data Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate, neither the inspector nor his employer shall be liable in any manner for the personal injury or property damage or a loss of any kind arising from or connected with this inspection.

DATE 07-15, 1980

Floyd F. Roese
Inspector's Signature

Commissions ILL. 630
National Board,
State Province and No.

* NOTE - Signed this Certificate as A.N.I.I. who was inspector at the outage is unavailable. F.F. Roese

SB:mt