

REFUELING OUTAGE NUMBER Q1R13 OUTAGE START DATE: MARCH 13, 1994 OUTAGE END DATE: AUGUST 26, 1994

ISI POST-OUTAGE (90 DAY) SUMMARY REPORT

FOR

QUAD CITIES UNIT ONE
COMMERCIAL SERVICE DATE: FEBRUARY 18, 1973
P.O. BOX 216
CORDOVA, IL 61242

P.O. BOX 767 CHICAGO, IL 60690

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## 1.0 INTRODUCTION

## 1.1 Outage, Period, and Interval Start and End Dates

This ISI Post-Outage (90 day) Summary Report addresses examinations performed between the end of the previous refueling outage December 16, 1992 and the end of the current refueling outage. The current refueling outage was the 13th refueling outage for Quad Cities Unit One. The outage began on March 13, 1994 and ended on August 26, 1994.

This refueling ouage was the first outage in the First Inspection Period of the Third Inservice Inspection Interval. The Third Inspection Period began on February 18, 1993, and is scheduled to end on February 17, 1996. The Inservice Inspection Interval began on February 18, 1993, and is scheduled to end on February 17, 2003.

Test, examinations, repairs and/or replacements were witnessed or otherwise verified by Mr. Gordon Bosley. Mr. Bosley is an Inspector for the Hartford Steam Boiler Inspection & Insurance Company. The Hartford Regional Office is located at 2443 Warrenville Road, Suite 500, Lisle, Illinois, 60532-9871.

# 1.2 Examination Program Requirements

The examination requirements of ASME Boiler and Pressure Vessel Code, Section XI, Division 1, "Rules for Inservice Inspection of Nuclear Power Plants Components," 1989 Edition were implemented. Examinations prior to February 18, 1993 were performed to Section XI 1980 Edition, Winter of 1980.

2.0 NIS-1 FORM

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

1.	Owner Commonwealth Edison, P.O. Box 767, Chicago, IL 60690 (Name and Address of Owner)	
2.	Plant Quad Cities Nuclear Power Station, 22710 206th. Ave. No., Cordova, IL 613 (Name and Address of Plant)	242
3.	Plant Unit One 4. Owner Certificate of Authorization (if required) N-2020	
5.	Commercial Service Date 2/18/73 6. National Board Number for Unit N-140	

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No
Reactor Pressure Vessel	Babcock & Wilcox Mt. Vernon, Indiana	610-0122-51-52	B0074099	N-140
HPCI	Grinnell Corporation Warren, Ohio	N/A	N/A	N/A
Main Steam	Grinnell Corporation Warren, Ohio	N/A	N/A	N/A
Feed Water	Grinnell Corporation Warten, Ohio	N/A	N/A	N/A
RHR	Grinnell Corporation/ Southwest Research Warren. Ohio	N/A	A-U0193224	N/A
CRD	Grinnell Corporation Warren, Ohio	N/A	N/A	N/A
S. Belline				

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

# 3.0 ABSTRACT OF EXAMINATIONS, ABSTRACT OF CONDITIONS NOTED. AND ABSTRACT OF CORRECTIVE MEASURES

### 3.1 Results

There was a total of 51 scheduled visual examinations that were performed by Commonwealth Edison (ComEd) certified personnel on Class One, Two, and Three systems. Of this number, there were 29 VT-3/4 exams, one VT-2 exam, and 20 VT-1 exams. These scheduled exams are not related to a repair or replacement activity. The VT-3/4 visual examinations revealed one station document discrepancy on piping supports and four indications on snubbers. Table 3.2-1 summarizes the exams performed and the results found.

A combination of Ultrasonic, Liquid Penetrant and Magnetic Particle testing has been performed on 69 locations by General Electric (GE) and ComEd personnel. There were 56 ultrasonic exams, 1 liquid penetrant exam, and 40 magnetic particle exams. The above examinations revealed no indications, none of which were related to IGSCC. All of the indications were evaluated and found to be acceptable.

ComEd visually inspected 118 safety-related snubbers for operability with 5 resulting in discrepancies. These did not result in an increased inspection frequency or an inoperable condition per the Technical Specification. Also, 52 snubbers were functionally tested per ASME Section XI, Relief Request CR-09 and Technical Specifications. 9 PSA snubbers were replaced with LISEGA snubber under exempt change number E04-1-94-005. Table 3.2-4 provides a detail description of component support examinations.

In non-conformance with paragraph IWA-6230 of the ASME Section XI Code, this 90-day Outage report was submitted in excess of 90 days post outage. The delinquency of this report was documented on Problem Identification Form (PIF) #94-2985. The PIF has documented the root cause and corrective actions taken to eliminate the recurrence of this condition in the future.

## 3.2 Abstracts

Table 3.2-1 lists the components that were examined and provides an abstract of examinations. The following tables are also provided to supplement Table 3.2-1:

Table	Information
3.2-2	Equipment Roster
3.2-3	Examination Procedures
3.2-4	Indication Type/Resolution (an abstract of conditions noted and corrective measures)
3.2-5	ISI Personnel

Table 3.2-1

SYSTEM MELD MESCRIPTION MAT./ITEM	LINE ISO LOCATION	EXAM CAL. BLOCK CAL. BLOCK	ACTUAL EXAM	DATE	REPORT	RESULTS	RELIEF
PV							
PV-THHF PV TOP HEAD TO FLANGE WELD	REACTOR HEAD	Y	UT-0	05/04/94	94-005		
-A/B1.40	M-3121 SO1	999788QC	UT-45	05/04/94	94-036	MRI	NA
781.40	REFUEL FLOOR	999788QC	UT-60	05/04/94	94-307	NRI NRI	
			UT-70	05/04/94	94-008	NR I	
			MT	04/29/94	94-002	MRI	
PV							
PV-CW-C4FLG	REACTOR VESSEL						
PV COLREE #4 TO FLANGE WELD	M-3121 SO1	99978AQC	UT-0 UT-45	05/18/94	94-082	MRI	MA
-A/81.30	DRYWELL LA	99978AQC	UT-60	05/18/94	94-083	MRI	
			UT - 70	05/18/94 05/18/94	94-084 94-082	MRI	
				03/10/94	A4 - 095	特판 !	
PV							
PV-VSC4-219	REACTOR VESSEL	٧	UT-0	05/18/94	94-073		
PV COURSE #4 219 DEG VERT SM	M-3121 S01	99978AQC	UT-45	05/18/94	94-074	MRI	CT-01
A/ 01.12	DRYMELL 14	99978AQC	UT-60	05/18/94	94-075	NR I WR I	
			UT-70	05/18/94	94-073	NRI	
·v							
PV-VSC4-261	REACTOR VESSEL		100				
V COURSE #4 261 DEG VERT SM	M-3121 SO1	99978AQC	UT-0	05/18/94	94-076	MRI	CT-01
A/81.12	DRYWELL 14	99978AQC	UT-45 UT-60	05/18/94	94-077	MRI	
		7771 UNIO	UT-70	05/18/94	94-078	MRI	
			01-10	05/18/94	94-076	MRI	
٧							
V-VSC4-339	REACTOR VESSEL	٧	UT-0	95/18/94	AL AND		
V COURSE #4 339 DEG VERT SM A/81.12	M-3121 S01	99978AQC	UT-45	05/18/94	94-079 94-080	HR I	CT-01
A/81.12	DRYWELL LA	99978AQC	UT-60	05/18/94	94-081	NR I	
			UT-70	05/18/94	94-079	HR! NR!	
Y						MALE	
V-VSC4-99							
V COURSE #4 99 DEG VERT SEAM	REACTOR VESSEL	٧	UT-0	05/18/94	94-070	HRI	
A/81.12	M-3121 SO1 DRYMELL L4	99978AQC	UT-45	05/18/94	94-071	WRI	CT-01
	DRINCLE LA	99978AQC	UT-60	05/18/94	94-072	WRI	
			UT-70	05/18/94	94-070	MRI	
,							
A MOZ & IRS	1-0201H-12H-A	v					
SSEL-MOZZLE (RECIRCULATION)	M-3121 s01	99978A9C	UT-0	05/09/94	94-029	MRI	NA
0/83.9083.100	DRYWELL L2	FURNICLAD	UT-45 UT-60	05/09/94	94-030	MRI	
		- SIGNO CIPE	UT-70	05/09/94	94-031	MRI	

STSTEM MELD DESCRIPTION CAT./ITEM	LIME ISO LOCATION	EXAM CAL. BLOCK CAL. BLOCK	ACTUAL EXAM	DATE	REPORT	RESULTS	RELIEF
RPV							
RPV-THNF	REACTOR HEAD						The second second
RPV TOP HEAD TO FLANGE WELD	M-3121 s01	9997889C	UT-0	05/04/94	94-005	NRI	MA
I-A/81.40	REFUEL FLOOR	9997880C	U1-45	05/04/94	94-006	MRI	RA
		7771 OD-C	UT-60	05/04/94	94-007	MRI	
			UT-70	05/04/94	94-008	MRI	
			""	04/29/94	94-002	WRI	
PV							
PV-CW-C4FLG	REACTOR VESSEL	V					
PV COURSE #4 TO FLANGE WELD	M-3121 S01	99978AQC	UT-0 UT-45	05/18/94	94-082	HRI	MA
7/81.30	DRYWELL 14	99978AQC	UT-60	05/18/94	94-083	WRI	mm.
			UY - 70	05/18/94	94-084	MRI	
PV			01.70	05/18/94	94-082	MRI	
PV-VSC4-219							
PV COURSE #4 219 DEG VERT SM	REACTOR VESSEL	V	UT-0	00			
-A/B1.12	M-3121 s01	99978AQC	UT-45	05/18/94	94-073	WRI	CT-01
701.12	DRYWELL LA	99978AQC	UT-60	05/18/94 05/18/94	94-074	MRI	
			UT-70	05/18/94	94-075	MRI	
PV				03/10/94	94-073	WRI	
PV-VSC4-261							
V COURSE #4 261 DEG VERT SM	REACTOR VESSEL	٧	UT-0	05 119 101			
A/B1,12	M-3121 S01	99978AQC	UT-65	05/18/94 05/18/94	94-076	WRI	CT-01
	DRYWELL L4	99978AQC	UT-60	05/18/94	94-077	15%	
			UT-70	05/18/94	94-078	MRI	
v				03/10/14	34-010	MRI	
V-VSC4-330							
V COURSE #4 339 DEG VERT SM	REACTOR VESSEL	٧	UT-0	05/18/94			
A/81.12	M-3121 S01	99978AQC	UT-45	05/18/94	94-079 94-080	MRI	CT-01
	DRYMELL L4	99978AQC	UT-60	05/18/94	94-081	NR I	
			UT-70	05/18/94	94-079	WRI	
V						NRI	
V-V2C4-00							
V COURSE #4 99 DEG VERT SEAM	REACTOR VESSEL	V	UT-0	05/18/94	94-070		
A/B1.12	M-3121 SO1	99978A9C	UT-45	05/18/94	94-071	MRI	CT-01
	DRYWELL L4	99978AQC	UT-60	05/18/94	94-072	NR I	
			UT-70	05/18/94	94-070	MR I	
						ws.1	
NOZ & IRS	1 02014 124 -						
SSEL-MOZZLE (RECIRCULATION)	1-0201H-12"-A	V	UT-0	05/09/94	94-029		
2/83.9083.100	M-3121 S01	99978AGC	UT-45	05/09/94	94-030	MRI	MA
	DRYMELL TS	FWHICLAD	UT-60	05/09/94	94-031	HR I HR I	
			UT-70				

Table 3.2-1

SYSTEM WELD DESCRIPTION	LIME	EXAM	ACTUAL	DATE	REPORT	RESULTS	RELIEF
CAT./ITEM	LOCATION	CAL. BLOCK	EXAM				I Lauces
RPV							
NZB NOZ & IRS	:-9201J-12*-A						
VESSEL-MOZZLE (RECIRCULATION)	M-3121 SO1	99978AGC	UT-0	05/09/94	94-034	MRI	MA
1-0/83.9083.100	DRYWELL L2	FUNICLAD	UT-45	05/09/94	94-035	MRI	mn
		FRANCLAD	UT-60 UT-70	05/09/94	94-036 94-037,038	MR I	
tpv					77 037,030	me s	
FIA NOZ & IRS	1-0202A-28"-A	v					
VESSEL-HOZZLE (RECIRCULATION)	M-3121 SO1	99978AQC	UT-0	05/16/94	94-058	HRI	NA
8-0/83.9083.100	DRYMELL L2	FUNICLAD	UT-45	05/16/94	94-058	MRI	-
		T MINUCE PED	UT-60 UT-70	05/16/94	94-059	WRI	
			01-10	05/16/94	94-060,061	MRI	
tPV							
ISA NOZ & IRS	1-1403-10"-A	v					
ESSEL-NOZZLE (CORE SPRAY)	M-3121 SO1	99978A0C	UT-0 UT-45	05/16/94	94-062	NRI	MA
-D/83.9083.100	DRYMELL 13	FWWCLAD	UT-60	05/16/94	94-062	NR I	
		THRUCERO	UT-70	05/16/94	94-063	MRI	
			01-70	05/16/94	94-064,065	MRI	
PV							
SA MOZ & IRS	1-3001A-20"-B	٧	117 0				
ESSEL-MOZZLE (MAIN STEAM)	M-3121 SO1	99978AQC	UT-0 UT-45	05/16/94	94-054	MRI	NA
-D/83.9083.100	DRYWELL LA	FIRMUCLAD	UT-60	05/16/94	94-054	MRI	
			UT-70	05/16/94	94-055	MRI	
			0. 10	03/10/94	94-056,057	MRI	
PV							
7 NOZ & IRS	REACTOR HEAD	v	UT-0	05 (40 (0)			
EAD-MOZZLE (HEAD VENT)	M-3121 S01	9997880C	UT-45	05/10/94	94-024	HRI	NA
-D/83.9083.100	REFUEL FLOOR	CRD MOCKUP	UT-60	05/10/19	94-025 94-026	MR I	
			UT-70	05/10/96	94-027,028	MRI	
				03/10/74	74-027,028	MRI	
PV							
OSURE BUSHING	REACTOR VESSEL	1	VT-1	07/15/94	LIED.	7.247	
V CLOSURE BUSHINGS	NA	NA	***	01/13/99	ALC.	報報言	MA
G-1/85.50	REFUEL FLOOR	MA					
v							
OSURE MUTS	REACTOR VESSEL	1	VT-1	07.07.01			
V-CLOSURE MUTS	HA	NA	41-1	07/07/94	VR01	NRI	CR-11
G-1/86.10	REFUEL FLOOR	MA					

Table 3.2-1

SYSTEM			1	-	7		-
WELD	LINE	EXAM					RELIEF
DESCRIPTION	150		ACTUAL	DATE	REPORT	RESULTS	REQUEST
CAT./ITEM	LOCATION	CAL. BLOCK	EXAM				-
RPV							1
CLOSURE STUDS	REACTOR VESSEL	\$	MT	08/15/94	94-118		
RPV CLOSURE STUDS	NA	NA		00) 13/ 94	74-110	NR I	CR-12
B-G-1/86.20	REFUEL FLOOR	NA					
RPV							
CLOSURE WASHERS	REACTOR VESSEL		VT-1				
RPV CLOSURE WASHERS	HA	MA	A1-1	07/07/94	VR01	HRI	MA
B-G-1/86.50	REFUEL FLOOR	MA					
RPV							
LIGAMENTS	REACTOR VESSEL	٧					
TPV THREADS IN FLANGE	MA VESSEL	13119059	UT-0	03/16/94	TG-06, TH-06	MRI	NA
I-G-1/86.40	REFUEL FLOOR	NA NA					
UMP STUDS 1A	1A-202 PLBIP						
A-202 PUMP CASING BOLTS	N 3103 S03	V	UT-0	05/13/94	94-045	MRI	NA
-G-1/86.180	DRYKTLL BSMNT	999970C NA					mer
UMP STUDS TR							
B-202 PUMP CASING BOLTS	18-202 PUMP	٧	UT-0	05/13/94	94-046	NRI	
-G-1/86.180	M-3103 s03	99997QC				MM I	MA
1,50.100	DRYWELL BSMNT	HA					
RO							
RD HOUSING FLG	RPV LOWER HEAD	1	VT-1	05/10/94	VR05		
RD HOUSING FLANGE BOLTING	MA	MA		03/10/94	AMOS	MRI	MA
-G-2/87.80	DRYWELL BSMNT	MA					
HR							
7 FLANGE	REACTOR HEAD	1					
PV N7 FLANGE BOLTING	M-3105 S01	MA	V1-1	07/17/94	VX03	MRI	報告
-G-2/87.50	REFUEL FLOOR	NA					
vou							
ECON FLANGE 2"	1.13/5 30 4						
DECON FLANGE	1-1265-2"-A	1.	VT-1	04/19/94	VR04	NP;	Ni
G-2/87.50	M-3109 SO2	HA					715
	DRYWELL BSMNT	MA					

Table 3.2-1

SYSTEM WELD DESCRIPTION CAT./ITEM	LINE 1SO LOCATION	CAL. BLOCK	ACTUAL EXAM	DATE	REPORT	RESULTS	RELIEF
FV							
32A-35	1-3204A-18*-C		UT-0				
PIPE-ELBOW	N-3102 S01	999760C	UT-45	05/09/94	94-023	<b>特代</b> 1	CR-02
B-J/89.11	DRYMELL L2	99976QC	MT MT	05/09/94	94-023 94-022	GEOM NR I	
FW							
32B-F12	1-32048-18"-C	Y					
VALVE-PIPE	M-3102 SO2	NA	UT-45	05/11/94	94-020	GEOM	CR-02
8-J/89.11	Sarver: L1	99976QC	- "	05/11/94	94-019	WRI	
FV							
320-55	1-32040-12*-C		UT-45				
ELBOW-PIPE	N-3102 S02	99980AQC	U1-45	05/13/94	94-048	GEOM	CR-02
I-J/89.11	DRYWELL L3	99980AQC		05/13/94	94-049	HRI	
HPCI							
23s-F12	1-2305-10*-8		112 12				
LBOW-VALVE	H-3108 S01	999870C	UT-45 NT	05/11/94	94-018	MRI	CR-02
I-J/89.11	DRYWELL L1	NA NA	""	05/11/94	94-017	MRI	
PCI							
35-514	1-2305-10"-8						
IPE-ELBOW	N-3108 S01	99987ac	UT-0	05/19/94	94-090	HRI	CR-02
-J/89,11	DRYHELL LT	999870C	UT-45	05/19/94	94-090	GEOM	
	DATABLE LT	33344C	MT	05/19/94	94-089	NR I	
S 0A-S0							
	1-3001A-20*-B	Y	UT-0	05/17/94	94-067	WRI	
OZZLE-SAFE END -J/B9.11	M-3101 S01	989-3RD-020	UT-45	05/17/94	94-067	NR I	CR-02
-3/89.11	DRYWELL L4	99943QC	MT	05/17/94	94-066	HR!	
5							
0A-S11	1-3001A-20**-B						
LBOW-PIPE	M-3101 S01	959630C	UT-45	05/12/94	94-040	GEOM	CR-02
J/89.11	DRYWELL LZ	99943QC	MT	05/11/94	94-039	NR i	
08-82	1 70010 200 0						
PE-ELBOW	1-30018-20*-8	7	UT-0	05/17/94	94-068	MR!	CR-02
J/89.11	M-3101 S01	999439C	UT-45	05/17/94	04 068	GEOM	ON OE
.,	DRYWELL L4	99943QC	MT	05/17/94	94-069	HRI	

Table 3.2-1

LINE ISO LOCATION	EXAM CAL. BLOCK CAL. PLOCK	ACTUAL EXAM	DATE	REPORT	RESULTS	RELIEF
1-3001C-20"-B	Y	UT-45	05/13/04	02.050		
DRYWELL L1	99943QC NA	MT	05/13/94	94-047	MRI	CR-02
1-3001c-20*-8	Υ	UT-45	05/11/04	04-013		
DRYWELL L2	99943QC 99943QC	MT	05/11/94	94-011	GEOM NR I	CR-02
1-30010-20"-8	Y	tr-0	05/10/04	04 000		
	99943QC	UT-45	05/17/94			CR-02
M214 KOON	MA	MT	05/17/94	94-087	NR I	
1-30010-20*-8	Y	117.45	05 (13 (0)			
N-3101 SOZ DRYWELL LZ	99943QC 99943QC	MT	05/12/94	94-044 94-043	GEON NR I	CR-02
	Y	UT-45	05/12/94	94-042	MPT	CR-02
DRYWELL L2	99937QC	MT	05/11/94	94-041	MRI	CH-05
1-3026C-6"-B	4	UT-45	05/11/04	0' 011		
M-3101 SOZ	999379C	MY	05/11/94	×4-013	NR E NR E	CR-02
1-30260-64-8						
M-3101 S02	999370C			94-016	NRI	CR-02
DRYWELL L2	9993.70C		05/11/94	94-015	ing I	
1403-10"-A	3	VT-3	04/07/04	010701		
M-3104 SO1 DRYWELL 13	NA NA		04/01/94	410/01	MRI	NA
	1-3001C-20"-B M-3101 S02 DRYWELL L1  1-3001C-20"-B M-3101 S02 DRYWELL L2  1-3001D-20"-B M-3101 S02 DRYWELL L2  1-3001D-20"-B M-3101 S02 DRYWELL L2  1-3026A-6"-B M-3101 S01 DRYWELL L2  1-3026C-6"-B M-3101 S02 DRYWELL L2  1-3026G-6"-B M-3101 S02 DRYWELL L2  1-3026G-6"-B M-3101 S02 DRYWELL L2	1-3001C-20"-B M-3101 S02 DRYWELL L1  1-3001C-20"-B M-3101 S02 DRYWELL L2  1-3001D-20"-B M-3101 S02 DRYWELL L2  1-3001D-20"-B M-3101 S02 DRYWELL L2  1-3001D-20"-B M-3101 S02 DRYWELL L2  1-3026A-6"-B M-3101 S01 DRYWELL L2  1-3026C-6"-B M-3101 S02 DRYWELL L2  1-3026G-6"-B M-3101 S02 D	1-3001c-20"-B	1-3001C-20"-B	1-3001c-20"-B	1-3001c-20"-B   Y   WAA   WT-5   WT-45   WT-

Table 3.2-1

SYSTEM MELD DESCRIPTION CAT./ITEM	LOCATION ISO	EXAM CAL. BLOCK CAL. BLOCK	ACTUAL EXAM	DATE	REPORT .	RESULTS	RELIEF
RPV	i						
RPV INTERIOR	REACTOR VESSEL	3					
RPV INTERIOR ACCESSIBLE AREAS	MA VESSEL	NA	VT-3	05/14/94	VR04	NRI	MA
I-N-1/813.10	REFUEL FLOOR	MA					
RPV							
	VARIOUS						
	TAKIOOS	NA	At 5	07/25/94	VR38	PASS	NA
8-P/815.10815.11815.50813.51		HA					
PHRA							
1003A-1	RHR HEAT EXCHGR	٧	UT-45	06/01/94			
LANGE-SHELL	M-3131 S13	999730C	01-43	00/01/99	94-111	GEOM	CR-08
C-A/C1.10	RHR ROOM A	999730C					
HRA							
ISA-F1 RHRHX	RHR HEAT EXCHGR	\$	MT	06/02/94			
HELL-SADDLE (FILLET WELD)	M-3131 S13	NA		00/02/74	94-112	MRI	KA
-8/C2.31	RHR ROOM A	MA					
HRA							
6A-F2 RHRHX	RHR HEAT EXCHGR		MT	04 100 101			
ADDLE-MOZZLE (FILLET WELD)	M-3131 S13	HA	N1	06/02/94	94-113	MRI	MA
-B/C2.31	RHP AUGUS A	NA					
HRA							
003A-W-204A	RHR HEAT EXCHGR	\$	MT	24 -02 -01			
UPPORT WELDED TO RHRHX SHELL	N-3131 \$13	WA	MI	06/02/94	94-114	MRI	MA
-C/C3.10	RHR ROOM A	MA					
NPR							
UUYE-W-211A	1-10098-16"-DX						
UIDE W/8 LUGS WELDED TO PIPE	M-3131 SOS	S NA	MT	05/02/94	94-003	HRI	MA
-C/C3.20	RX BLD L2	NA					
SA.							
403-31	1-1603-10**-A						
LBOW-PIPE	M-3130 SO2	99960QC	UT-0	05/06/94	94-010	WRI	NA
F-1/C5.11	RX BLD L2	99960QC	UT-45 PT	05/06/94 05/06/94	94-010	NR I	

Table 3.2-1

SYSTEM WELD DESCRIPTION CAT./ITEM	LINE ISO LOCATION	EXAM CAL. BLOCK CAL. BLOCK	ACTUAL EXAM	DATE	REPORT	RESULTS	RECUES
RO							
3188-1 AP-PIPE	1-03188-20*-C	Y	UT-0	04/29/94	94-004		
	M-3134 SO1	999430C	UT-45	04/28/94	94-004	MRI	MA
-F-2/C5.51	RX BLD L1	9994300	MT	04/28/94	94-001	GEOM HR I	
RD.	1,240,730,800,000					****	
380C-3	1 07000 00 0						
IPE-CAP	1-0380C-8"-8 M-3134 s01	Ψ	UT-0	05/19/94	94-086	MRI	MA
-F-2/C5.51	RX 8LD L1	99985QC	UT-45	05/19/94	94-086	HR1	MA
	KA BLU E1	99985QC	MT	05/19/94	94-085	NRI	
SA							
601-13	1-1401-18"-LX						
IPE-FLANGE	W-3130 S03	989-3RD-005	UT-0	05/23/94	94-096	WRI	NA
-F-2/C5.51	CORE SPRAY RM A	MA NOV-3KU-UUS	UT-45	05/23/94	94-096	WRI	
	SOUR START AN A	mA.	MT	05/04/94	94-095	WRI	
SA							
401-14A	1-1401-18*-LX	\$	MT	05/11/94			
LIP ON FLANGE-PIPE (SOCKET)	M-3130 S03	NA	PH.	U3/11/94	94-021	NR I	NA
-F-2/c5.70	CORE SPRAY RM A	MA					
S8 404-3	all and a second						
LBOW-VALVE	1-1404-12"-DX	Y	UT-0	06/08/94	94-119	***	
-F-2/C5.51	M-3130 s01	01-12-05	UT-45	06/08/94	94-119	MR I GEOM	NA
1 2/63.31	CORE SPRAY RM B	HA	MT	06/02/94	94-189	MAI	
2048-5	1-32048-18*-C	Y					
PE-VALVE	M-3132 SO2	99976QC	UT-0	05/20/94	94-094	MR:	MA
f-2/c5.51	MSIV ROOM	MA	UT-45	05/20/94	94-094	GEOM	
			911	05/20/94	94-093	MRI	
cı							
102-25	1-2302-14"-LX	v	UT-D				
PE-ELBOW	M-3132 SO2	Q89-3RD-002	UT-65	05/13/94	94-053	MRI	MA
F-2/C5.51	HPC1 ROOM	Q59-3RD-002	78	05/13/94	94-053 94-051	GEOM	
				03/13/94	74-031	WRI	
CI							
05-13	1-2305-10"-8	Y	UT-0	05/24/94	94-106		
BOW-PIPE	M-3132 s04	99933QC	UT-45	05/24/94	94-106	NR I GEOM	MA
F-2/C5.51	RX BLD BSMNT	999330C	MT	05/23/94	94-105	GEOR NR I	

SYSTEM							
WELD DESCRIPTION CAT./ITEM	LIME 180 LOCATION	EXAM CAL. BLOCK CAL. BLOCK	ACTUAL EXAM	DATE	REPORT	RESULTS	REGUEST
RNRA 10094-19 PIPE-ELBON C-F-2/C5.51	1-1009A-16"-DX M-3131 S03 RX 8LB 8SPWT	7 689-385-003 889-385-003	UT-0 UT-45	05/23/94 05/23/94 05/19/94	94-104 94-104	1000	- 2
RHRA 1012A-2 REDUCER-PIPE C-F-2/C5.51	1-1012A-16"-DX M-3131 S03 RX BLD BSMNT	# e89-380-003 e89-380-003	UT-0 UT-45	05/23/94 05/19/94 05/19/94	94-102 94-102 94-101	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5
RMRA 1012A-1 PIPE-REDUCER C-F-2/C5.51	1-1012A-18**-DK M-3131 503 RX BLD BSMMT	9 089-380-005 089-380-005	UT-0 UT-45 MT	05/23/94 05/23/94 05/19/94	94 - 100 94 - 100 94 - 000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M.
1006c-13 ELBOM-P1PE C-F-2/C5.51	1-1006C-12"-DX M-3131 506 RMR ROOM B	1-12-05 1-12-05	01-0 UT-45	05/26/94 05/26/94 05/20/94	94-110		2
RHRB 1008e-1 NOZZLE-ELBCM C-F-Z/CS.S1	1-10088-18"-DX N-3131 SO6 RMR ROOM B	7 989-380-004 989-380-004	UT-0 UT-45	05/23/94 05/23/94 05/23/94	94-098 94-098		\$
#### 10088-7 10088-7 ELBOW-PIPE C-F-2/C5.51	1-10088-18"-DX M-3131 S06 RHR ROOM B	7 089-380-004 989-380-004	UT-0 UT-4S	05/20/94 05/20/94 05/20/94	94-092 94-092 94-091	E GEORGE	2
ENTER 10158-1,1 BRANCH-PIPE (100% OBSTRUCTED) C-F-2/C5.81	1-10158-24"-LX M-3131 S01 RX BLD BSMMT	~##	ТМ	06/02/94	94-188	ī	CR-03
RHRB 10158-12 PIPE-TEE C-F-2/C5.51	1-10158-24"-LX M-3131 801 RMR ROXM B	7 989-380-006 989-380-006	UT-0 UT-45 MT	05/26/94 05/26/94 05/25/94	94-106 54-106	1035	\$

Table 3.2-1

SYSTEM WELD DESCRIPTION CAT./ITEM	LIME ISO LOCATION	EXAM CAL. BLOCK CAL. BLOCK	ACTUAL EXAM	DATE	REPORT	RESULTS	RELIEF REQUEST	
CRD 0318A-W-201	1-0318A-20*-C							
F-A/F1.20	M-3134 SO2 RX BLD L1		VT-3	04/05/94	VR09	MRI	CR-06	
CRD 03800 - N-201								
F-A/F1.20	1-03800-8"-8 M-3134 S01 RX BLD L1		VT-3	04/05/94	VR10	HRI	CR-06	
CSA								
1401-2-204 F-A/F1.40	CS PUMP A M-3130 S03 CORE SPRAY RM A		VT-3	03/31/94	VR35	MRI	CR-06	
CS8	Some Stant and A							
1404-W-103 A&B F-A/F1.10	1-1404-10"-A M-3104 S02 DRYMELL L3		F.TEST	04/06/94	WR 906168	PASS	CR-09	
58	DRIMELL CS							
1404-M-211	1-1404-12**-DX M-3130 S01		V1-3	04/05/94	VR17	NRI	CR-06	
F-A/F1.20	RX BLD BSMHT							
1967-M-316	0-3967-8**-0 **-3144 504		VT-3	04/04/94	VR07	NRI	CR-06	
F-A/F1.30 .	TURBINE BLD L1							
IGCV 1967-M-318	0-3967-8**-0		VT-3	04/04/94	VR08	HRI	co. 04	
-A/F1.30	M-3144 304				******	me.i	CR-06	
GCW 950-M-313.1	1-3950-8**-0		F.TEST	05 (1) (0)				
-A/F1.30	M-3144 SO3 TURBINE BLD L1		7.1631	05/14/94	WR Q16084	PASS	CR-09	

Decouple   Part   Par	WELD DESCRIPTION CAT./ITEM	LINE 1SO LOCATION	EXAM CAL. BLOCK CAL. BLOCK	ACTUAL	A PA	REPORT	RESALTS	RELIEF
1-3953-6-0  N-3144-501  1-3958-6-0  N-3144-502  N-314-506  N-314-5	0-H-320.1	1-3950-8"-0		1.74	01.101.101			
1-3953-6"-0 H-3144 502 FURBINE BLD L1 1-3958-6"-0 H-3144 502 FURBINE BLD L1 1-3958-6"-0 H-3142 504 RN BLD BSWHT 1-2302-16"-B H-3122 504 RN BLD BSWHT 1-2303-16"-B H-3122 504 RN BLD BSWHT 1-3001A-20"-B H-3101 501 F-7EST 05/13/94 UR 013027 PASS RN 3101 501 PASS	VF1.30	N-3144 SOT TURBINE BLD L1			04/00/m	WEST	-	28-96
1-3958-64-0	3-14-312	1.305.3.48.0						
1-3958-6"-0 NT-3 04/05/94 VR33 MR1 RX BLD 8SWHT 1-2302-16"-LX RY 312 S01 RFC1 ROOM 1-2305-10"-8 RX BLD 8SWHT 1-3001A-20"-8 RX BLD 8SWHT 1-3001A-20"-8 RX 3101 S01 DRTWELL L2 RX 3101 S01 RX 3	/F1.30	M-3144 502 TURBINE BLD L1		VI-3	96/04/06	W832	MR.I	CR-06
1-2302-16"-LX	8-6-304	0-13058-1						
1-2302-16"-LX WRIB HRI HPCI ROOM HPC	/F1.30	M-3144 SO6 RX 81D 8SMHT		5-14	04/05/94	WESS	WE	90-₩3
H-3132 SO1 HPC1 ROOM  1-2305-10"-8 H-3132 SO4 RX 8LD 8SWMT  1-3001A-20"-8 H-3101 SO1 DRTMELL L2 PRISS F.TEST 05/13/94 WR 013027 PASS F.TEST 05/13/94 WR 013027 PASS F.TEST 05/13/94 WR 013027 PASS	2-8-204	1-2302-16"-LX		7.77	200 000 000			
1-2305-10"-8 R-3132 \$04 RX BLD BSNMT RX BLD BSNMT 1-3001A-20"-8 R-3101 \$01 DRTWE:L L2 R-3101 \$01	7F1.20	M-3132 S01 HPC! ROOM			03/31/94	VR16	-	58-06 CR-06
#-3132 \$04 RX 8LD 85MH?  1-3001A-20**8 #-3101 \$01 DRTUE: L2 #-3101 \$01 DRTUE: L2 BRTUE: L2	-K-201.1	1-2305-10"-8			70			
1-3001A-20" B F.TEST 05/13/94 G13027 PASS DRTUE: L2 1-3001A-20" B F.TEST 05/13/94 WR 013027 PASS DRTUE: L2	F1.20	N-3132 504 RX BLD BSNNT		1.158	04/21/96	W 006209	PASS	CH-00
#-3101 S01 DRTWELL L2 1-3001A-20**B #-3101 S01 DRTWELL L2 DRTWELL L2	A-N-101.2	1-3001A-20*-B		1001 8	200 000			
1-3001A-20"-B N-3101 S01 DRYNELL L2	F1.10	M-3101 S01 DRTMELL L2		1831.	MA/51/50	413027	PASS	8-55
H-3101 S01 H-3101 S01 WR 413027 PASS	A-M-101.2	1-3001A-20*-B		F. 1867	06,113,00			
	71.10	M-3101 S01 DRYMELL L2			W 151 150	WR 913027	PASS	C8-00
	F-A/F1.10	M-3101 S01		7.1283	05/11/94	MR 013023	PASS	CR-09

MELD DESCRIPTION CAT./ITEM	LINE 1SO LOCATION	EXAN CAL. BLOCK CAL. ALOCK	ACTUAL	DATE	REPORT	PECSON MANAGEMENT	REQUEST
MS 30018-N-101,2	1-30018-20*-8		F. 7867	NS./11/04	Le Attons		
F-A/F1.10	M-3101 SO1 DRYJELL L2			4	220CI B NB	PASS	86-85
MS 3001C-N-101.1	1-3001C-30*-B						
F-A/F1.10	M-3101 SOZ DRYMELL 1.2			05/11/96	MR 013019	PASS	CR-99
MS 3691C-M-101,2	1-30610-20*-8		1 1567	06.43.00			
F-A/F1.10	M-3101 502 DRYWELL L2			M/71/co	WR 013018	PASS	CR-09
MS 3091C-M-102.1	1-30010-20*-8		1 1861	06711700			
F-A/F1.10	N-3101 SO2 DRYMELL L2			***	WK 01301/	SS WA	CR-09
MS 30010-M-101.1	1-30010-20*-8		1 1561	200,413,404	-		
F-A/F1.10	M-3161 SO2 DRYHELL L2			#4/31 /co	WE WISONS	en en ex	80-W
MS 30010-M-101.2	1-30010-20"-8		F. 1861	70/11/07	70000		
F-A/F1.10	N-3101 S02 DRTWELL L2			***************************************	WK 813004	SO KE	CK-09
MS 3035A-W-101	8-49-4505-1		1841.4	08/11/04	100 012000	1	
F-A/F1.10	M-3101 SO1 DRYMELL L2				070512 18	PASS	CK-09
10098-6-206.2	1-1000s-14"-0x		*				
F-8/E1 20	R-3131 805		6.14	04/02/84	VR11	HRI	CR-06

WELD DESCRIPTION CAT./ITEN	LINE ISO LOCATION	EXAM CAL. BLOCK CAL. BLOCK	ACTUAL EXAN	DATE	REPORT	RESATS	RECLIVE
RNR 10098-14-201	1-10008-18"-5x					-	
F-A/F1.20	M-3131 SO7 RMR ROOM B			63/09/94	VR12	MR.I	CR-06
1010-M-207	10101-1		•				
F-A/F1.20	M-3131 SO7 RX BLD BSMNT		5.14	03/09/94	VR13	MAI	28-08 CR-08
1012A-M-205 A&8	1-1012A-16*-Dx						
F-A/F1.20	RX BLD BSPBIT			03/23/94	VR16	NR.	% - 68 CB - 08
THE 1015A-W-202 A&B	1-1015A-24"-LX		2.72	000000			
F-A/F1.20	RX BLD BSMNT			03/31/96	VRTS	MRI	28-95 28-95
2HR 1015A-W-206 ALB	1-1015A-26"-LX						
F-A/F1.20	M-3131 S02 RHR ROOM A		7.1531	96/14/196	MR 016079	PASS	CR-09
T0166-W-201	1-10160-14"-LX		**				
F-A/F1.20	M-5131 501 RMR ROOM B			03/04/44	WRIG	W.	%-W
RHR 1003A-W-251	RHR NEAT EXCHOR		VI-1	20177.00			
F-A/F1.40	M-5131 513 RHR ROGM A		,	04/51/94	VR36	188	90-W
RHRSW 1003A-W-301	1-1003A-12"-D		1.17	-			
F-A/F1.30	N-3143 S01			03/23/64	VR.34	HRI	CH-06

F-A/F1_3O	1-10034-12"-D	WELD DESCRIPTION CAT./ITEM	LINE ISO LOCATION	EXAM CAL. BLOCK CAL. BLOCK	ACTUAL	DATE	REPORT	2	RESULTS
No. 314.3 601   No. 3 601	1.30 RHRSU VAULT D 1.1003a-12*-D 1.1003a-12*-D 1.30 RHRSU VAULT BAC 1.30	RHRSW 1003A-W-302	1-1003A-12"-D		N1.8	01/35/02		-   '	
1-10638-12"-D  NT-3 03/25/94 VR20  1-10638-12"-D  NT-3 03/25/94 VR21  1-10638-12"-D  NT-3 03/25/94 VR21  NT-3 03/25/94 VR22  NT-3 03/25/94 VR23  NT-3 03/25/94 VR23	1.30	F-A/F1.30	M-3143 SOT RHRSW VAULT D			w/cs/co		i i	
H 3 14.3 SOT	1.30 RRESU VAULT B&C  -W-303  -W-304  -W-304  -W-305	10038-W-301	1-10038-12*-D		1.14	03 / 26 / 07			
1-10038-12"-0 V7-3 03/25/94 VR21 RHRSW VAULT B&C  1-1003C-12"-0 V7-3 03/25/94 VR22  1-1003C-12"-0 V7-3 03/25/94 VR23  RHRSW VAULT B&C  1-1004C-12"-0 V7-3 06/16/94 VR23  RHRSW VAULT B  1-1004C-12"-0 V7-3 03/25/94 VR23  RHRSW VAULT B&C  1-1005C-12"-0 V7-3 03/25/94 VR24	1.30	F-A/F1.30	M-3143 SO1 RHRSW VAULT B&C			W/62/60	WRED	2	
1-1003C-12"-0  N-3143 S01  RHRSW VAULT B&C  1-1003C-12"-0  RHSSW VAULT B&C  1-1004C-12"-0  N-3143 S03  N-3143 S01  N-3143 S01  N-3143 S03  N-3143 S01  N-3143 S01  N-3143 S03  N-3143 S03	1.30  AH 314.3 SOT  AH 534.3 SOT  AH 534.3 SOT  RHRSU VAULT B&C  AH 30.2  A	10038-W-303	1-10538-12"-D		V7.1	101 36 184	•		
1-1003C-12"-D N-3143 501 RRRSN VAULT B&C 1-10030-12"-D N-3143 501 RHRSN VAULT A 1-1004C-12"-D N-3143 503 RHRSN VAULT A N-3143 503 RHRSN VAULT B&C RHRSN VAULT B&C RHRSN VAULT B&C RHRSN VAULT B&C	1-1003C-12"-D VT-3 03/25/94 WR22  1-30  1-30  1-1003C-12"-D VT-3 03/25/94 WR22  1-30  1-30  1-1003C-12"-D VT-3 06/16/94 WR23  1-30  1-1004C-12"-D VT-3 03/25/94 WR24  1-1004C-12"-D VT-3 03/25/94 WR24  1-1005A-16"-D VT-3 03/25/94 WR24  1-1005A-16"-D VT-3 04/04/94 WR25  1-1005A-16"-D VT-3 04/04/94 WR25  1-1005A-16"-D VT-3 04/04/94 WR25	F-A/F1.30	N-3143 SO1 RHRSW VAULT B&C			at leaden	WELL	W.	
N-3143 301 RHRSW VAULT B&C 1-10030-12"-D H-3143 501 RHRSW VAULT A 1-1004C-12"-D H-3143 503 RHRSW VAULT B&C VT-3 03/25/94 VR24	1.30  ***********************************	1003C-W-304	1-1003C-12*-0		VI-3	01735706	500		
1-10030-12"-D	1-10030-12"-D	F-A/F1.30	M-3143 S01 RRESH VAULT B&C				, Leve		
H-3143 S01 RHRSW VAULT A 1-1004C-12**-D H-3143 S03 RHRSW VAULT 8&C	HRSW VAULT A  1-1004C-12"-D  H-3143 S03  RMRSW VAULT B&C  W-302.3  1-1005A-16"-D  W-302.3  V7-3  03/25/94  VR24  VR25  V	1003D-W-302	1-10030-12"-0		V1-3	06/16/06	200	i	
01 1-1004c-12**-5 WT-3 03/25/94 WR24 RRSW VAULT 8&C	4-301 4-301 1-1004C-12"-D H-3143 503 RMRSW VAULT B&C  4-302.3 RMRSW VAULT B&C  1-1005A-16"-D H-3143 505 TUMBINE BLD L2  1-1004C-12"-D VT-3  03/25/94 VR24 VR25	F-A/F1.30	M-5143 S01 RHRSM VALR.T A			to for for	5311	E E	
M-3143 503 RHRSW VAULT B&C	NMRSW VAULT B&C  N-302.3  N-3143 503  N-3145 505  N-3145 505  TURSINE BLD L2  N-302.3	RMRSW 1004C-W-301	1-10046-12"-0		VI-3	03/25/07	76837	i	
	W-302.3 1-1005A-16"-D VT-3 04/04/94 VR25 .30 1-1981ME BLD L2	F-A/F1.30	M-3143 S03 RHRSW VAULT B&C						
		t-A/F1.30	N-3143 SOS TURBINE BLD L2					¥	
N-3143 505 TURBINE BLD L2 1-1005A-16"-D VT-3 DAZDAJOL 1005A		F-A/F1.30	7.850 805			*******	0794	N. N.	

Table 3.2-1

SYSTEM WELD DESCRIPTION CAT./ITEM	LIME ISO LOCATION	EXAM CAL. BLOCK CAL. BLOCK	ACTUAL EXAM	DATE	REPORT	RESULTS	RELIEF
RHRSU 1005A-U-303.9 F-A/F1.30	1-1005A-16**-D M-3143 805		VT-3	04/04/94	V127	NRI	CR-06
RHRSW 10058-W-321 -A/F1.30	1-1005e-16"-D M-3143 SO2		V1-3	04/05/94	VR28	MRT	CR-06
HRSW 003C-M-305	RX BLD BSMNT  RHRSW HP PUMP C  M-3143 S01  RHRSW VALLT BAC		VT-3	04/01/94	VR37	NRI	CR-06
R 200-M-171 -A/F1.10	1-0201A-22"-A M-3103 S01 DRYWELL L1		F.TEST	05/14/94	WR 916078	PASS	CR-09
R 200-W-109 -A/F1.20	1A-202 PLMP M-3103 S03 DRYWELL BSMNT		F.TEST	04/29/94	MR 006180	PASS	CR-09
200-M-112 A/F1.40	RR PUMP 1A-202 M-3103 S02		F.TEST	05/13/94	MR 006179	PASS	CR-09
1 100-M-131 A/F1.40	DRYWELL LIABSMT  RR PURP 18-202 M-3103 502		F.TEST	05/13/94	WR Q06174	PASS	CR-09
C 25-M-101 A&B A/F1.10	DRYWELL LIABSMT  1-1025-20"-A M-3103 S03 DRYWELL L1		F.TEST	05/13/94	WR Q16082	PASS	CR-09

SYSTEM MELD DESCRIPTION CAT./ITEM	LINE 1SO LOCATION	EXAM CAL. BLOCK CAL. BLOCK	ACTUAL EXAM	DATE	REPORT	RESULTS	RELIEF
SDC 1025-M-102 A&B	1-1025-20*-A		F.7EST	05/13/94	WR 916083		
F-A/F1.10	M-3103 803 DRYWELL L1			03/13/74	WK 410003	PASS	CR-09

## EQUIPMENT ROSTER (UT Instruments)

Table 3.2-2

UT INSTRUMENT	MODEL NUMBER	SERIAL NUMBER	CALIBRATION
STAVELY	SONIC 136	136-786J	9/24/93
STAVELY	SONIC 136P	136-7621	2/25/94
PARKER	B300	4845	4/27/94
PARKER	B300	4846	4/27/94
MAGNAFLUX	Y-7	204120Q	3/95

## EQUIPMENT ROSTER (UT Transducers)

Table 3.2-2 (Cont'd)

TRANSDUCER SERIAL NUMBER	SIZE (INCH)	FREQUENCY	ANGLE (DEG)
KBA 57461-00864	.433	2 MHZ	0
KBA M17325	.50	2.25 MHZ	45
KBA H26119	1.0	2.25 MHZ	0
KBA B25427	.5X1.0	2.25 MHZ	45
KBA B25430	.5X1.0	2.25 MHZ	60
KBA B25428	.5X.1.0	2.25 MHZ	70
AEROTECH C29409	.50	2.25 MHZ	0
KBA B17477	1.0	1 MHZ	70
STAVELY 136-762I	.50	2.25 MHZ	0
MEGASONICS B0363	.375	2.25 MHZ	45

## **EXAMINATION PROCEDURES**

Table 3.2-3

PROCEDURE	METHOD	DESCRIPTION
NDT-B-1	MT	Magnetic Particle Examination for ASME Section XI Class IWB and IWC Components for Nuclear Stations
NDT-C-1	UT	Ultrasonic Equipment - Specific Performance Checks
NDT-C-2	UT	Ultrasonic Inspection of Similar and Dissimilar Metal Pipe Welds at Nuclear Stations
NDT-C-10	UT	Ultrasonic Inspection of Cladded Vessel Nozzle Inner Radii at Nuclear Stations
NDT-C-11	UT	Ultrasonic Inspection of the Reactor Vessel Flange Threaded Stud Holes for Dresden, Quad Cities and LaSalle Stations
NDT-C-14	UT	Ultrasonic Inspection of Pressure Retaining Bolting Two Inches or Greater in Diameter at Nuclear Stations
NDT-C-27	UT	Ultrasonic Inspection of De-Clad Feedwater Nozzie Inner Bore and Radius of Boiling Water Reactors
NDT-C-30	UT	Ultrasonic Examination of Reactor Vessel Welds to NRC Reg. Guide 1.150 for Boiling Water Reactors
NDT-C-37	UT	Ultrasonic Examination of Weld Overlay Repaired Pipe Weld Joints
NDT-C-40	UT Preservice and Inservice Ultrasonic Inspection of Dissim Safe-End-To-Nozzle Welds with Incomel 182 Buttering at At Nuclear Stations	
NDT-C-48	UT	Ultrasonic Inspections of Carbon Steel Reactor Vessel Closure Studs at Nuclear Stations
NDT-D-2	PT	Non-Aqueous Red Dye Liquid Penetrant Examination for Section XI Class IWB and IWC components for Nuclear Stations
VT-1-1	VT-1	Visual Examination - Welds, Pressure Retaining Bolting, and Component Internals
VT-2-1	VT-2	Visual Examination - System Hydrostatic and Leakage Tests
VT-3/4-1	VT-3/4	Visual Examination - General Mechanical, Structural or Operability Examination of Components, Component Internals and their Supports

## INDICATION TYPE/RESOLUTION

Table 3.2-4 (Pages 1-6)

For the purposes of documentation for the 90 Day Summary Report, only the ASME Section XI component supports relating to VT inspection and functional testing should be considered for review and approval purposes. Relief Request CR-09 (attached) addresses the relational aspects of the snubber visual examination and testing program for ASME Section XI and the Technical Specification.

# SNUBBER VISUAL INSPECTIONS: (PROCEDURE OCTS 750-1)

The inspection of snubbers is divided into two categories; visual inspection and functional testing. The results of the inspection are as follows:

During Refuel outage (Q1R13), 118 Safety-Related snubbers were visually inspected for operability. A total of five snubber inspections resulted in discrepancies.

- 1.) Mechanical Snubber Technical Specification Number 1-2 (Serial Number 3204)
  The snubber was found with the spherical bearing pushed out of place. Action was taken to correct the discrepancy by restaking the spherical bearing. Operability was not affected.

  References: PIF# 94-0899, NWR No. Q15846.
- 2.) Mechanical Snubber Technical Specification Number 1-3 (Serial Number 3311) The snubber was found with the spherical bearing pushed out of place. Action was taken to correct the discrepancy by restaking the spherical bearing. Operability was not affected. References: PIF# 94-0899, NWR No. Q15846.
- 3.) Mechanical Snubber Technical Specification Number 1-48 (Serial Number 7357)
  The snubber was found with missing locking wire on the flange bolting located on the snubber housing. Action was taken to correct the discrepancy by replacing the locking wire. Operability was not affected. Reference: NWR# Q16095.
- 4.) Mechanical Snubber Technical Specification Number 1-65 (Serial Number 3311)
  The snubber was found with the spherical bearing pushed out of place. Repair was not required because this snubber was replaced with a new Lisega hydraulic snubber under exempt change number EO4-1-94-005. Operability was not affected.
  References: PIF# 94-0899, NWR No. Q13021.
- 5.) Mechanical Snubber Technical Specification Number 1-66 (Serial Number 7725)
  The VT inspector observed loose nuts on the pipe clamp, loose locknut on extension piece and spherical bearing pushed out on the bracket end. The snubber was removed and functionally tested

and found acceptable. Operability was not affected. In addition this snubber was replaced with a new Lisega hydraulic snubber under exempt change number EO4-1-94-005. References: PIF# 94-0899, NWR No. Q13020

None of the 5 snubbers were found to be in an inoperable condition per Technical Specification 4.6.I.2 and did not result in an increased inspection frequency.

# SNUBBER FUNCTIONAL TESTING: (PROCEDURES OCAP 410-5 AND OCTS 750-5)

During Q1R13, functional testing was performed on 56 separate mechanical and hydraulic snubbers. The reasons for testing are broken down as follows:

Original Technical Specification Sample Testing (10% of the total Population)	13
Original Technical Specification Sample Testing (10% of all testing above)	6
ASME Code Sample Testing (included in the 10% population above) Q1R13 Lisega hydraulic snubber replacement (Exempt change# EO4-1-94-005)	20*
Expanded Technical Specification Sample Testing	13
Safety-Related Spare Snubbers	5**
Due to visual discrepancy (VT-3/4)	1
Non-Safety Related Snubbers that were rebuilt (Not required per Tech Spec)	2
Nor Safety Related Spare Snubbers (Not required per Tech Spec)	2
Total 7 ested	56

\*The Q1R13 Lisega hydraulic snubber replacements actually contained 22 snubbers. Two of the replacement snubbers were deferred until the next refuel outage (Q1R14)

\*\* These spare snubbers will be tested again the following refuel outage (Q1R14)

Tech. Spec.	Snubber Size	NWR#	Spare Serial#	Replaced Serial#	Reason for replacing snubber with spare
1-68	PSA-10	Q06209	4799	10729	Snubber S/N 10729 functional test indicated high drag loads but found acceptable. Replaced per the discretion of the Snubber Coordinator to practice good preventive maintenance.
1-120	PSA-3	Q06172	30698	16196	Snubber S/N 16196 functional test found acceptable. Replaced with spare per upper management decision. This decision was based on the LCO time restraints allowed.
1-122	PSA-3	Q16081	30694	8772 Snubber S/N 8772 functional test indication of the Snubber Coordinate practice good preventive maintenance.	
1-124	PSA-3	Q06173	30695	16203	Snubber S/N 16203 functional test failed the initial drag/breakaway test. Snubber was locked up in the as found cold load position.
1-125	PSA-3	Q16083	16196	8773	Snubber S/N 8773 functional test showed high drag loads. Replaced per Snubber Coordinator.

All snubbers passed their respective acceptance criteria with the exception of the following snubber 1-124.

Mechanical Snubber Technical Specification Number 1-124 (Serial Number 16203)

Failed the initial Drag/Breakaway Test. The snubber was locked up, it would not break away from it's as found cold set position of 1 1/2 inches. A manual actuated breakaway was attempted and no movement was observed. The snubber is a Pacific Scientific Model PSA-3 and was installed on the RHR line 1-1025-20", located in the drywell 1st level, elevation 592'. Commonwealth Edison Site Engineering and Construction was notified of the failure in order to prepare an engineering evaluation, to determine if the components or system to which the inoperable snubber is attached were adversely affected. A second 10 percent sample was then selected to be tested as required by Technical Specification 3.6/4.6.I.3. The sample expansion included only Pacific Scientific Model PSA-3 all of which are of the same design as the failed snubber.

### CORRECTIVE ACTIONS:

Upon discovery of the failure an engineering evaluation was initiated to determine the effect of snubber failure on its respective piping system. The failed snubber was disassembled, examined, and subsequently scrapped and replaced with a successfully tested like-for-like replacement. The replacement snubber will be tested again during the next refueling outage (Q1R14) in an attempt to detect any unfavorable trends. References: PIF# 94-1057, NWR No. Q06173. Engineering evaluation for the failed snubber determined that all of the support loads were acceptable.

The Detailed Snubber Functional Testing Scope:

TECH SPEC#	WORK REQUEST	SERIAL	SNUBBER	REASON FOR TESTING	ISI NUMBER	DATE TESTED	TEST STATUS
1-4	Q06168	3312	PSA-10	ASME 10% SAMPLE	1404-W-103 A&B	4/96/94	PASSED
1-11	Q06180	1059	PSA-35	ASME 10% SAMPLE	0200-W-109	4/29/94	PASSED
1-23	Q06179	1070	PSA-35	ASME 10% SAMPLE	0200-M-112	5/13/94	PASSED
1-24	Q06174	1071	PSA-35	ASME 10% SAMPLE	0200-M-131	5/13/94	PASSED
1-26	Q13030	61290/46 7832	LISEGA-6 PSA-35	LISEGA REPLACEMENT (ONLY TEST LISEGA)	N/A	5/11/94	PASSED
1-27	Q13029	61290-47 7902	LISEGA-6 PSA-35	LISEGA REPLACEMENT (ONLY TEST LISEGA)	N/A	5/11/94	PASSED
1-28	Q13028	61290/45 7943	LISEGA-6 PSA-35	LISEGA REPLACEMENT / ASME (ONLY TEST LISEGA)	3035A-M-101	5/11/94	PASSED
1-36	Q06182	.12740	PSA-10	TS 10% SAMPLE	N/A	3/31/94	PASSED
1-50	Q06183	6880	PSA-35	TS 10% SAMPLE	N/A	4/04/94	PASSED
1-58	Q13027	61300/52 16924	LISEGA-5 PSA-10	LISEGA REPLACEMENT / ASME (ONLY TEST LISEGA)	3001 A-M-101.2	5/13/94	PASSED
1-59	Q13026	61293/99 8775	LISEGA-4 PSA-3	LISEGA REPLACEMENT & 1ST SAMPLE EXPANSION	N/A	5/12/94 5/11/94	PASSED
1-60	Q13025	61278/85 12840	LISEGA-5 PSA-3	LISEGA REPLACEMENT & 1ST SAMPLE EXPANSION	N/A	5/12/94	PASSED PASSED
1-61	Q13024	10787	PSA-10	LISEGA REPLACEMENT	N/A	CANCELLED	OIR14
1-62	Q06184	61278/88 10726	LISEGA-5 PSA-10	LISEGA REPLACEMENT & TS 10% SAMPLE	N/A	5/12/94	PASSED
1-63	Q13023	61290/44 10733	LISEGA-6 PSA-10	LISEGA REPLACEMENT / ASME (ONLY TEST LISEGA)	3001B-M-101.1	5/11/94	PASSED

The Detailed Snubber Functional Testing Scope: (Continued)

TECH WORK SPEC# REQUE ST#		REQUE SEZE		REASON FOR TESTING	NUMBER	DATE	TEST STATUS
1-64	Q13022	61278/94 10781	LISEGA-5 PSA-10	LISEGA REPLACEMENT / ASME (ONLY TEST LISEGA)	3001B-M-101.2	5/11/94	PASSED
1-65	Q13021	61278/91 10728	LISEGA-5 PSA-10	LISEGA REPLACEMENT (ONLY TEST LISEGA)	N/A	5/10/94	PASSED
1-66	Q13020	61278/90 7725	LISEGA-5 PSA-10	LISEGA REPLACEMENT & VT-3/4 OPERABILITY CONCERN	N/A	5/11/94 5/12/94	PASSED
1-68	Q06209	10729 (SCRAPED) 4799	PSA-10 PSA-10	ASME 10% SAMPLE REPLACED WITH SPARE	2305-M-101.2	4/27/94	PASSED
1-69	Q13019	61278/93 10730	LISEGA-5 PSA-10	LISEGA REPLACEMENT /ASME (ONLY TEST LISEGA)	3001C-M-101.1	5/11/94	PASSED
1-70	Q13018	61278/84 16921	LISEGA-5 PSA-10	LISEGA REPLACEMENT / ASME (ONLY TEST LISEGA)	3001C-M-101.2	5/12/94	PASSED
1-71	Q13017	61290/42 16922 (SCRAPED)	LISEGA-6 PSA-10	LISEGA REPLACEMENT / ASME (ONLY TEST LISEGA)	3001C-M-102.1	5/11/94	PASSED
1-72	Q13016	61278/87 12237	LISEGA-5 PSA-3	LISEGA REPLACEMENT &  1ST SAMPLE EXPANSION	N/A	5/12/94 5/14/94	PASSED
1-73	Q13006	61293/101 24462 (SCRAPED)	LISEGA-4 PSA-3	LISEGA REPLACEMENT & 1ST SAMPLE EXPANSION	N/A	5/11/94	PASSED PASSED
1-74	Q13005	61278/89 10725	LISEGA-5 PSA-10	LISEGA REPLACEMENT / ASME (ONLY TEST LISEGA)	3001D-M-101.1	5/12/94	PASSEL
1-75	Q13004	61290/43 10727	LISEGA-6 PSA-10	LISEGA REPLACEMENT / ASME (ONLY TEST LISEGA)	3001D-M-101.2	5/11/94	PASSED
1-76	Q13003	10724	PSA-10	LISEGA REPLACEMENT / ASME	CANCELLED	CANCELLED	Q1R14
1-77	Q13015	61278/86 313	LISEGA-5 PSA-3	LISEGA REPLACEMENT &  1ST SAMPLE EXPANSION	N/A	5/12/94	PASSED
1-78	Q13001	61293/100 16595	LISEGA-4 PSA-3	LISEGA REPLACEMENT & 18T SAMPLE EXPANSION	N/A	5/11/94	PASSED PASSED
1-79	Q06178	1491	PSA-100	TS 10% SAMPLE	N/A	3/29/94	PASSED
1-82	Q06169	796	PSA-100	TS 10% SAMPLE	N/A	3/30/94	PASSED
1-101	Q06171	5867	PSA-35	TS 10% SAMPLE	N/A	5/16/94	PASSED
1-120	Q06172	16196	PSA-3	T. 10% SAMPLE	N/A	4/11/94	PASSED
		30698	PSA-3	PEPLACED WITH SPARE	111.35	3/31/94	PASSED
1-124	Q06173	16203 (SCRAPED)	PSA-3	ASME 10% SAMPLE	1025-M-102A&B	4/25/94	FAILED
-		30695	PSA-3	REPLACED WITH SPARE		4/25/94	PASSED
1-43	Q16078	12032	PSA-3	1ST SAMPLE EXPANSION "ASME"	0200-M-171	5/14/94	PASSED
1-99	Q16079	16204	PSA-3	1ST SAMPLE EXPANSION "ASME"	1015A-W-206A	5/16/94	PASSED
1-100	Q16080	16174	PSA-3	1ST SAMPLE EXPANSION "ASME"	1015A-W-206B	5/16/94	PASSED
1-122	Q16081	8772 (SCRAPED) 30694	PSA-3 PSA-3	1ST SAMPLE EXPANSION "ASME" REPLACED WITH SPARE	1025-M-101A&B	5/13/94 5/14/94	PASSED PASSED
1-123	Q16082	9481	PSA-3	1ST SAMPLE EXPANSION "ASME"	1025-M-101 A&B	5/13/94	PASSED
1-125	Q16083	8773 (SCRAPED) 16196	PSA-3 PSA-3	1ST SAMPLE EXPANSION "ASME" REPLACED WITH SPARE	1025-M-102A&B	5/13/94 5/14/94	PASSED PASSED

The Detailed Snubber Functional Testing Scope: (Continued)

TECH SPEC#	WORK REQUE ST#	SERIAL	SNURBER	REASON POR TESTING	IST NUMBER	DATE TESTED	TEST
1-126	Q16084	24463	PSA-3	1ST SAMPLE EXPANSION "ASME"	3950-M-313.1	5/14/94	PASSED

## ISI COMPONENT SUPPORTS VISUAL INSPECTIONS: (ISI NWR No. 007544)

The inspection of ISI component supports has only one categorie; visual inspection. The visual inspection is performed to identify any visually apparent problems such as bent or deformed members, structural problems, etc.

During Refuel outage (Q1R13), 29 ASME Code Section XI Safety-Related supports were visually inspected for operability. The results of the inspection are as follows: All hangers passed their respective acceptance criteria with the exception of the following ISI Support number 1012A-M-205 A&B.

## ISI Support Number 1012A-M-205 A&B

The VT inspector identified a discrepant condition on the design drawing M-1609-30 for Dual Spring can pipe support, during the ISI visual inspection walkdown. Corrective action was taken by performing an engineering evaluation that resulted in initiating a drawing change request (DCR), to correct the discrepant condition. Operability was not affected.

References: PIF# 94-0607, DCR # 4-94-071.

The 10% ISI inspection interval - visual, VT-3/4 for Q1R13:

ISI NUMBER	DRAWING NUMBER	DATE INSPECTED
0318A-W-201	M-985D-1202	04/05/94
0380D-M-201	M-985D-1027	04/05/94
1003A-W-201	M-3131 SHEET 13	04/27/94
1003A-W-301	M-994D-572	03/25/94
1003A-W-302	M-994D-573	03/25/94
1003B-W-301	M-994D-576	03/25/94
1003B-W-303	M-994D-578	03/25/94
1003C-W-304	M-994D-593	03/25/94
1003C-M-305	M-3145 SHEET 5	04/01/94
1003D-W-302	M-994D-585	03/25/94
1004C-W-301	M-876 SHEET 38	03/25/94
1005.A-W-302.3	M-876 SHEET 25	04/04/94
1005A-W-303.6	M-876 SHEET 13	04/04/94
1005A-W-303.9	M-876 SHEET 10	04/04/94
1005B-W-321	M-994D-283	04/05/94
1009B-G-206.2	M-1611-04	04/05/94
1009B-W-201	M-1611-14	03/09/94
1010-M-207	M-1611-16	03/09/94
1012A-M-205 A&B	M-1609-30	03/09/94
1015A-W-202 A&B	M-1605-08	03/31/94

The 10% ISI inspection interval - visual, VT-3/4 for Q1R13: (continued)

ISI NUMBER	DRAWING NUMBER	DATE INSPECTED
1016D-W-201	M-1606-33	03-09/94
1401-W-204	M-3130 SHEET 2	03/31/94
1404-M-211	M-1610-16	03/25/94
2302-W-204	M-1604-05	03/31/94
3950-M-320.1	M-998D-102	04/04/94
3953-M-312	M-998D-608	04/05/94
3958-G-304	M-998D-287	04/05/94
3967-M-316	M-998D-584	04/04/94
3967-M-318 .	M-998D-580	04/04/94

None of these ISI supports were found to be in an inoperable condition per Commonwealth Edison Company SPP VT-3/4-1, Inservice Inspection performed for Section XI.

Michael A. Pompeo Snubber Coordinator X2165 Station Support Engineering Group

## ISI PERSONNEL

Table 3.2-5

The following personnel have participated in NDE as indicated:

NAME	UT	MT	PT	EPRI CERT	FUNCTION
General Electric:	SE CARRACIONES DE PROGRAMA	THE PART WHEN THE			State of the second
Tom Brinkman	Ш-М	ш	ш		NDE EXAMINER
Herman Schlortt	Ш-А	п	п		NDE EXAMINER
Steve Snyder	II-A	1	I		NDE EXAMINER
Chris McKean	П-А	I	п		NDE EXAMINER
Dan Cook	п	П	n		NDE EXAMINER
George Chapman	I	NA	NA		NDE EXAMINER
ComEd:					
Thomas Haaker	ш	Ш	m		Deputy Level III, Examine
Thomas Green	m	Ш	Ш		Deputy Level III, Examiner

IGSCC Certification, M=Manual Detection, A=Manual and Automatic Detection

## ISI PERSONNEL

Table 3.2-5 (Cont'd)

The following personnel have participated in visual examination as indicated:

NAME	VT-1	VT-2	VT-3/4	FUNCTION
ComEd:	Market Market	X 1 1	de la companya de la	
Do, Hien	Ш	ш	m	Corporate Chief Level III Examiner
Goetz, Virgil	m	m	ш	Static Level III Examine
Pompeo, Michael	п	п	п	· Bestie
Ruesch, Reymond	n	п	п	VT Examiner
Knapp, Gary	ш	ш	m	Station Level III Examiner
Kruthoff, John	II	П	П	VT Examiner
Kunzmann, David	N/A	п	N/A	VT Examiner
Plumadore, Mark	п	П	п	VT Examiner
Yost, Patrick	п	п	П	VT Examiner
Anderson, Michael	п	П	N/A	VT Examiner
Boehner, Dan	п	п	п	VT Examiner
Carroll, Ernest	п	п	N/A	VT Examiner
Field, Mark	п	П	П	VT Examiner
Fry, Robert	п	П	п	VT Examiner
Jones, William	п	п	D	VT Examiner
Lecouris, Kim	п	П	N/A	VT Examiner
Porter, Michael	п	П	N/A	VT Examiner
Reimer, Andrew	п	п	п	VT Examiner
Sack, Chris	п	п	N/A	VT Examiner
Tucker, Roger	п	п	N/A	VT Examiner
Turner, Oran	п	п	п	VT Examiner
Wagner, Bernard	П	п	N/A	VT Examiner
VECTRA:				
Lukan, Kurt	п	п	П	Contractor VT Examiner
Wolfe, Bruce	D	п	П	Contractor VT Examiner
Hatcher, Dennis	п	п	п	Contractor VT Examiner
General Electric:				
Heath, Michael	ш	ш	ш	Contracted Invessel Visual Inspector
Patch, Michael	ш	ш	ш	Contracted Invessel Visual Inspector

4.0 RELIEF REQUESTS AND TECHNICAL APPROACHES

## TECHNICAL APPROACH AND POSITION NUMBER: CT-01 (Page 1 of 2)

### COMPONENT IDENTIFICATION

Code Class:

1

Reference:

IWB-2500

Table IWB-2500-1

**Examination Category:** 

B-A

Item Numbers:

B1.11, B1.12, B1.51

Description:

Examination of Pressure Retaining Welds in the Reactor Vessel

### CODE REQUIREMENT

IWB-2500 states that components shall be examined and tested as specified in Table IWB-2500-1.

Table IWB-2500-1 requires a volumetric examination to be performed each inspection interval on all reactor vessel shell welds, and material weld repairs in the beltline region where the repair depth exceeds 10% nominal vessel wall thickness.

### **POSITION**

Volumetric examination of several reactor vessel shell welds, including those in the beltline region, from the reactor vessel outer surface is precluded by the close proximity of the biological shield wall and obstruction by the vessel insulation.

The mirror type insulation installed on the reactor vessel consists of interlocking panels that were not designed to be removed at the weld locations. Furthermore, the annular dimensions between the shield wall and the insulation are not sufficient to allow direct access to personnel for insulation removal.

Volumetric examination of the majority of the reactor vessel shell welds and material weld repairs may be feasible from the inner surface of the reactor vessel, using very specialized examination equipment that has just recently been developed. The full extent of examination coverage that can be achieved utilizing this specialized equipment is not currently known. This is due to the various vessel internal interferences.

Quad Cities Station is currently pursuing the development of a "Reactor Pressure Vessel (RPV) Examination Plan" that will provide a systematic approach to meeting the Section XI examination requirements. The extent of reactor vessel shell weld examination coverage that can be achieved utilizing the specialized examination equipment will also be determined. Only those reactor vessel shell welds and material weld repairs that are accessible from the

### TECHNICAL APPROACH AND POSITION NUMBER: CT-01 (Page 2 of 2)

outer surface of the reactor vessel will be scheduled for examination prior to the completion of the RPV Examination Plan. Upon completion of the RPV Examination Plan, Quad Cities Station will submit a relief request identifying the portions of the Reactor Vessel shell welds and material weld repairs that cannot be examined from either the outer or inner surface of the reactor vessel.

### RELIEF REQUEST NUMBER: CR-02 (Page 1 of 3)

### COMPONENT IDENTIFICATION

Code Class:

1

References:

IWB-2500

Table IWB-2500-1

Examination Category:

B-J

Item Numbers:

B9.11, B9.12, B9.21, B9.31, B9.32, B9.40

Description:

Selection of Class 1 Piping Welds for Examination

Component Numbers:

Various Class 1 Welds

### CODE REQUIREMENT

IWB-2500 states that components shall be examined and tested as specified in Table IWB-2500-1.

Table IWB-2500-1, Category B-J requires that Notes 1(b) and 2 be used in the selection of Class 1 piping welds for examination.

Note 1(b) states that examinations shall include all terminal ends and joints in each pipe or branch run connected to other components where the stress levels exceed the following limits under loads associated with specific seismic events and operational conditions:

- (1) primary plus secondary stress intensity range of 2.4S<sub>m</sub> for ferritic steel and austenitic steel
- (2) cumulative usage factor, U, of 0.4.

Note 2 states that the initially selected welds shall be reexamined during each inspection interval.

### BASIS FOR RELIEF

Because Quad Cities piping was designed primarily per ANSI B31.1.0-1967, the parameters  $S_m$  and U are not available for weld selection purposes. These parameters are ASME Section III piping design characteristics. Stress data per ANSI B31.1.0 does exist (S<sub>o</sub>), however, correspondence to Class 1 weld locations is not evident or available in many cases. ANSI B31.1.0 does not include a cumulative usage factor parameter similar to U of ASME Section III.

By selecting all Class 1 terminal end welds and branch connections welds as discussed in the Proposed Alternate Examination section, all potentially high stressed welds will be included.

### RELIEF REQUEST NUMBER: CR-02 (Page 2 of 3)

in the interval weld selection.

This selection methodology is deemed an acceptable alternative based on the design code employed for Quad Cities Class 1 piping and the stress data availability/correspondence situation described previously.

Quad Cities Station requests relief from the requirements of Table IWB-2500-1, Examination Category B-J, Note 2, for the third inspection interval. This requirement is deemed non-applicable for Quad Cities Units 1 and 2 on the following basis.

The ISI Class 1 piping weld selection for Interval 1 and Interval 2 at Quad Cities was based on ASME Section XI, 1974 Edition with addenda through Summer 1975. This weld selection basis calls for a separate, 25% weld selection for each interval. Reexamining all piping welds selected for Interval 2 in Interval 3 would be inconsistent with the selection criteria suggested in the Proposed Alternate Examination section, as the terminal and branch connection examinations were previously distributed randomly by intervals.

#### PROPOSED ALTERNATE EXAMINATION

ISI Class 1 piping welds will be selected for examination such that 25% of the total non-exempt welds are examined during the interval per the following criteria:

- All accessible terminal end welds in each pipe or branch run connected to vessels.
- All accessible terminal end welds in each pipe or branch run connected to other components.
- c) All dissimilar metal welds between combinations of:
  - (1) carbon or low alloy steels to high alloy steels
  - (2) carbon or low alloy steels to high nickel alloys
  - (3) high alloy steels to high nickel alloys
- d) Additional piping welds so that the total number of circumferential butt welds (or branch connection or socket welds) selected for examination equals 25% of the circumferential butt welds (or branch connection or socket welds) in the reactor coolant piping system. This total does not include welds excluded by IWB-1220. These additional welds may be located in one loop (one loop is

RELIEF REQUEST NUMBER: CR-02 (Page 3 of 3)

defined for both PWR and BWR plants in the 1977 Edition). The additional piping welds will be distributed to the degree practicable, in a prorated fashion by system, line sizes and weld joint description (pipe-to-fitting, pipe-to-valve, etc.).

### APPLICABLE TIME PERIOD

Relief is requested for the third ten-year interval of the Inservice Inspection Program for Quad Cities Units 1 and 2, which concludes on February 18, 2003 and March 10, 2003, respectively.

RELIEF REQUEST NUMBER: CR-03 (Page 1 of 4)

#### COMPONENT IDENTIFICATION

Code Classes:

1 and 2

References:

IWB-2500

IWC-2500

Table IWB-2500-1

Table IWC-2500-1

**Examination Categories:** 

B-J, C-F-1, C-F-2

Item Numbers:

B9.31, B9.32, C5.81

Description:

Inspection of Branch Pipe Connections Designed with

Reinforcement Saddles.

Component Numbers:

Various Class 1 and 2 Welds

### CODE REQUIREMENT

IWB-2500 states that components shall be examined and tested as specified in Table IWB-2500-1.

Table IWB-2500-1 requires a surface and volumetric examination to be performed on branch pipe connection welds NPS 4 and larger and surface examinations to be performed on branch pipe connection welds less than NPS 4.

IWC-2500 states that components shall be examined and tested as specified in Table IWC-2500-1.

Table IWC-2500-1 requires a surface examination to be performed on branch pipe connection welds greater than NPS 4 in BWRs.

#### BASIS FOR RELIEF

The design of certain Class 1 and 2 branch pipe connection welds calls for the use of reinforcement saddles. These saddles are fillet welded over the actual pressure retaining branch pipe to main pipe, completely encasing it as illustrated on Figures CR-03.1 and CR-03.2. This design precludes any type of surface or volumetric examination from being performed on the pressure retaining branch connection weld. However, additional assurance of the continued integrity of these joints is afforded by the fact that the reinforcement saddle strengthens the joint and reduces the stresses on the internal weld.

Based on the above, Quad Cities Station requests relief from the ASME Section XI requirements for the surface and volumetric examination of Class 1 and 2 branch pipe

#### RELIEF REQUEST NUMBER: CR-03

(Page 2 of 4)

connection welds that are designed with a reinforcement saddle.

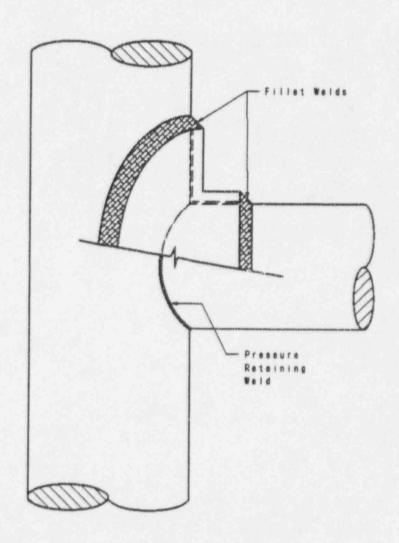
#### PROPOSED ALTERNATE EXAMINATION

As an alternate examination, Quad Cities Station will perform a surface examination of both the saddle to main pipe weld and the saddle to branch pipe weld, when the pressure retaining weld is made inaccessible due to the use of a reinforcement saddle. Additionally, a VT-2 visual examination of these joints will be performed in conjunction with the required Class 1 or Class 2 System Pressure Tests.

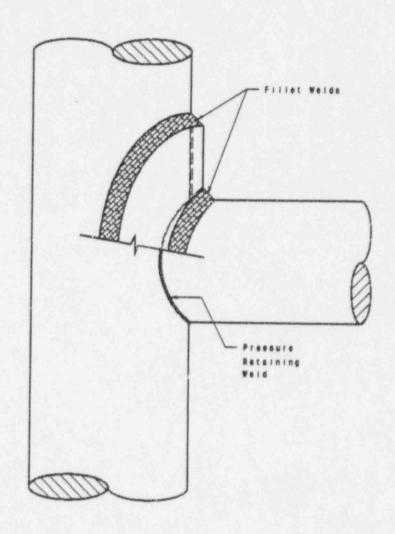
#### APPLICABLE TIME PERIOD

Relief is requested for the third ten-year interval of the Inservice Inspection Program for Quad Cities Units 1 and 2, which concludes on February 18, 2003 and March 10, 2003, respectively.

## RELIEF REQUEST NUMBER: CR-03 FIGURE CR-03.1 TYPE 1 TYPICAL SADDLE REINFORCEMENT



## RELIEF REQUEST NUMBER: CR-03 FIGURE CR-03.2 TYPE 2 TYPICAL SADDLE REINFORCEMENT



RELIEF REQUEST NUMBER: CR-06 (Page 1 of 2)

#### COMPONENT IDENTIFICATION

Code Classes:

1, 2, and 3

Reference:

IWF-1000, IWF-2000, IWF-3000

Examination Category:

F-A

Item Numbers:

F1.10 through F1.70

Description:

Component Support Examination Requirements

Component Numbers:

All Class 1, 2, and 3 component supports

#### CODE REQUIREMENT

All requirements included in IWF-1000, IWF-2000, and IWF-3000.

#### BASIS FOR RELIEF

Subsection IWF, Articles IWF-1000, IWF-2000, and IWF-3000 in the 1989 Edition of Section XI lacks a complete, concise set of rules for the inservice inspection of component supports. In particular, IWF-1230, Supports Exempt from Examination and Test; IWF-2510, Supports Selected for Examination; and Table IWF-2500-1 are lacking the information and detail needed to develop an effective inspection program.

Code Case N-491, Alternative Rules for Examination of Class 1, 2, 3, and MC Component Supports of Light Water Cooled Power Plants presents a set of requirements for IWF-1000, IWF-2000, and IWF-3000 which are complete and clarify questionable wording in the 1989 Edition.

Although currently not included in Regulatory Guide 1.147, Quad Cities Station understands that the NRC has reviewed Code Case N-491 and has no technical concerns with the included requirements.

Based on the above, Quad Cities Station requests relief from the requirements of ASME Section XI, 1989 Edition, Articles IWF-1000, -2000, and -3000.

### PROPOSED ALTERNATE PROVISIONS

In lieu of the requirements of ASME Section XI, 1989 Edition, Articles IWF-1000, -2000, and -3000, Quad Cities Station will implement the alternative rules detailed in Code Case N-491.

RELIEF REQUEST NUMBER: CR-06 (Page 2 of 2)

#### APPLICABLE TIME PERIOD

Relief is requested for the third ten-year interval of the Inservice Inspection program for Quad Cities Units 1 and 2, which concludes on February 18, 2003 and March 10, 2003, respectively.

RELIEF REQUEST NUMBER: CR-09 (Page 1 of 3)

#### COMPONENT IDENTIFICATION

Code Class:

1, 2, 3

Reference:

IWF-5000

Examination Category:

Not Applicable

Item Numbers:

Not Applicable

Description:

ISI Snubbers Included In The Technical Specification Snubber

Testing and Visual Examination Programs

#### CODE REQUIREMENTS

Preservice examination per IWF-5200(a) and Inservice examination per IWF-5300(a) in accordance with the first addenda to ASME/ANSI OM-1987 Edition, Part 4, published in 1988 (OMa-1988, Part 4, per 10CFR50.55a, paragraph (b)(2)(viii), published August 6, 1992).

Preservice testing per IWF-5200(b) and Inservice testing per IWF-5300(b) in accordance with the first addenda to ASME/ANSI OM-1987 Edition, Part 4, published in 1988 (OMa-1988, Part 4, per 10CFR50.55a, paragraph (b)(2)(viii), published August 6, 1992).

#### BASIS FOR RELIEF

Current Quad Cities Station Technical Specifications (TS) include comprehensive programs for visual examination and functional testing of all safety related hydraulic and mechanical snubbers. The program scope encompasses all Code Class 1, 2, and 3 snubbers.

Of the approximate total of 130 safety related snubbers per unit, approximately 60 are Code Class. The overlap of the visual examination and testing programs per ASME Section XI and Technical Specifications for the Code Class snubbers presents an unnecessary redundancy.

The TS snubber visual examination program and the program presented in OMa-1988, Part 4 per IWF-5200(a) and IWF-5300(a) are similar in content. Both programs include parallel criteria for operability, schedule, and sample size.

The TS snubber testing program and the program presented in OMa-1988, Part 4 per IWF. 5200(b) and IWF-5300(b) are very similar in content. Both programs include parallel requirements for operability testing. Similar requirements for testing frequency, sample size, and additional sampling for failures are also included in both programs.

### RELIEF REQUEST NUMBER: CR-09 (Page 2 of 3)

Regarding testing frequency and sample size, Quad Cities' TS Program calls for random testing of 10% of the total snubber population each refueling outage. Due to the random TS sampling, 10% of the Code snubbers may or may not be tested in a given outage, as required per OMa-1988; however, each program requires a 10% sample be tested (per outage) such that over a ten outage cycle 100% of the total snubber population is tested.

Regarding sample expansion for failures, Quad Cities' TS Program is similar to OMa-1988, Part 4. The requirements of this Technical Specifications Program are such that for each snubber that does not meet the functional test criteria, an additional 10% of that type of snubber shall be functionally tested. OMa-1988, Part 4 requires an additional sample lot of at least one-half the size of the intial sample to be tested until the total number tested is equal to the initial sample size multiplied by the factor 1+C/2, where C is the total number of snubbers found to be unacceptable. Quad Cities' TS Snubber Program sample expansion criteria definition of a type follows. The similar OMa-1988, Part 4 requirements are shown in parenthesis.

- 1. Snubbers from similar environments, where 'environment' takes into consideration temperature, humidity, and radiation. (Snubbers from other piping systems that have similar operating conditions such as temperature, humidity, vibration, and radiation.)
- Snubbers of similar size. All snubbers at Quad Cities Station were manufactured by Pacific Scientific and are of the same design. (Snubbers of the same manufacturer's design.)
- 3. Snubbers of the same piping system. (Snubbers from the same piping system.)
- Snubbers which were previously untested. (Snubbers which are previously untested.)
- Shubbers immediately adjacent to those found unacceptable. (OMa-1988, Part 4 only, not included in Technical Specifications)

It is Quad Cities Station position that the snubber visual examination and testing programs of Technical Specification 3.6/4.6 meet the intent of the program required by OMa-1988, Part 4. No plant safety benefits will be realized by imposing both programs on the Code Class snubbers at Quad Cities Units 1 & 2.

Based on the above, Quad Cities Station requests relief from the ASME Section XI requirements for visual examination and testing of Code Class snubbers.

### RELIEF REQUEST NUMBER: CR-09 (Page 3 of 3)

### PROPOSED ALTERNATE PROVISIONS

Quad Cities Station will perform visual examinations of Code Class snubbers in accordance with the latest approved revision of Station Technical Specifications in lieu of the requirements of IWF-5200(a) and IWF-5300(a). The station plans to implement the guidance of Generic Letter 90-09 for snubber visual examinations with the submittal of future Technical Specification revisions.

Quad Cities Station will perform functional testing of Code Class 1, 2 and 3 snubbers per plant Technical Specification 3.6/4.6-12 in lieu of the requirements of IWF-5200(b) and IWF-5300(b).

As required by IWF-5200(c) and IWF-5300(c) the examination of snubber integral and nonintegral attachments will be performed in accordance with Subsection IWF.

### APPLICABLE TIME PERIOD

Relief is requested for the third ten-year interval of the Inservice Inspection Program for Quad Cities Units 1 and 2, which concludes on February 18, 2003 and March 10, 2003, respectively.

RELIEF REQUEST NUMBER: CR-11 (Page 1 of 2)

#### COMPONENT IDENTIFICATION

Code Class:

1

References:

IWB-2500

Table IWB-2500-1

Examination Category:

B-G-1

Item Number:

B6.10

Description:

Use of alternative Examination Requirements, Examination

Method, and Acceptance Standard for Reactor Vessel Closure

Head Nuts.

Component Numbers:

All reactor vessel closure head nuts

#### CODE REQUIREMENT

IWB-2500 states that components shall be examined and tested as specified in Table IWB-2500-1.

Table IWB-2500-1 requires a surface examination to be performed on reactor vessel closure head nuts.

#### BASIS FOR RELIEF

Table IWB-2500-1 of the 1989 Edition of ASME Section XI requires a surface examination to be performed on the reactor vessel closure head nuts. However, Table IWB-2500-1 does not provide the corresponding "Examination Requirements/Figure Number" and "Acceptance Standard". These provisions were still in the course of preparation.

The incomplete set of rules for the examination of reactor vessel closure head nuts does not allow Quad Cities Station to implement an inspection program to verify the integrity of the this pressure retaining bolting.

The 1989 Edition of ASME Section XI, Category B-G-1, employs a VT-1 visual examination for nuts associated with Heat Exchangers, Piping, Pumps, and Valves (Item Numbers B6.140, B6.170, B6.200, and B6.230, respectively). These Category B-G-1 requirements also provide an Acceptance Standard, IWB-3517, for the VT-1 examinations. Accordingly, these rules are deemed by Quad Cites Station as an acceptable and complete set of rules to assure the integrity of reactor vessel closure nuts.

### RELIEF REQUEST NUMBER: CR-11 (Page 2 of 2)

Based on the above, Quad Cities Station requests relief from the requirements specified in Table IWB-2500-1 of the 1989 Edition of ASME Section XI for reactor vessel closure head nuts.

#### PROPOSED ALTERNATE POSITIONS

As an alternate examination, Quad Cities Station will perform a VT-1 visual examination of the surface of all reactor closure head nuts, utilizing the acceptance criteria of IWB-3517, as delineated in the 1989 Edition of ASME Section XI.

### APPLICABLE TIME PERIOD

Relief is requested for the third ten-year interval of the Inservice Inspection Program for Quad Cities Units 1 and 2, which concludes on February 18, 2003 and March 10, 2003, respectively.

5.0 NIS-2 FORMS

#	WORK REQUEST	UNIT	DESCRIPTION
1	Q92959	1	NEW INSTALLATION HPCI EXH VAC BKR
2	Q08153	1	REPLACED ERV FLANGE BOLTING
3	Q10142	1	REPLACED ESS FILL PUMP
4	Q03816	1	REPAIRED SPRING CAN
5	Q02792	1	REPLACED 1-1001-73A BOLTING
6	Q02793	1	REPLACED 1-1001-73B BOLTING
7	Q02794	1	REPLACED 1-1001-73C BOLTING
8	Q02795	1	REPLACED 1-1001-73D BOLTING
9	Q85144	1	REPAIRED 1-1001-186A VALVE
10	Q01111	1	REPLACED CRD DRIVE
11	Q01101	1	REPLACED CRD DRIVE
12	Q01087	1	REPLACED CRD DRIVE
13	Q01085	1	REPLACED CRD DRIVE
14	Q01096	1	REPLACED CRD DRIVE
15	Q01086	1	REPLACED CRD DRIVE
16	Q01092	1	REPLACED CRD DRIVE
17	Q01100	1	REPLACED CRD DRIVE
18	Q75663	1	REPAIRED 1-1001-68B VALVE
19	Q01371	1	REPLACED FEEDWATER CHECK VALVE TRIM
20	Q01486	1	REPLACED D RHR ROOM COOLER BOLTING
21	Q94810	1	REPAIRED B RHR PMP DISCH GATE VALVE
22	Q89826	1	REPLACED 1-3999-86 VALVE
23	Q02892	1	REPLACED RHR PMP MTR BEARING COOLER BOLTING
24	Q04494	1	REPAIRED SPRING CAN SUPPORT
25	Q03997	1	REPAIRED RHR CONTAINMENT SPRAY ISOLATION
26	Q84739	1	REPLACED SNUBBER
27	Q04439		REPLACED FEEDWATER CHECK VALVE BOLTING
8	Q95239	1	REPLACED D RHRSW PMP DISCH CHEK VALVE

#	WORK REQUEST	UNIT	DESCRIPTION
29	Q03011	1	REPLACED RHR/FUEL POOL SPOOL PIECE BOLTING
30	Q02893	1	REPLACED 1-1001-145D BOLTING
31	Q89819	1	REPAIRED B RHR ROOM COOLER
32	Q03162	1	REPLACED PIPING SUPPORT U-BOLT NUTS
33	Q89781	1	REPAIRED B RHR ROOM COOLER
34	Q98663	1	REPAIRED HPCI ROOM COOLER COVER PLATE
35	Q01105	1	REPLACED CRD DRIVE
36	Q03654	1	REPLACED 1-1001-185A VALVE
37	Q01109	1	REPLACED CRD DRIVE
38	Q89806	1	REPLACED TARGET ROCK RELIEF VALVE
39	Q89802	1	REPLACED MAIN STEAM SAFETY VALVE
40	Q00795	1	REPAIRED B LOOP RECIRC DECON FLANGE
41	Q01102	1	REPLACED CRD DRIVE
42	Q89800	1	REPLACED MAIN STEAM SAFETY VALVE
43	Q89804	1	REPLACED MAIN STEAM SAFETY VALVE
44	Q89798	1	REPLACED MAIN STEAM SAFETY VALVE
45	Q89817	1	REPAIRED B CORE SPRAY ROOM COOLER
46	Q90004	1	REPLACED C RHR PMP DISCH CHECK VALVE
47	Q01108	1	REPLACED CRD DRIVE
48	Q01091	1	REPLACED CRD DRIVE
49	Q01093	1	REPLACED CRD DRIVE
50	Q01114	1	REPLACED CRD DRIVE
51	Q01113	1	REPLACED CRD DRIVE
52	Q89794	1	REPLACED ERV VALVE
53	Q89807	1	REPAIRED TARGET ROCK RELIEF VALVE
4	Q01089	1	REPLACED CRD DRIVE
5	Q01088	1	REPLACED CRD DRIVE
6	Q01083	THE REAL PROPERTY AND PERSONS ASSESSED.	REPLACED CRD DRIVE
7	Q01106	THE OWNER OF TAXABLE PARTY.	REPLACED CRD DRIVE
8	Q01107	PETERSON AND PROPERTY.	REPLACED CRD DRIVE

#	WORK REQUEST	UNIT	DESCRIPTION
59	Q01084	1	REPLACED CRD DRIVE
60	Q01095	1	REPLACED CRD DRIVE
61	Q96299	1	REPLACED HPCI PMP SUCTION RELIEF VALVE
62	Q79115	1	REPLACED PIPING SUPPORT BOLTING
63	Q92245	1	REPLACED RX WTR LEVEL INSTRUMENTATION PIPING
64	Q92246	1	REPLACED RX WTR LEVEL INSTRUMENTATION PIPING
65	Q07867	1	REPLACED HPCI TURBINE EXHAUST CHECK VALVE
66	Q08690	1	REPLACED HPCI COOLING WATER RELIEF FLANGE BOLTING
67	Q08061	1	REPLACED HPCI TURBINE INLET FLANGE BOLTING
68	Q08067	1	REPAIRED HPCI STEAM SUPPLY PIPING
69	Q11915	1	REPAIRED D RHRSW PIPING REDUCING ELBOW
70	Q71312	1	REPAIRED RWCU SUCTION VALVE
71	Q03261	1	REPLACED BELLOWS
72	Q75022	1	REPLACED CRD DRIVE
73	Q16115	1	REPAIRED SPHERICAL VENT HEADER
74	Q14404	1	MODIFIED SWAY STRUT ASSEMBLY
75	Q16083	1	REPLACED SNUBBER
76	Q06173	1	REPLACED SNUBBER
77	Q10121	1	REPLACEMENT FLANGE BAR-STOCK NUT
78	Q16081	1	REPLACED SNUBBER
79	Q06209	1	REPLACED SNUBBER
80	Q89354	1	REPLACEMENT ERV VALVE
81	Q03260	1	REPLACED BELLOWS
82	Q08048	1	REPLACEMENT NUT
83	Q09212	1	REPLACED 1-1001-186B VALVE STUDS & NUTS
84	Q07842	1	REPLACED MAIN STEAM SAFETY VALVE
85	Q15198	1	REPLACED 1-2301-4 VALVE

#	WORK REQUEST	UNIT	DESCRIPTION
86	Q10125	1	REPAIRED 1-5746A ROOM COOLER
87	Q16406	1	REPLACEMENT BOLT ON 1-1001-6B VALVE
88	Q07844	1	REPLACED RELIEF VALVE
39	Q09211	1	REPLACED 1-1001-185B VALVE STUDS & NUTS
90	Q07259	1	REPAIRED DECON FLANGE
91	Q08284	1	REPAIR/REPLACEMENT VALVE/STEM
92	Q17169	1	REPAIRED EXISTING WELD
93	Q17149	1	REPAIRED YOKE & STARNUT
94	Q11277	1	REPLACE/REPLACEMENT CRD DRIVE/CAP SCREW
95	Q11280	1	REPLACED CRD DRIVE
96	Q11285	1	REPLACED CRD DRIVE
97	Q11287	1	REPAIR/REPLACEMENT CRD DRIVE/CAP SCREW
98	Q08166	1	REPLACED MIN FLOW VALVE THREADED PLUG
99	Q15199	1	REPAIRED 1-1301-17 VALVE
100	Q03003	1	REPLACED FEED WATER CHECK VALVE TRIM
101	Q90254	1	REPLACED A RHR HEAT EXCHANGER SW OUTLET VALVE TRIM
102	Q01526	1	REPLACED RWCU INBOARD RECIRC SUCTION VALVE
103	Q03288	1	REPLACED FEED WATER CHECK VALVE TRIM
104	Q030	1	REPLACED FEED WATER CHECK VALVE TRIM
105	Q89877	1	REPLACED ERV VALVE
106	Q95728	1	REPLACED RECIRC DECON FLANGE BOLTING
107	Q98171	1	REPAIRED MAIN STEAM ISOLATION VALVE
108	Q07979	1	REPLACED HPCI TURB CASING DRAIN ORIFICE FLANGE BOLTING
109	Q07986	1	REPAIRED HPCI DRAIN POT STEAM TRAP
110	Q07869	1	REPLACED HPCI EXHAUST RUPTURE DISC
111	Q11279	1	REPLACED CRD DRIVE
112	Q07847	1	REPLACED ELECTRO MATIC RELIEF VALVE

#	WORK REQUEST	UNIT	DESCRIPTION						
113	Q90478	1	REPLACEMENT SOCKET WELD COUPLING LINE 1-1020A-1-1/2"						
114	Q15196	1	REPLACEMENT WEDGE ON 1-2301-5 VALVE						
115	Q90479	1	REPLACEMENT SOCKET WELD COUPLING LINE 1-1020B-1-1/2"						
116	Q07843	1	REPLACEMENT VALVE 1-203-4D						
117	Q15177	1	REPLACEMENT PRESSURE RETAINING COMPONENTS 1-1301-16 VALVE						
118	Q11276	1	REPLACED CRD DRIVE						
119	Q12857	1	REPLACED CRD DRIVE						
120	Q14358	1	REPLACED FLANGE						
121	Q12304	1	REPAIRED 1-1001-65D DISCHARGE PIPING						
122	Q11283	1	REPLACED CRD DRIVE						

### As Required by the Provisions of ASME Code Section XI

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3. Work Performed b	oy Stone & Webster Eng.	Corp.				WR	// Q92959	
4. Identification of Sy	ystem PRESSURE SUPI	PRESSION	-					
5. (a) Applicable Con	struction Code ASME SE	CC III / 1965	Edition,	W '6	5 Addenda	. Code C	Cases NONE	
(b) Applicable Edit	tion of Section XI Utilized fo	or Repairs or Re	placeme	nts- 198	COMMUNICATION CO.	denda, C	ode Cases N3	08
6. Identification of Co	omponents Repaired or Repla	aced, and Replac	cement C	ompone	mte			
Name of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired.	ASME Cod
Component  HPCI TURBINE	Mfr.	No.	Bd. No.	No.	Ideati- fication	Built	Replaced, or Replacement	Stamped (Yes or No
EXHAUST VAC BKR INBD ISOL HPCI TURBINE	BORG WARNER	N/A	N/A	N/A	1-2399-40	N/A	NEW INSTALL- ATION	NO
EXHAUST VAC BKR OUTBD ISOL HPCI TURBINE	BORG WARNER	N/A	N/A	N/A	1-2399-41	N/A	NEW INSTALL- ATION	NO
EXHAUST VAC BKR STOP HPCI TURBINE	BORG WARNER	78240	N/A	N/A	1-2399-62	N/A	NEW INSTALL- ATION	NO
EXHAUST VAC BKR X-CONNECT	BORG WARNER	77908	N/A	N/A	1-2399-63	N/A	NEW INSTALL- ATION	NO
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(STATE OR PROVINCE, NATIONAL BOARD)

(INSPECTOR)

### FORM NIS-2 OWNERS REPUM! OF REPLACEMENT As Required by the Provisions of ASME Code Section XI

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5. (a) Appli (b) Appli	icable Constr icable Edition	uction Code ASM of Section XI Utiliz	E SEC III / 19 and for Repairs	or Repl	dition, _\ accments-	W '65 Adden	da, Code Addenda, (	Cases NONE Code Cases N	308
6. Identifica	ation of Com	ponents Repaired or I	Replaced, and	Replaces	ment Com	DOBente			
Comp	ne of conent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.		Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Cod Stamped (Yes or No
HPCI TU EXHAUS BK HPCI TU	ST VAC	ANCHOR- DARLING	ETO- 33-2-4	N/A	N/A	1-2399-64	N/A	NEW INSTALL- ATION	NO
EXHAUS BK HPCI TU	T VAC	ANCHOR- DARLING	ETO- 33-2-1	N/A	N/A	1-2399-65	N/A	NEW INSTALL- ATION	NO
EXHAUS BK HPCI TU	T VAC	ANCHOR- DARLING	ETO- 33-2-2	N/A	N/A	1-2399-66	N/A	NEW INSTALL- ATION	NO
EXHAUS	T VAC	ANCHOR- DARLING	ETO- 33-2-3	N/A	N/A	1-2399-67	N/A	NEW INSTALL- ATION	NO
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DESCRIPTION OF THE PARTY OF THE	THE SECRET PROPERTY OF THE PERSON	(Inspecto	E)	THAT IS NOT THE OWNER.		(\$1	TATE OR PI	ROVENCE, NATIO	NAL BOARD)

### As Required by the Provisions of ASME Code Section XI

1. Owner	1. Owner Commonwealth Edison 72 W. Adams, Chicago, IL 60690						Dat		
Plant	Quad Cities 1	Nuclear Power Station Ave. North, Cordova	W (1949				Uni	-	<u></u>
-	22/10/2001	Ave. North, Cordova,	IL 61242						-
3. Work Perf	formed by	Quad Cities Nuclear S	tation				WR	/ Q08153	
-	22710 206th	Ave. North, Cordova,	IL 61242					700123	
4. Identificati	on of System	MAIN STEAM	M. En vers modeler an institute and over province			77. The same of th			
5. (a) Applica	ible Construct	tion Code USAS B3	11.1 / 1967	Edition.	N/	A Addenda	Code C	LABOR NONE	
(b) Applica	ble Edition o	f Section XI Utilized	for Repairs or Re	placeme	ots- 198	10. W'80 Add	enda, C	ode Cases N3	08 .
		nents Repaired or Repi							- Contraction of the Contraction
Name	01	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Persient	100/00
Compos		Mfr.	No.	Bd. No.	No.	Identi- fication	Built	Repaired, Replaced, or Replacement	ASME Co Stamped
RELIEF V	MATIC	BULA				1-0203-3E		- Acoptacetiteta	(Yes or N
FLANGE BO	DLTING	N/A	N/A	N/A	N/A	127 down	N/A	REPLACED	NO
RELIEF V	ALVE	N/A	N/A	N/A	N/A	1-0203-3E	N/A	DER ACE	***
FLANGE BO	DLTING					177 from	NA	REPLACE- MENT	NO
			1.114	4-			1		
THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAME					-				Carlot Water Committee on the Committee
7. Description	of Work R	EPLACED FLANGE	BOLTOLO						PARTICIPATION OF THE PARTICIPA
		ENCED FLANGE	BULLING LIN	E FOR	LIKE.	Comment of the same of the sam		THE REAL PROPERTY AND ADDRESS OF THE PARTY AND	A Source of the Source of State of Stat
8. Tests Condu		rostatic [ ] sure 420 pai	Pneumatic [		No	ominal Operating	Pressu	re M Od	wer [ ]
				500	F				- ' '
9. Remarks	APPLICA	BLE MANUFACTUE	RERS DATA RE	PORTS	ON F	LE AT OCNES	i.		
	-	A CONTRACTOR OF THE PARTY OF TH		-	-				
	Marchines Colonic Office Cont.	(	ERTIFICATE	OF CO	MPI IA	NCE	Marketo Associate Market		
We certify that ASME Code.	the statemen	ats made in this repor	rt are correct an			LACEMENT	confor	rms to Section X	T of the
TOME COME.	_	_ , ,						IN DECEMBER Y	TY OIL CLASE
Signed	200	ton for	Main	ut.	St	tt		12.	1-93
	OWNER OR	OWNERS DESIGNEE)			Tri	LE		101	(DATE)
		CI	RTIFICATE O	F INSP	ECTIO	N	M. ASSOCIATION ASSOCIATION IN COLUMN	THE RESERVE OF THE RESERVE OF THE PERSON NAMED IN	(DATE)
, the undersign	ed, holding	t valid commission is	mued by the Net	ional Ba	and of	W-7			
				pection i	k Insu	power and Pres rance Co of Hav	sure Ve	sei Inspectors	
CEPLACEMEN	(T describe	ed in this Report on	-	nd state	that to	the best of my	knowle	dge and belief,	ed the
either the inspe	ector nor his	en constructed in accemployer makes any	THE CHILD SE	ection X	l of the	ASME Code. 1	By signi	ng this certifica	te,
escribed in this	Report. Fur	Chermore neither th	e Increase and	msed or	amphe	d, concerning ti	se repai	r or replacemen	st .
		s a loss of any kind s	vising from or c	onnecte	d with	this inspection.	amy south	summer for any pe	rsonal
Tate 1-14-	94 8	Sodon Bu O	4			missions IL9	)/	~	
		(INSPECT	roit)	************	Coem	**************************************	NAME AND ADDRESS OF THE OWNER, OR OTHER DESIGNATION OF THE OWNER,	N. COURS D. V.	
		The state of the s	CHARLEST MAN STREET, STREET, SALES	CONTRACTOR OF STREET	The state of the s	Catair O	a FROV	NCE, NATIONAL	BOARD)

### FORM NIS-2 OWNERS REPORT OF RETAIL OR REPLICEMENT As Required by the Provisions of ASME Code Section XI

1. Owner	1. Owner Commonwealth Edison 72 W. Adams, Chicago, IL 60690			Date 12/8/93 Sheet 1 of 1					
. Plant		Nuclear Power Station Ave. North, Cordova,	IL 61242				Uni		
3. Work Pe	erformed by	Quad Cities Nuclear S							
J. 11 DIE 21		Ave. North, Cordova,					WR	V Q10142	
4. Identifica		CORE SPRAY		***************************************					
5. (a) Appli	icable Construct	tion Code USAS B3	1.1 / 1967	E	dition	N/A A	ddenda.	Code Cases	
(b) Appi	icable Edition o	f Section XI Utilized f	or Repairs or Re	placeme	nts	989 Addend	a, Code	Cases	-
		necu Repaired or Repl							
Nan	ne of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Tv		
-	onest	Mfr.	No.	Bd. No.	No.	Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	22					THE STREET STREET, STR	1	The passes of the same	(Tes of No)
PU	STATE OF THE PARTY	CRANE	27107-1	N/A	N/A	1-1402-57	N/A	REPLACED	NO
FU	LL	CRANE	28170-1	N/A	N/A	1-1402-57	N/A	REPLACE- MENT	NO
<ol> <li>Description</li> <li>Tests Con</li> <li>Remarks</li> </ol>	ducted: Hye	EFLACED ESS FILI drostatic [X] ssure80 psi BLE MANUFACTUI	Preumetic [ Test Temp	] AMB	No F.	minal Operation		are [ ] Od	per [ ]
***			CERTIFICATE	OF CO	MPLIA	NCE	CONTRACTOR OF LOUISING		
We certify the ASME Code	ant the stateme	mts made in this repo	rt are correct as	ad this		ACEMENT	confo	rms to Section 3	I of the
ASME CODE									
Signed	Yn	For h	Ma	int.	54.	16		1-13-	911
THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED AND ADDRESS O	(OVANTER OF	OWNERS DESIGNER)	ANTONIO PARTICIPATO DE LA PORTE DE LA PORT		Trr	THE RESIDENCE AND PERSONS ASSESSED.		7-13-	THE RESERVE THE PERSON NAMED IN COLUMN
		C	ERTIFICATE (	OF INSP				THE RESERVE THE PERSON NAMED IN COLUMN 2 I	(DATE)
REPLACEM repair or rep meither the in 'escribed in	ENT descrit lacement has be spector nor his this Report.	a valid commission is aployed by Hartford S and in this Report on some constructed in ac amployer makes any thermore, neither the ar a loss of any kind	Steam Boiler Ins /-/4-94 a cordance with S warranty, exp	tional B spection and state section X ressed or	oard of a linear that to	Boiler and Promace Co. of H the best of my ASME Code. d, concerning	artford, knowle By sign the repa	CT have inspecting and belief, ing this certification	this te,
Date /- 14	/	10 B							
Desc 7-14	-17 0	(Inspec	me)	-	Corra	missions IL	A PERSONAL PROPERTY AND ADDRESS OF THE PARTY		1
PERSONAL PROPERTY AND	THE RESERVE OF THE PERSON NAMED IN	The back	I OR.)	THE REPORT OF THE PARTY OF THE	THE STREET WAS ASSESSED.	(STATE	OR PROV	TINCE, NATIONAL	BOARD)

	FURM NIS-2 O As Requ	WNERS REPO	RT OF	REPAIR ASME (	OR REPLA	CEMEN XI	Tá.	
	nwealth Edison Adams, Chicago, IL 60690					Dat	e 12/8/93	A Committee of the Comm
	tuatis, Carcago, IL 60690	-				She	et 1 of	1
Plant Quad C	ities Nuclear Power Station					Uni	1	
22710 2	06th Ave. North, Cordova,	IL 61242				-		
3. Work Performed b22710 2	y Quad Cities Nuclear S 06th Ave. North, Cordova,	IL 61242				WR	/ Q03816	
4. Identification of Sy	stem RESIDUAL HEA	T REMOVAL						
(b) Applicable Edit	struction Code _USAS B3	for Repairs or Re	placemen	19	89 Adden	, Code C	Cases NONE	
Name of	mponents Repaired or Repl	Mfrs. Ser.	ement C		A CHINADA PRODUCTION AND AN ADMINISTRATION OF THE PARTY AND			
Component	Mfr.	No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Co Stamped (Yes or N
SPRING CAN	N/A	N/A	N/A	N/A	1-1009- BW209	N/A	REPAIRED	NO
SPRING CAN SUPPORT ROD	N/A	N/A	N/A	N/A	1-1009- BW209	N/A	REPLACED	NO
SPRING CAN SUPPORT ROD	N/A	N/A	N/A	N/A	1-1009- BW209	N/A	REPLACE- MENT	
Tests Conducted:	REPLACED SUPPORT Hydrostatic [ ] Pressurepsi ICABLE MANUFACTUS	Preumetic [ Test Temp	] F	Nos	ninal Operatis		n. [ ] Ou VT-3/4-1.1	ner [X]
rned	Ford &	TERTIFICATE IT ARE CONTECT AN	OF CON	REPAI		confee	res to Section X	I of the
UDWN	R OR OWNERS DESIGNEE)	Name of the last o	- OD - CARD MARKA	TmL	E	NOTES TO SECURE ASSESSMENT	A STATE OF THE CONTRACT OF THE	(DATE)
PAIR de	ding a valid commission is , employed by Hartford S scribed in this Report on	1-14-94	ional Bo	ard of B	oiler and Prence Co. of H	asure Ve	ssel Inspectors CT have inspec	
sair or replacement b	as been constructed in acc	perdance with S	ection X	of the	SME Code	Enowher	age and belief,	this

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Illimois, employed by Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the described in this Report on 1-14-94 and state that to the best of my knowledge and belief, this neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement acribed in this Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal large of any kind arising from or connected with this inspection.

Chester Del

Commissions IL97/

(STATE OR PROVINCE, NATIONAL BOARD)

### FURM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

1. Owner	72 W. Adam	alth Edison ns, Chicago, IL 60690	Min de monte constantes	Date 12/4/93 Sheet 1 of 1						
Piant	PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE OW	Nuclear Power Station Ave. North, Cordova,	IL 61242				Uni			
3. Work Pe	erformed by	Quad Cities Nuclear St	stion				WR	/ Q02792		
4 Identifica	ation of System	Ave. North, Cordova,	AND DESCRIPTION OF STREET STREET							
5. (a) Appli	icable Construc	RESIDUAL HEA	1.1 / 1967	Placeme	dition	N/A Adden	idenda, da, Code	Code Cases		
6. Identifica	ation of Compo	poents Repaired or Repl	cond. and Renlac	rement C	OMBOOS					
Comp	ne of conent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped	
ORIFICE BOLT	ring	UNKNOWN	N/A	N/A	N/A	1-1001-73A	N/A	REPLACED	(Yes or No)	
1B RHR M ORIFICE BOLT	FLANGE	UNKNOWN	N/A	N/A	N/A	1-1001-73A	N/A	REPLACE- MENT	NO	
7. Description 8. Tests Cons 9. Remarks	ducted: Hy	drocatic [ ]	Pnoumatic [ Test Temp	]	No F.	minal Operation		ure [X] Od		
We contifu th	at the state-		ERTIFICATE				PARTIES NO SERVICE COMP.			
ASME Code		unts made in this repor	"t are correct au	d this	REPI	ACEMENT	confo	rens to Section )	I of the	
Signed	(O)MATER O	Ford In	Mar	nt	CHIPTO STREET,	Ť.		1-13	3-94	
To the state of th	TO THE REAL PROPERTY OF THE PARTY OF THE PAR	CHARLES AND ADDRESS OF THE SECOND PROPERTY OF	RTIFICATE C	F INSP	ECTIO		NAME OF THE OWNER, TO	The state of the s	(DATE)	
REPLACEM repair or repl neither the in scribed in t	ENT descri becament has l spector nor hi this Report. F	a valid commission is aployed by Hartford S bed in this Report on been constructed in acr is employer makes any arthermore, neither th or a loss of any kind a	cordance with S warranty, exp	pection and state ection X ressed or his arms	& Insure that to I of the implies	nace Co. of Hi the best of my ASME Code. d, concerning (	artford, knowle By signi the repa	CT have insper dge and belief, ing this certifica	this ite,	
Date /-/4	-94	Dordon Bos	lay		Com	missions IL	971			
THE STREET PROPERTY AND PERSONS ASSESSED.	THE RESIDENCE TO ADDITION	(Inspec	roe)			(STATE C	R PROV	DICE, NATIONAL	BOARD)	

### FURM NLS-2 OWNERS REPORT OF REPAR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

1. Owner	1. Owner Commonwealth Edison 72 W. Adams, Chicago, IL 60690					Date 12/4/93 Sheet 1 of 1						
Plant		Nuclear Power Station					Uni	William Street	*******			
	22/10 206th	Ave. North, Cordova,	IL 61242					-				
3. Work Pe	erformed by	Quad Cities Nuclear Sta	ation				31/70	# O03000				
	22710 206th	Ave. North, Cordova, I	L 61242				WR	WQ02793				
4. Identifica		RESIDUAL HEAT	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN 1									
5. (a) Appli	icable Construc	tion Code USAS R31	.1 / 1967	E	dition	N/A	Addenda	Code Cases				
(b) Appli	icable Edition	of Section XI Utilized fo	r Repairs or Re	placeme	ats- 19	OWNERS OF THE PERSON NAMED IN	idenda, Co	de Cases	THE REAL PROPERTY.			
6. Identifica	ation of Compo	ments Dennised as Darl						-	remananual.			
Nam	oe of	nents Repaired or Repla Name of	Mfrz. Ser.	ement C								
	DOGGE	Mfr.	No.	Nat'l Bd. No.	No.	Other Identi- fication	Year Built	Repaired, Replaced, or	ASME Cod Stamped			
1B RHR M			1	-		110461093		Replacement	(Yes or No			
ORIFICE BOLT	TING	UNKNOWN	N/A	N/A	N/A	1-1001-73	B N/A	REPLACED	NO			
1B RHR M ORIFICE BOLT	FLANGE	UNKNOWN	N/A	N/A	N/A	1-10 3	B N/A	REPLACE- MENT	NO			
7. Descriptio	a of Work R	EPLACED FLANGE	BOLTING LD	Œ FOR	LIKE.							
8. Tests Cond	ducted: Hy	drostatic [ ]	Pnoumetic [	3	1.7				***************************************			
	Pre	esure _2.70 pei	Test Temp.		P. No	minal Opera	ting Pressu	are [X] Od	ber [ ]			
9. Remarks	APPLICA	BLE MANUFACTUR				LE AT QC	OPS.					
	A STATE OF THE PARTY OF THE PAR	C	ERTIFICATE	OF CO	MPT TAI	VCD.	The second second	THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAME				
ASME Code.	at the stateme	mts made in this report	are correct an	d this		ACEMENT	confo	rms to Section )	CT of the			
THE COURT	0	/										
Signed	7	1 tout be	Main	4. 5.	14 14	L ATE		1 12.	011			
	(Owners of	OWNERS DESKNEE)	-		Tir	MINISTER WAS A PROPERTY OF THE PERSON OF THE	Director and the same	1-13-	Manage of the later of the late			
		CE	RTIFICATE O	F INSP	ECTIO	V		THE RESIDENCE OF THE PARTY OF T	(DATE)			
T the												
and the State	gred, holding of Illinois, em	a valid commission iss sployed by Hartford St sed in this Report on	used by the Nat earn Boiler Ins	ional Bo pection	ard of l & Lasur	Boiler and I ance Co. of	ressure V	ensel Inspectors CT have inspec	ted the			
repair or peak	BOTTOM BOOK	sed in this Report on	1-14-94 8	nd state	that to	the best of a	my kmowle	dge and belief.	this			
neither the ins	spector por bis	t ominhower makes and	or courses with 20	ection X	1 of the	ASME Cod	e. By sign	ing this certifics	ite,			
minary or pros	erty damage	wthermore, meither the	rising from or	onnecte	oyer shed with t	all be liable his inspecti	in any ma on.	unner for any pe	ersonal			
Date /- 14		Jordon Boshing	3-	***************************************		missions I						
THE STREET STREET, STR	Marie and the state of the stat	(INSPECTO	OR.)			(STAT	E OR PROV	DICE TROMAT	BOARD			

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

1. Owner Commonwealth Edison 72 W. Adams, Chicago, IL 60690					Date 12/4/93 Sheet 1 of 1						
		Nuclear Power Station Ave. North, Cordova,	II 61242	Unit 1							
		A STATE OF THE PARTY OF THE PAR	or to the same of								
3. Work Perf	ormed by	Quad Cities Nuclear St	ation				WR	V Q02794			
_	22/10 206th	Ave. North, Cordova,	IL 61242					CONTRACTOR OF STREET			
4. Identificati		AND THE PERSON OF THE PERSON O									
5. (a) Applica	ble Construc	tion Code USAS B3	1.1 / 1967	E	dition	CONTRACTOR DESCRIPTION OF THE PROPERTY OF THE PARTY OF TH	ddenda,	Code Cases			
(o) Applica	mie Edition (	of Section XI Utilized for	or Repairs or Re	placeme	nts19	89 Adden	da, Cod	Cases	-		
6. Identification	on of Compo	ments Repaired or Repli	sced, and Replac	ement C	omnone	nts					
Name	10	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	ASME Cod		
Compos	nent	Mfr.	No.	Bd.	No.	Identi-	Built	Replaced, or	Stamped		
1B RHR MIN	FLOW	THE RESERVE OF THE PARTY OF THE	-	No.		fication		Replacement	(Yes or No		
ORIFICE FI	LANGE NG	UNKNOWN	N/A	N/A	N/A	1-1001-73C	N/A	REPLACED	NO		
1B RHR MIN ORIFICE FI BOLTII	LANGE	UNKNOWN	N/A	N/A	N/A	1-1001-73C	N/A	REPLACE- MENT	NO		
7. Description 8. Tests Condus 9. Remarks	cted: Hye	DEPLACED FLANGE  drostatic [ ]  serire 270 per  BLE MANUFACTUR	Protumatic [ Test Temp.	7.5	No F.	minal Operation		re (X) Od	ner [ ]		
The second second second	Marketon Department of the Parketon	Contract of the Contract of th	ERTIFICATE	OF CO	ATTE TAX	L Carriero					
We certify that	the stateme	ests made in this repor	t are correct an	d this		ACEMENT	confo	rms to Section )	7 - 4 - 1		
ASME Code.					CONTRACTOR AND	MANUAL DESCRIPTION OF SPRINGER AS THE PERSON	COMMO	LINE NO PROCESOR! Y	LI of the		
Signed	(OWNER OF	OWNERS DESIGNEEN	2 M	bint	AN TO ANY THE PARTY OF T	THE STATE OF THE PERSON WHEN A STREET ALTO SHALL	-	1-13	3-94		
	and the same of the same of the same	A THE RESIDENCE AND PARTY OF THE PARTY OF TH	RTIFICATE O	F INCE	Tr	LE	THE SHOP A SHOW A	ayre and one or transport towns or	(DATE)		
REPLACEMENT repair or replace neither the imap scribed in this ajury or proper	NT describ terment has b octor nor his s Report. Fu rty damage	a valid commission is aployed by Hardord S and in this Report on seen constructed in acc amployer makes any arthermore, meither th or a loss of any kind a	team Boiler Ins /-//-9# a cordance with S warranty, expe	pection and state ection X	and of last that to	Boller and Fre ance Ca. of Hi the best of my ASME Code. d, concerning (	artford, knowle By signi the repa	CT have inspecting this certification	this te,		
Date /- 14-9	y Does	lan Bosley				missions ZL					
The same of the sa	The state of the s	(INSPECT	OR)		_ Consta	WHILE HE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF	PERSONAL PROPERTY.	INCE. NATIONAL	BOARD)		

### FURM NIS-2 UWNERS REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

1. Owner	72 W. Adam	alth Edison ns, Chicago, IL 60690	-	Date 12/4/93 Sheet 1 of 1					
. Plant		tuad Cities Nuclear Power Station 2710 206th Ave. North, Cordova, IL 61242					Uni		_
	22/10 206th	Ave. North, Cordova,	IL 61242						
3. Work Pe	rformed by	Quad Cities Nuclear S	tation				WR		
	22710 206th	Ave. North, Cordova,	IL 61242				WK	Q02795	
4. Identifica	stion of System	DESTRUAR FROM	T. D. D. CO. L. L.						
4. 2000001100	stron or system	RESIDUAL HEA	TREMOVAL	Participant September 1					THE R MANIE AND LOSS OF THE PARTY AND
5. (a) Appli	cable Construc	ction Code USAS B3	1.1 / 1967	E	dition	N/A A	ddenda	Code Cases	
(b) Appli	icable Edition	of Section XI Utilized f	or Repairs or Re	pluceme	nts- 19	89 Adden	da, Cod	Cases	CP (CHICAGO CONTO)
6. Identifica	tion of Compo	ments Repaired or Repl							Account to the second
Nam	e of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	T 8/		production and depression of
Comp	opent	Mfr.	No.	Bd.	No.	Ideati-	Year Built	Repaired, Replaced, or	ASME Cod
				No.		fication	Duck	Replacement	(Yes or No
1B RHR M ORIFICE						-			(1 es or 140
BOLT	The control of the co	UNKNOWN	N/A	N/A	N/A	1-1001-73D	N/A	REPLACED	NO
1B RHR M			-	-					
ORIFICE	FLANGE	UNKNOWN	N/A	N/A	N/A	1-1001-73D	N/A	REPLACE-	
BOLT	ING					1-1001-130	INA	MENT	NO
							1		
					-			***************************************	-
1									
Descriptio     Tests Cons     Remarks	ducted: Hy	drostatic [ ]  matter _ 2.70 pm  REF MANUTEACTURE	Pasumatic [ Test Temp.	1	No F.	ominal Operatin		ure [X] Oc	ber [ ]
	THE PARTY	BLE MANUFACTU	KERS DATA RI	EPORT	ON FI	LE AT QCNP	<u>s.</u>		****
		The second secon		E MANAGEMENT AND ADDRESS OF THE PARTY OF THE	-	THE REAL PROPERTY AND ADDRESS OF THE PARTY O			The state of the s
W de d		(	ERTIFICATE	OF CO	MPLIA	NCE .	печниниетр	STATE SHAPE SHAPE SHAPE SHAPE SHAPE	APPROXIMATE AND ADDRESS OF THE PARTY OF
ASME Code	at the stateme	ents made in the repor	rt are correct as	ad this		LACEMENT	confo	rms to Section 2	CI of the
ASME COOK								and in plantage of	
Signed	M	For 6	Maint	54	A			1 10	011
	(OWNER OF	ROWNERS DESIGNEE)	10127		10000	LE	***************************************	1-13	NAMES OF A PERSON OF THE PARTY
		C	ERTIFICATE (	F INSP			MANAGER PROPERTY OF	THE LOUIS NAMED OF THE OWNER, AND THE OWNER, AND THE OWNER, AND	(DATE)
L, the undersi	gned, holding	a valid commission is	sued by the Na	tional B	oard of	Boiler and Pre	ssure V	essel Inspectors	
	state washingtone ditte	CLEANURY FROM SAVE BUILDINGS TO COMPANY OF	MERROCHSTS DISLIPAD SLOWER B WALL	Manager of the same	Mr. Branches en			ATTACABLE A	The Control of the Co
repair or repl	acement has b	seen constructed in se	coordenan with S	DARES DOLL	that to	the best of my	kmowke	dge and belief,	this
and the property of the same with the same	CARLACTURE STRIPTED WITH	SO ACMINISTRANCE ALARM. BARYON BETWEEN THE REAL	THE PROPERTY AND ADDRESS OF THE PARTY AND ADDR	menon and an	to America and R.C. or				
management from the	names was reflected for E. A.	HAN PURENCE DANIELES. ET. ERREGERBRE. ER	NO EXMENSION WITH	Board andreas	showan at			noner for any a	erronal
ruftery or proj		on or series on sent and series to	arising from or	connect	ed with	this inspection		not any p	a sould
Dete /- 14	94 day	Son Boslaga				missions 74			
-	Marie Control of the	(INSPEC	TOR)	THE STATE OF THE S	Com	ARTHUR PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN 1975	PERSONAL PROPERTY AND PROPERTY	14	
	THE PERSON NAMED IN COLUMN	THE RESIDENCE OF THE PROPERTY	MINISTER STATE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON N	NATIONAL DANGERS	NAME OF THE OWNER, WHEN PERSON ASSESSED.	(STATE)	JE PROV	THEE, NATIONAL	L BOARD)

### FUKNI NIS-2 UWNERS REPURT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

1. Owner						A THE RESIDENCE OF THE PROPERTY OF THE PARTY	THE PERSON NAMED IN	While the transport of the state of the stat	THE NAME AND ADDRESS OF THE PARTY OF THE PAR		
1. Owner Commonwealth Edison 72 W. Adams, Chicago, IL 60690					Date 2/12/93						
	12 W. Adan	ns, Chicago, IL 6069	0	Sheet 1 of 1							
lant	Quad Cities	Nuclear Power Station							MC AND ACCOUNT.		
	22710 206th	Ave. North, Cordovi	a. IL 61242				Un	it			
2 11/2 1 2											
J. Work Pe	rformed by	Quad Cities Nuclear	Station				WR	W 098144			
	22710 206th	Ave. North, Cordova	, IL 61242	· 			***	Q85144			
4. Identifica	tion of System	RESIDUAL HE	AT REMOVAL								
5. (a) Applie	able Construc	tion Code USAS B			and the same of th	The second second second second		THE RESERVE THE PERSON NAMED IN TAXABLE PARTY.	-		
(b) Applic	cable Edition o	f Section XI Utilized	51.1 / 1967	I	Edition	N/A	Addenda,	Code Cases			
		f Section XI Utilized	for Repairs of Ri	eplaceme	nts- 1980	0. W'80 A	ddenda, C	Code Cases N	808		
0. Identificat	ion of Compor	nents Repaired or Rep	laced, and Repla	cement (	OFFICE	mte					
	- 01	Name of	Mfrs. Ser.	Nat'l	CRN	Other	T v		_		
Compo	onent	Mfr.	No.	Bd.	No.	Identi-	Year Built	Repaired,	ASME Co		
RHR SE	EVICE			No.		fication	areas.	Replaced, or Replacement	Stamped		
WATER	VENSE	CRANE					1	- Company Company	(Yes or No		
FLOW V	ALVE	CRAINE	N/A	N/A	N/A	1-1001-	N/A	REPAIRED	NO		
RHR SER	VICE	THE RESERVE THE PARTY OF THE PA	-	-		186A	-				
WATER RE	VE DISC	CRANE	N/A	N/A	N/A	1-1001-	N/A	REPAIRED	NO		
		Commence of the Commence of th	The same of the sa			186A	-	-			
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		ELD REPAIRED VA	ILVE DISC	-							
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	Press	ure 262 pei	Pneumatic [		Non	ninal Operation	g Pressu	re [] Oth	er [X]		
			Test Temp. A		× ×			VT.			
Remarks	APPLICAB	LE MANUFACTUR	ERS DATA RE	POPTS	ON PW			To the second second second	-		
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e corrify that	the state	C	ERTIFICATE (	OF COM	TPE TANK	CP	PROFESSION SE PANCE		T-K TORROWS		
SME Code.	the statement	s made in this repor	t are correct and	d this	REPAI	R	·				
					THE RESIDENCE OF THE PARTY OF T	MANAGEMENT AND PROPERTY OF THE PARTY OF THE	COOM OUT	ms to Section X	of the		
gned	VR:	for 1		LA.		100					
	OWNER OR O	WHERS DESIGNER	WELFAREN SOUTH CONTRACTOR OF THE PARTY CONTRACTOR OF T	Main	+ >	+24+		3-3.9	3		
	A SHALLOW PROPERTY OF STREET AND ADDRESS OF STREET AND ADDRESS OF STREET	THE PARTY NAMED AND POST OF TH	DATES A MARIE OF	COURSE DECISION OF STREET	TITLE		NOTE STANDARD CONT. LONG. B.	***************************************	(DATE)		
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d the State of	Illinois, empl	valid commission isso oyed by Hartford So in this Report on	earn Roiler Inch	onal Boa	ard of Bo	oiler and Pres	sure Ves	sel Inspectors	- 1		
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bed in this											
Cases one been	MARKEDON'S RESERVED	BURNING COURSE TAR A			man garacore stebus	AND SELECTION OF S	ne repair	or replacement			
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e 3-5-93	Olan V	n 130le									
	Contraction of the last of the	18			Commis	ssions 2197	7/ NI	3. En ing			
-	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	(IVSPECTO	R)	William Co.		(STATE OF	PROVIN	CE. NATIONAL P			
					THE RESERVE AND ADDRESS OF	AND THE PERSON NAMED IN COLUMN	v were A ThA	WE TAIRINAL R	(CAPP)		

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

1. Owner Commonwealth Edison 72 W. Adams, Chicago, IL 60690					Date 2/25/93						
		ins. Chinago, IL 00090		Sheet 1 of 1							
2. Plant		Nuclear Power Station					Uni	1 1			
	22710 2068					ATTENDED TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLU					
3. Work Pe	erformed by	Quad Cities Nuclear S	tation								
		h Ave. North, Cordova,					WK	# Q01111			
			THE CONTRACT OF VANCOUS AND A SALE								
4. Identifica	ation of Syste	CONTROL ROD	DRIVE			THE RESIDENCE AND THE LOCAL PROPERTY.	M. Tarrier & Total State of St				
5. (a) Appli	icable Constru	ection Code ASME SE	C III CT 1 / 192	11	Edia	ioa, S'73		1-1-0-1-0			
(b) Appli	icable Edition	of Section XI Utilized	for Repairs or Re	placeme	nts- 1980.	W'80 Ad	Idenda C	denda, Code Cas	08 1361-2		
								Alcheen	Marianani.		
Van	ne of	onents Repaired or Repl Name of	Mfrs. Ser.		A continue of the same of the	CHARLE AND EXPENSION NAMED AND ADDRESS OF THE PARTY OF TH			Que no constitue de la constit		
	onent	Mfr.	No.	Nat'l Bd.	No.	Other Identi-	Year	Repaired,	ASME		
				No.	1.0.	fication	Dun	Replaced, or Replacement	Code Stamped		
CONT	TOG	O TO DOWN		-					(Yes or No)		
RO		GENERAL ELECTRIC	222						AND ANY ADDRESS OF THE PARTY OF		
DRI		CO.	222	N/A	N/A	N/A	1968	REPLACED	YES		
CONT		GENERAL		-		With the same of the same and	-		Programmes on the source however		
RO		ELECTRIC	9146	N/A	N/A	N/A	1991	REPLACE-	YES		
DRI	VE	<u>CO.</u>						MENT			
								1 2 4 1			
						THE PARTY NAMED IN COLUMN ASSOCIATION ASSO			THE REAL PROPERTY OF THE PERSON OF THE PERSO		
The second secon		AND THE RESIDENCE OF THE PARTY				-			-		
7. Descriptio	n of Work	REPLACED CONTRO	OL ROD DRIVE	LIKE	FOR LIK	Œ.					
8. Tests Conc	436	Water Control of the				CONTRACTOR OF STREET,		HE WASTER THE REAL PROPERTY OF THE PARTY OF	A STATE OF THE PARTY OF THE PAR		
. I cata Com		ydrostatic [X] ressure1110 pei	Proumatic [		Nos	ninal Operati	ng Pressu	tre [ ] Ot	ber [ ]		
		per	Test Temp. 2	00 F							
. Remarks	APPLIC	ABLE MANUFACTU	RERS DATA RI	EPORTS	ON FIL	E AT OCN	29				
			Parameter and the second secon	NORTHWEST AND PARTY AND PARTY.	Control of the Party of the Par			The state of the s	THE OWNER OF THE OWNER WHEN PERSONNEL		
MANUFACTURE OF THE PARTY OF THE	THE THE PARTY OF T			Anna minusara					William M. and the Delay of the State of the		
Ve certify th	at the statem	ents made in this repo	CERTIFICATE	OF CO		Contraction of the Contraction o		The second secon	And the second of the second of the second		
SME Code.		comme an exam repla	IT MAE COLLECT WE	NG UNAS	REPL	ACEMENT	confe	rems to Section 1	CI of the		
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THE RESIDENCE OF THE PERSON OF	COWNER	R OWNERS DESIGNEE)	THE OWNER WATER AND ADDRESS OF THE PARTY OF		Tm			The state of the s	(DATE)		
		a	ERTIFICATE (	)F INSP	ECTION			The second secon	1		
the undersi	gned, holdin	g a valid commission is	second by the No.	tional R	oand of B	lailer and B.	97				
manner and contraction	ALC WILLDSANDERSON BUT	BANGARIA VIRALI BIV ENJEREEN STATETA	ACADINATION SELEVADADAD SUMA	White order a revenue	A manner of	# WY A	APPROXICE OF				
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The second second	millious management and the	NOTE: THE PROPERTY OF THE PROP	TO SECURE OF THE PERSON ASSESSMENT ASSESSMEN	Contraction and and	m Annua and Million of the	the same of the sa	48				
jury or prop	perty damage	urthermore, meither the	arising from or	coomect.	mbyer site	us de kabbe i	m any ma	smar for any po	ersonal		
nte 3-5-	92 91	2 30	, Jon 56	- or comment of the	WHEE 68	on majorcusti	•				
3.7.	13 Bord	con Joseph	THE RESIDENCE OF THE PARTY OF T		Commen	imices IL	971	NB 8038			
THE RESERVE AND ADDRESS OF THE PARTY.	MACANINE SHIP SHIP CONTROL OF THE PERSON OF	TINSPEC	ror)		Arrient antonomia managemen	(STATE		INCE, NATIONAL	BOARD)		

#### FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI Commonwealth Edison 72 W. Adams, Chicago, IL 60690 Ouad Cities Nuclear Power Station Unit 22710 206th Ave. North, Cordova, IL, 61242 3. Work Performed by Quad Cities Nuclear Station WR# Q01101 22710 206th Ave. North, Cordova, IL 61242 4. Identification of System CONTROL ROD DRIVE 5. (a) Applicable Construction Code ASME SEC III CL1 / 1971 Edition, S '73 Addenda, Code Cases 1361-2 (b) Applicable Edition of S tion XI Utilized for Repairs or Replacements- 1980, W'80 Addends, Code Cases N308 6. Identification of Components Repaired or Replaced, and Replacement Components Name of Name of Mfrs. Ser. Nat'l CRN Other Year Repaired. ASME Component Mfr. No. Bd. No. Identi-Built Replaced, or Code No. fication Replacement Stamped (Yes or No) CONTROL GENERAL ROD ELECTRIC 445 N/A N/A N/A 1968 REPLACED YES DRIVE CO. CONTROL GENERAL ROD ELECTRIC A9153 NIA N/A N/A 1991 REPLACE-YES DRIVE CO. MENT Description of Work REPLACED CONTROL ROD DRIVE LIKE FOR LIKE.

1. Owner

2. Plant

8. Tests Condi	ucted:	Hydrostatic [X] Pressure	Pneumatic [ ] Test Temp. 200 F	Nominal Operating	Pressure	[]	Other	[	]
9. Remarks	APP	LICABLE MANUFACTUR	RERS DATA REPOR	TS ON FILE AT OCNES			AND ADDRESS OF A STREET		
THE RESERVE AND ADDRESS OF THE PARTY OF THE					1	-	THE RESERVE THE PERSON NAMED AND PARTY.	****	
		(	CERTIFICATE OF C	OMPLIANCE	A SHARAS SANDON STREET	MARIN CLUSTER MARKET	THE RESIDENCE OF THE REAL PROPERTY.	NAME OF STREET	STATE OF STREET
We certify the ASME Code.	it the sta	stements made in this repor	rt are correct and this	REPLACEMENT	conform	s to Sec	tion XI o	l th	e
Signed	9	NEON &	Maint	Staff	3-4-93				
	(OWN	ER OR OWNERS DESIGNEE)		TITLE	THE PERSON NAMED AND POST OFFICE ADDRESS OF THE PERSON NAMED AND POST OF T	THE REAL PROPERTY.	(	DA'	PTE /
de de la constant		C	ERTIFICATE OF INS	SPECTION	NA CONTRACTOR NAME AND ADDRESS.	NEWWORLDAY AN	are measurement and	pourments pro s.c.	
I, the undersig	med, ho	iding a valid commission is	ared by the National	Board of Boiler and Pres	mare Vene	el Inape	ectors		

and the State of Illinois, employed by Hartford Steam Boiler Inspection Agency of Hartford, CT have inspected the REPLACEMENT described in this Report on 3-5-93 and state that to the best of my knowledge and belief, this ry or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, numer 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 hable in any masser for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3-5-93 Commissions IL 971, NB 8088 (INSPECTOR) (STATE OF PROVINCE, NATIONAL BOARD)

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

					THE RESERVE CORP. SERVED CORP.	Carlo de la constante de la co	ALCOHOLD HE HAVE STOLEN	Company of the Compan	Service Company of the Company of th		
1. Owner	Commonw	ealth Edison	or waterstanding				Das	e 2/25/93			
	72 W. Ada	ms, Chicago, IL 60690	-	Sheet 1 of 1							
2. Plant	O	Musley Barre Cont									
2. Finali		Nuclear Power Station h Ave. North, Cordova,	11 61242				Uni	1			
		Troi troi de, Cordova,	LL VILTE								
3. Work Pe		Quad Cities Nuclear S					WR	/ Q01087			
	22710 206t	h Ave. North, Cordova,	IL 61242					***************************************			
4. Identifica	ation of System	m _CONTROL ROD	DRIVE								
		CONTROL ROD	DREVE	Maria de la Compania	THE RESERVE TO SERVE THE PARTY OF THE PARTY			****			
5. (a) Appli	cable Constru	ction Code _ASME SE	C III CL1 / 197	1	Edit	tion, S'73	Ad	denda, Code Cas	es 1361-2		
(b) Appli	icable Edition	of Section XI Utilized f	or Repairs or Re	placeme	nts- 1980	W'80 Ad	denda, C	ode Cases N3	08		
6. Identifica	ttion of Comp	onents Repaired or Repl	uced and Renla		`amnan						
Nam	ne of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	46365		
Comp	onent	Mfr.	No.	Bd.	No.	Identi-	Built	Replaced, or	ASME Code		
				No.		fication		Replacement	Stamped		
CONT	POL	GENERAL		-					(Yes or No)		
RC		ELECTRIC	399	N/A	N/A	2714					
DRI	VE	CO.	333	IN/A	N/A	N/A	1968	REPLACED	YES		
CONT		GENERAL				White the second sections in the second	1				
RC DRI		ELECTRIC	A9132	N/A	N/A	N/A	1991	REPLACE-	YES		
L/RJ	V E	<u>CO.</u>		-			-	MENT			
								Co., ter.			
-								4 14 14 1			
								THE RESERVE THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAMED I			
,	THE THE PERSON NAMED IN COLUMN 2					ACTION ASSESSMENT OF THE PARTY					
<ol> <li>Descriptio</li> </ol>	a of Work	REPLACED CONTRO	L ROD DRIVE	LIKE	FOR LIN	Œ.					
		And the state of t	Annual Company of the	National State of the last of		Account of the second of the second of the second of		Mark or and Art. or an art of the			
8. Tests Cond		ydrostatic [X]	Pneumatic [		Nos	minal Operati	ng Promu	are [ ] Od	ber [ ]		
	ri	essure	Test Temp. 2	200 F							
Remarks	APPLIC	ABLE MANUFACTUR	RERS DATA RI	EPORTS	ON FIT	E AT OCM	DC .				
		CALIFORNIA SERVICIONE SERVICIONE SERVICIONE SERVICIONA	CONTROL OF CASE OF A STATE OF THE STATE OF T	PART CORC II S	ONTE	E AI VENI	13		FOCHS SHARE THE POST OF THE PARTY OF THE PAR		
	Parameter and the second	THE STREET STREET, STR			******************	The state of the s			No Administration in the second		
Ne coetifu th	at the statem	amba mada in shi	CERTIFICATE	OF CO			March March March March March				
SME Code.	ME CAME DESIGNATION	ents made in this repo	rt are correct as	ed this	REPL	ACEMENT	_ confo	rms to Section 3	I of the		
	0 -	- 11									
igned	TUC	or la		Join	+ 5	54.		3-4.	93		
THE PERSON NAMED IN COLUMN	OWNER	M OWNERS DESIGNEE)			Tm	£		The same of the sa	(DATE)		
		CI	ERTIFICATE (	F INSP	ECTION	(	NATIONAL STREET, ST	Server School of Colonia (A) Salver Francisco	( DATE)		
the undersi	aned boldin	e s valid commission i									
nd the State	of Illinois, e	g a valid commission is mployed by Hartford S ibed in this Report on	items Boiles Inc	tional B	card of E	soiler and Pr	essure V	easel Inspectors			
CONTRACTOR OF THE PARTY OF THE	senso o to management	NAPPEND BUT LEADED PORTURED IN CITY		LEGATE SPORTS	a despues on a	Man Branch and arm					
- we sugge	ADDRESS OF TRANSPORT OF TRANSPORT	EMORES CENTRESCOPILICATIONS NO MAY	Programmen march 6.	antina W	T - P - L -	A STREET ATT. A	-				
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The second secon	man in market and the R	WEST POSSESS NOT THE RESIDENCE AND ADDRESS OF THE PARTY O	ME TEMPERADON'S PAR SENSE	BASIN ANDREAS	the second with a	- BE A SI-B- 1		anner for any p	ersonal		
	7	the m money on many stated !	arising from or	commect	ed with t	his impection	<b>L.</b>				
ate 3-5	-93	ylon Bolizan			Comm	nissions IL	97/	MRENER			
Andrews and the second second	Times HV manuscript (1994)	TINSPEC	TOR)	ACLASSIC METAL METALS	_ Coknet			TINCE, NATIONAL	Bourn		
		THE RESERVE OF THE PARTY OF THE	THE RESIDENCE OF THE PARTY OF T	THURSDAY STREET	DESCRIPTION OF THE PARTY OF THE	Total Services Services	THE R. LEWIS T. W.	LAMBOUT IVAIRONS	- DUARDI I		

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

1. Owner Commonwealth Edison 72 W. Adams, Chicago, IL 60690					Date 2/25/93 Sheet 1 of 1						
			ARREST AND A STATE OF THE STATE	CARROLL II I							
2. Plant		s Nuclear Power Station th Ave. North, Cordova,	IL 61242	Unit 1							
	THE STREET STREE	a. (A committee of the thirty of the transmission could be unknown as association and C pages	ACCOUNT MINISTER OF THE PARTY O								
3. Work Pe		Quad Cities Nuclear St th Ave. North, Cordova,					WR	Q01685			
	22/10/2000	in Ave. North, Corgova,	IL 01242								
4. Identifica	ation of Syste	m CONTROL ROD	DRIVE		THE ROOM OF LINES, SAME		The state of the s				
5. (a) Appli	cable Constr	uction Code _ASME SE	C III CL1 / 192	11	Edie	ion, S '73	4.4	dende Cada Ca	1051.0		
(b) Appli	icable Edition	of Section XI Utilized for	or Repairs or Re	placemer	its- 1980	W'80 Ad	denda, C	dends, Code Cas ode Cases N3	08 1.991-2		
							hallania a	**************************************	Hallman, ch.		
Nam	se of	Name of	Mfrs. Ser.	Nat'l	CRN	ANY DESCRIPTION OF STREET STREET, STRE	TV				
	onent	Mfr.	No.	Bd.	No.	Other Identi-	Year Built	Repaired, Replaced, or	ASME Code		
		1		No.		fication		Replacement	Stamped		
CONT	TROI.	GENERAL		-				NO SHARES HAROLING AND ADDRESS.	(Yes or No)		
RO		ELECTRIC	745	N/A	N/A	N/A	1968	REPLACED	1000		
DRI	THE PROPERTY AND PERSONS ASSESSED.	CO.			1177	13/14	1240	METLACED	YES		
CONT	The second second	GENERAL				ACCOUNT OF THE PARTY OF THE PAR	1	A ATT SHEET AND SHEET SHEET SHEET AND ADDRESS OF THE SHEET SHEET SHEET AND ADDRESS OF THE SHEET SHE	CARREST CONTRACTOR CONTRACTOR		
DRI		ELECTRIC CO.	6517	N/A	N/A	N/A	1974	REPLACE- MENT	AEc		
	الماصيف						-	WHITE MAINTINGS OF THE PERSONS ASSESSED.	CONTROL MARCHANIAN THROUGH		
			1.16								
Ties		The state of the s									
	1		14-27				1 1				
THE RESERVE OF THE PARTY OF THE											
7. Descriptio	n of Work	REPLACED CONTRO	L ROD DRIVE	LIKE	FOR LIK	Œ.					
8. Tests Cone		THE COLUMN TWO IS NOT THE OWNER, THE COLUMN TWO IS NOT THE OWNER, THE COLUMN TWO IS NOT THE OWNER, THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE OWNER,		WARDEN SHOW VINE AND SHOW		The second Carlot Considerate States			Resident Control of the Control of t		
o. rests Cond		lydrostatic [X] ressure 1110 psi	Proumatic [		Nos	minal Operation	ng Pross	ure [ ] Oc	ber [ ]		
		ensembability Par	Test Temp.								
9. Remarks	APPLIC	ABLE MANUFACTUR	RERS DATA RI	EPORTS	ON FIL	E AT OCN	PS				
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We certify th	at the states	nents made in this repor	ERTIFICATE	of Co.		ACEMENT	comfo	runs to Section 2	WY - 0 41		
ASME Code.					Control of the Contro	CO CHARLEST BEAL V E	COMMUNICATION OF	THE SU SECTION !	AT OF ERSE		
Signed	0.	1 Fm/ 1			4. 5	100					
	(OWNER	OR OWNERS DESIGNEE)		Main			WAY TAKEN OF COMMAND AND	3-	4-93		
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mines more markets	THE ASSESSMENT OF	employed by Hartford S ribed in this Report on	RESIDENT PLANTING LINE	resumering and	A maman a	A KNOWAR A	PRINCIPLE D.				
to our trades	MARYENY MERCY TRIES	EXPERIENCE CONFESSION VINCONS EN 1840	CE CERTIFICA SAME IN	MARKET T	I all ohn	A COLUMN PO-A-	When miles	5 48 4 4949			
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secure countde sun P	was weekers.F.	L SHLFUNGLANDONAE" EPSEERWAL CE	te imaperior mor	Prog. germa	shower abou	mill has Biable i	-	anner for any p	ersonal		
4-7 m lead	her o's energons	e or a loss of any kind	urising from or	CORRECT	ed with t	his inspection	B.,				
Date 3-5	-93	Dorlan Jack	es-		Comm	nimione IL	971	NB 8088			
-	A STATE OF THE PARTY OF THE PAR	(Inspec	ror)		-			THEE, NATIONAL	L BOARD)		

### FORM NIS-2 OWNERS REPORT OF REPAIR OF REPLACEMENT As Required by the Provisions of ASME Code Section XI

1. Owner Commonwealth Edison							Des	2/2//02		
	CENTRAL PROPERTY AND ADDRESS OF THE PARTY OF	ms, Chicago, IL 60690	WATERWAY THE TOTAL PROPERTY OF TOTAL PROPERTY OF THE TOTAL PROPERT	Date 2/25/93 Sheet 1 of 1						
2. Plant	Ound Cities	s Nuclear Power Station	7						and the same of th	
		h Ave. North, Cordova.	IL 61242				Uni	1 1		
3. Work Pr	erformed by	Quad Cities Nuclear St								
J. WOIL TO		h Ave. North, Cordova,					WR	// Q01096		
			Committee of the second second second second							
4. Identifica	ation of Syste	m CONTROL ROD	DRIVE			ANY DE SIGNATURE DE LINE FORT ALL DAVIS				
5. (a) Appli	icable Constra	action Code ASME SE	C III CL1 / 197	rı	Edie	ion, S'73		dends Code Co	1261.0	
(b) Appl	icable Edition	of Section XI Utilized f	or Repairs or Re	placeme	uts- 1980	W'80 Ad	denda, C	denda, Code Cas ode Cases N3	08 1.561-2	
									Michenned	
Nan	ne of	Name of	Mfrs. Ser.	Nat'l		ACTION AND ADDRESS OF THE PERSON AND	7.27	T	~	
	oonent	Mfr.	No.	Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped	
CONT	Committee of the commit	GENERAL		-		The second second second second	+		(Yes or No)	
RC DRI		ELECTRIC CO.	5534	N/A	N/A	N/A	1974	REPLACED	YES	
CONT	NAME AND ADDRESS OF THE OWNER, WHEN PERSON NAMED IN	GENERAL.	-	-			-		THE RESERVE OF THE PERSON NAMED IN	
DRI		ELECTRIC CO.	555A	N/A	N/A	N/A	1968	REPLACE- MENT	YES	
									AND STREET, ST	
	Sell Life									
	THE PARTY OF THE P		-						AND ROOM OF THE PARTY OF THE PA	
7. Descriptio	on of Work	REPLACED CONTRO	L ROD DRIVE	LIKE	FOR LIK	Œ.				
8. Tests Con	ducted: H	ydrostatic [X]	De avenatio f	3				CONTRACTOR OF THE PARTY OF THE		
		ressure 1110 psi	Pneumatic [ Test Temp. 2		Not	ninal Operation	ng Proces	are [ ] Oat	per [ ]	
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No somit st		(	ERTIFICATE	OF CO	MPLIAN	CE	**************************************	The state of the s	and the second s	
SME Code	ant the statem	sents made in this repor	rt are correct as	nd this	REPL	ACEMENT	_ conto	rus to Section 3	CI of the	
	2	- 10				~				
irgned	-	tools		Ma	+ 54	7+		3-4.9	73	
OF CASHAGAN STREET, ST	(OWNER)	OR OWNERS DESIGNEE)			Tm	E	THE PROPERTY OF PERSONS		(DATE)	
		CI	ERTIFICATE (	)F INSP	ECTION	1		And the second of the second o	neuconite contamination as	
the undersi	igned, koldin	g a valid commission is	sund by the Na	tional Be	pard of R	loiler and Po	an mann W	and Immedia		
ment domination	me wassendings &	RANGORALI VIERA ESTV. STABLETCI OGNEL N	ALGORISANOS DELONALLANOS BURNA	TOTAL PROPERTY.	& mamma a	P EX	A TOPOL B			
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ments made	militarian marker &	been constructed in acr as employer makes any	MANUAL PROPERTY AND ADDRESS.	PROPERTY AND	a married to the second		48			
	comments transferrence from the	C STATE STATES AND ASSESSED ASSESSED ASSESSED ASSESSED. B. D.S.	AN RESIDENCE PROPERTY STATES	Black more or	Annes alexander	- 20 B - BI - B B - I		w or replaceme lower for nev r	ersonal	
		e or a loss of any kind a	crising from or	CORDSCL	ed with the	his inspection	L .	and by		
ate 3-5-	93	rolon O. Booley			Comm	issions 21	971	NA SACE		
STATE OF STREET STREET,		(INSPECT	roe)					INCE, NATIONAL	BOARD)	
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1. Owner	72 W. Adam	alth Edison ns, Chicago, IL 60690					Dat	WHITE HAS NOT THE REST OF THE	
2. Plant	Quad Cities	Nuclear Power Station Ave. North, Cordova,	IL 61242				Uni	-	
3. Work Po	erformed by	Quad Cities Nuclear St	ation				WR	/ Q01086	
	ation of System	Ave. North, Cordova,	DRIVE				er tansife novembre di spin sommere.		
(b) Appl	icable Edition	of Section XI Utilized for	or Repairs or Re	placeme	nts- 1980	W'80 Ad	denda, C	denda, Code Cas code CasesN3	08 <u>1361-2</u>
Nazi	ation of Compone of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stazzped
CONT RC DRI	DD IVE	GENERAL ELECTRIC CO.	391	N/A	N/A	N/A	1968	REPLACED	(Yes or No)
CONT RC DRI	OD	GENERAL ELECTRIC CO.	1065	N/A	N/A	N/A	1969	REPLACE- MENT	YES
	4000	REPLACED CONTRO	L ROD DRIVE	LIKE	FOR LIB	OE.			
3. Tests Con		rdrostatic [X]	Pneumetic [ Test Temp.		Nos	minal Operati	ng Press.	are [ ] Oc	per [ ]
. Remarks	APPLICA	ABLE MANUFACTUR	RERS DATA RI	EPORT	ON FIL	E AT QCNI	<u>PS</u>		
Ve certify th	ant the statem	ents made in this repor	CERTIFICATE	OF CO		ICE ACEMENT	confo	rest to Section )	KI of the
igned	10WNER O	FOUNDERS DESIGNEE)	Main	ut.	THE REAL PROPERTY AND PERSONS ASSESSED.	THE REPORT OF THE PARTY OF THE		3-4.	.93
	Geographic Processing States	CONTRACTOR OF THE PERSON NAMED AND PARTY OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAMED IN CO	ERTIFICATE (	OF INSP	ECTION				(DATE)
EPLACEM	ENT descri	g a valid commission is aployed by Hartford S ibed in this Report on	2-24-92 PORTER LETE	spection	Agency o	of Hartford,	CT heve	inspected the	
ner the in	spector nor h this Report. F	is employer makes any writermore, neither th	warranty, exp	ressed o	Cl of the	ASME Code	. By sign the repe	ing this certific	ste,
ate 3-5	7	In Boley	ersing from or	commect	ed with t	his inspection	R.	NB 8088	
THE STATE OF THE STATE OF THE STATE OF	The second secon	(INSPEC	roa)			(STATE	OR PROV	TINCE, NATIONAL	L BOARD)

1. Owner	Commonu	ealth Edison							
1. Crimata		ms, Chicago, IL 60690	ANTHORN WALLESTON				Det	et 1 of 1	
2 Dieni	0.10							OI	-
2. Plant		s Nuclear Power Station th Ave. North, Cordova,					Uni	1	
	STATE OF THE PARTY	an Ave. North, Cordova,	IL 01242						
3. Work Pr	erformed by	Quad Cities Nuclear S	tation				WD	/ Q01092	
	22710 2066	h Ave. North, Cordova,	IL 61242				***	Ve1632	
4 Identifica		001 FFF 01							
*. IOGBUTIC	auon of Syste	CONTROL ROD	DRIVE	THE REST OF SHIP SHIP SHIP SHIP SHIP SHIP SHIP SHIP		Control of the last of the las			
5. (a) Appl	icable Constn	uction Code ASME SE	C III CL1 / 199	71	Edie	tion, S'73			
(b) Appl	icable Edition	of Section XI Utilized	for Repairs or Re	placeme	nts- 1980	W'80 Ad	Idende C	denda, Code Car	1361-2
								Cares	Manual.
o. identifica	ne of	ponents Repaired or Repl					Name of Street or other Designation of the Street o		
	ponent	Name of Mfr.	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	ASME
		PALSE.	No.	Bd.	No.	Identi- fication	Built	Replaced, or	Code
-			A Contract	140.		1 scattod)		Replacement	Stamped
	TROL	GENERAL		1		THE RESERVE AND ADDRESS OF TAXABLE	1	-	(Yes or No
DRI		ELECTRIC	535A	N/A	N/A	N/A	1968	REPLACED	YES
CONT	PARTICIPATION OF THE PROPERTY OF THE PARTICIPATION	CO. GENERAL	-	-					
RC		ELECTRIC	5867	N/A	N/A	BILLA			
DRI	IVE	CO.		14/12	14/15	N/A	1974	REPLACE- MENT	YES
						THE STATE OF THE S	1	IVAEAT E	
									14. 100
-	-	A AND DESCRIPTION OF THE PARTY							
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A. 111.10-11.0-11.0-11.0-11.0-11.0-11.0-1									
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. Descripcio	m or work	REPLACED CONTRO	L ROD DRIVE	LIKE	FOR LIK	Œ.			
. Tests Cope	ducted: H	ydrostatic [X]	Preumatic [	1	5.7				
		ressure 1110 psi	Tost Temp. 2		Nos	ninal Operation	ng Pressu	ere [] Ot	her [ ]
. Remarks	APPLIC	ABLE MANUFACTUE	RERS DATA RI	EPORTS	ON FIL	E AT QCNE	S		
	**************	THE REAL PROPERTY AND PROPERTY OF THE PARTY				The same of the same of	-	THE RESERVE OF THE PARTY OF THE	THE RESERVE OF THE PERSON
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Ve certify th	at the statem	ents made in this repor	ERTIFICATE	OF CO					AND AND AND ASSESSMENT OF THE ABOUT
SME Code.		· ·	r en e con sect Wa	NGI ELMEN	KEPL	ACEMENT	confic	runs to Section 3	C of the
	DIT	- //		-1	CC				
igned	7/1	order	Maint.	5+;	++			3.4.	93
A STREET, STRE	/ (OWNER (	OR OWNERS DESIGNEE)	AND DESCRIPTION OF THE PARTY OF		Tim			THE STREET, SHIP SHIP SHIP SHIP SHIP SHIP SHIP SHIP	(DATE)
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the undersi	gned, boldin	g a valid commission is	smand has the blac	danel 10					
AND DESCRIPTION OF THE PERSON	THE PARTY OF THE P	PROPERTY RANGE ELEMENT BYLANDENGER & CARD		STATE AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IN	Donne de de	Ann Brand - P			464-
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								ammer for any po	arroma!
	-	or a loss of any kind a	Manual Louis of	commecte	ed with th	his impection			
3-5	-93 De	John Wooley	-		Comme	issions 21	97/	MRENER	
		(INSPECT	roe)	-	· Contraction	(STATE	OR PROV	INCE, NATIONAL	BOARD
		The state of the s	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE OW	THE RESERVOIS ASSESSMENT AND ADDRESS.	PARTY NAMED IN COLUMN 2 IN COL	THE REAL PROPERTY.	THE R STATE OF	The state of the s	O APPLICATION 1

1. Owne	CAST MATRICINATION OF THE STATE	wealth Edison ams, Chicago, IL 60690					Date	ACCUPANT OF A SECOND OF THE SECOND OF THE PARTY.	
2. Plant	Quad Citie	es Nuclear Power Station					Uni		_
	22710 206	oth Ave. North, Cordova,	IL 61242					Mill Committee and the Committee of the	
3. Work	Performed by	Quad Cities Nuclear St	ation				11.70		
		th Ave. North, Cordova,	MINTENNESS NUMBER AND AND ADDRESS OF THE PROPERTY OF THE PROPE				WRU	/ Q01108	
4. Identi	fication of Syst	em CONTROL ROD	DRIVE	Surrected Subsequence	-	NE CONTRACTOR DE LA CON	V		
5. (a) Ap	plicable Const	ruction Code ASME SE	C III CL1 / 197	1	Edit	ion. S '73	Ad	denda, Code Cas	1361.2
(b) Ap	oplicable Editio	o of Section XI Utilized f	or Repairs or Re	placeme	nts- 1980	W'80 Ad	denda, C	ode Cases N3	08
6. Identif	fication of Com	ponents Repaired or Repl	and and Roules						
N	ame of	Name of	Mfrz. Ser.	Nat'l	CRN	Other	Yen	Repaired,	ACLE
	mponen!	Mfr.	No.	Bd. No.	No.	Identi- fication	Built	Replacement	ASME Code Stamped (Yes or No)
	NTROL ROD PRIVE	GENERAL ELECTRIC CO.	503	N/A	N/A	N/A	1968	REPLACED	YES
CO	NTROL	GENERAL		-	-	METANA POR E ANNO ESPANO ESPACIONE	+		
	ROD	ELECTRIC CO.	1940	N/A	N/A	N/A	1970	REFLACE- MENT	YES
				E					
-	Market Statement Statement	100000000000000000000000000000000000000							
									CONTRACTOR SOLD MANAGES
THE RESERVE AND ADDRESS OF THE PARTY AND ADDRE									
. Descrip	otion of Work	REPLACED CONTRO	L ROD DRIVE	LIKE	FOR LIB	Œ.			
Tests C	onducted:	Hydrostatic [X]	Drawnskin (						
		Pressure1110 psi	Presumatic [ Test Temp.		Nos	minal Operati	ng Press	are [ ] Ot	ber [ ]
. Remark	A 20100 T								
. Remark	APPLI	CABLE MANUFACTU	RERS DATA RI	EPORT	ON FEE	E AT OCN	PS		
Million Market Andrews	PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS	The state of the s		THE REAL PROPERTY.	Market Street Street or Street	THE PERSON NAMED IN COLUMN 1. YOUR	COMPONENT NO. COMPONENT	THE RESIDENCE OF THE PARTY OF T	
V			ERTIFICATE	OF CO	MPLIAN	CE	NA PERSONAL PROPERTY OF	A STATE OF THE PARTY OF THE PAR	CONTROL OF THE PERSON NAMED IN COLUMN
sme Co	that the state	ments made in this repo	rt are correct as	nd this	REPL	ACEMENT	_ confo	runs to Section 3	KI of the
- CO		- 11			-	_			
igned _	Y.V.	onth	Main	1 5	+=++			3-4-9	73
	//(Owner	OR OWNERS DESIGNEE)			Tm		Contract on Assess	NOTICE OF PERSONS ASSESSED.	(DATE)
		C	ERTIFICATE (	OF INSP	ECTION	1			
the unde	ervigned, holdi	ing a valid commission is	smood by the Na	tional B	oard of F	loiler and Pr	nainmuma W	oned Engage	
min meanly study	more due provincialité	CHARLEMACO, ARRIVE THAL THREE LANGEST DESCRIPTION OF THE PARTY AND ARRIVED TO THE PARTY OF THE P	Water Blowlaw Inc	manufarance:	A manager a	all Kilmonthoomek	presign the same	I	
Manage of States of States	SECTION A PARTIES AND SECTION AS A SECTION A	CH. REMARKS BIN FEMARE METRONOSI, E GRAD	2-24-75 1	namel extraoriu	a distance from a	the book of m	on houseasts	9-15-4 Same amber	this
manager seed	ENGINEENS NAMED PROPERTY.	s been constructed in ac his employer makes any	T SERVICE APPROPRIATE TO THE PERSON TO THE P	wagend a	m impossind		AR		
Manager Statement S	res means mouthfulled for	THE WAS AND THE PROPERTY OF THE PROPERTY OF	NO DEPOSITIONS OF SUITS	PRINCE SHOWS	ninamen alu	man han Kimban i		namer for MS p	erponal
, . , . ,	as others of susuanous	the on it some on many remain	arising from or	connect	ed with t	his inspection	8.		
ate 3.	5-93 e	Golm Bosley			Comm	pienieme Z/	971	NB 8088	
PERSONAL PROPERTY OF THE PERSON NAMED IN COLUMN 1	THE RESERVE OF THE RE	(Inspic	TOR)		Micro Control			TINCE, NATEONA	BOARD)

1. O · ner	Commonwee 72 W. Adam	alth Edison as, Chicago, IL 60690					Dat	<b>GEOGRAPHICA SILVANICA SIL</b>	
2. Plant		Nuclear Power Station Ave. North, Cordova,	IL 61242				Uni		
	22710 206th	Quad Cities Nuclear St. Ave. North, Cordova. 1 RESIDUAL HEAT	IL 61242				WR	Q75663	
5. (a) Appli (b) Appli	icable Construction of	tion Code USAS B16 of Section XI Utilized for	5.5 / 1967 or Repairs or Re	placemen	dition ats- 198	N/A A	ddenda, lenda, C	Code Cases	QB
6. Identifica	ation of Compo	nents Repaired or Repla	ced, and Renlac	sement C	amnone	ente			
Comp	ocoent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
TESTABL VAL	E CHECK	ATWOOD & MORRILL	N/A	N/A	N/A	1-1001-68B	N/A	REPAIRED	NO
BONNE	T NUTS	N/A	N/A	N/A	N/A	N/A	N/A	REPLACED	NO
BONNE	r NUTS	N/A	N/A	N/A	N/A	N/A	N/A	REPLACE- MENT	NO
Description Tests Conv. Remarks	ducted: Hy	drostatic [ ] ssure 1110 psi	Pneumatic [ Test Temp.	] 200 F.	No	ominal Operation	g Press	are [ ] Ot	her [X]
AND DESCRIPTION OF STREET, THE STREET,	CONTRACTOR OF CONTRACTOR STORY	THE REPORT OF THE PARTY OF THE	AND DESCRIPTION OF THE PARTY OF	CONTRACTOR SPINS			NAME OF TAXABLE PARTY O	The same of the sa	
Ve certify th SME Code.	In:	ents made in this repor	t are correct of	nd this	REPI	LACEMENT	: confo	rms to Section 3	
PROPERTY OF STREET, ST	(OWNER OF	ROWNERS BESIGNEE)	STATE OF THE PERSON AND THE PERSON A		Tri			CONTROL OF THE PARTY OF THE PAR	(DATE)
EPLACEM pair or repl ther the im ribed in t	ENT describ lacement has a spector nor hi bis Report. For perty damage	a valid commission is apployed by Hartford Street in this Report on access constructed in access employer makes any arthornore, seither the or a loss of any kind a self-or a loss of any kind a self-or a loss of any kind a	2-/3-93 a cordance with S warranty, exp e Inspector nor crising from or	tional Basection and state section 3	oard of Agency that to I of the implie ployer si ed with	Boiler and Pro of Hartford, ( the best of my ASME Code. d, concerning	Thave knowle By sign the repe assy m	imspected the edge and belief, sing this certific air or replaceme anner for any p	this ate,
SECTION AND ADDRESS OF THE SECTION ADDRESS OF THE SECTION AND ADDRESS OF THE SECTION ADDRESS OF THE SECTION ADDRESS OF THE SECTION AND ADDRESS OF THE SECTION ADDR		(INSPECT	OR)	AND DESCRIPTION OF THE PERSON		/\$T 4 70	on Duna	muse Name	Daves

					TAXABLE CONTRACT	COMPANY AND STREET, SALES OF THE SALES OF T	STREET, CONTYDING	PROPERTY OF THE PROPERTY OF THE PARTY OF THE	DESCRIPTION OF THE PERSON OF THE PERSON AND THE
1. Owner	Commonw	ealth Edison					Date	3/6/93	
	GOOD CHARLES AND DESCRIPTION OF STREET	ms, Chicago, IL 60690	EMINANDAM N				Shee	SECURITION OF THE PARTY OF THE	
									Histor
2. Plant	CONTRACTOR OF THE PROPERTY OF THE PERSON NAMED IN COLUMN TWO PARTY OF THE PERSON NAMED	Nuclear Power Station					Unit		
	22710 2060	h Ave. North, Cordova, I	L 61242						
3. Work Pe	rformed by	Quad Cities Nuclear Sta	tion				WR	6 O01221	
		h Ave. North, Cordova, I					*****	Q01371	
4. Identifica	ation of Syste	m BOILER FEED			Marine and Association				
5. (a) Appli	cable Constru	action Code ANSI B16.	E. B16 34 1967	/72 E	distan	N/A		C-1-C	
(b) Appli	cable Edition	of Section XI Utilized for	Repairs or Re	placemen	ats- 1980	0 W'80 Add	enda C	Code Cases N3	OR.
							manue, w	Cases	<u>V9</u>
6. Identifica	tion of Comp	conents Repaired or Replace				nts	quinta maranta ma		
Comp	se of	Name of Mfr.	Mfrs. Ser.	Nat'l	CRN	Other	Y sar	Repaired,	ASME Code
Comp	- Annear	MII.	No.	Bd.	No.	Identi- fication	Bu.'s	Replaced, or	Stamped
FEED V		THE RESERVE OF THE PARTY OF THE		-		11CMIPOL)	-	F ASSOCIATED	(Yes or No)
CHECK	The Contract of State	CRANE VALVE	N/A	N/A	N/A	1-0220-59B	N/A	REPLACED	NO
FEED V		THE PARTY OF THE P			-				
CHECK		CRANE VALVE	16	N/A	N/A	1-0220-59B	N/A	DEW ACE	
TR	IM		-	13/2	MIN	1-0220-373	NIA	REPLACE- MENT	NO
						A MENOR AND ADDRESS OF THE PROPERTY OF THE PRO	:	148248	The second secon
-					-		an Atomic and the same and		
THE RESERVE OF THE PARTY OF THE									
7 Descriptio	m of Work	DESTACED VALUE OF					See Taxable Control of		
. Descriptio	WI OI WOLK "	REPLACED VALVE T	RIM LIKE FO	R LIKE	de des	***************************************	-		
8. Tests Con	ducted: H	lydrostatic [X]	Pneumatic [	1	N	ominal Operatin	a Donne	- ( )	
		ressure 920 pai	Test Temp.	AMB F	140	STREET CADELECTE	g rreas	are [ ] Of	ber []
9. Remarks	APPLIC	ABLE MANUFACTUR	ERS DATA RI	EPORT	ON F	LE AT OCNE	5.		
	-			Name and Associated States	CONTRACTOR NO.	Partition of the same of the s	*******		
	A STATE OF THE PARTY OF THE PAR	Commission of the Commission o	ERTIFICATE	OF CO	LETH TA	SCHOOLSHOOLSHOOM AND	DESCRIPTION OF SHAPE		Charles of the special of the special state of the
We certify th	at the states	nents made in this report	are correct at	nd thès		LACEMENT	: confe	rms to Section	VI of the
ASME Code					CONTRACTOR OF THE PARTY OF THE	TOTAL COMMISSION OF STREET	Commo	was an Sacrada	AT OR THE
Signed	20	Ford h	41		=1	CC			
ork sacri	SECURE AND PROPERTY OF THE PARTY OF THE PART	OR OWNERS DESIGNEE)	191:	3.24	NAME AND ADDRESS OF TAXABLE PARTY.	THE PERSON WAS ASSESSED TO THE PERSON OF THE	al real way the same suppose	:3-6-9	3
THE RESERVE AND ADDRESS OF THE PERSONS ASSESSED.	CONTRACTOR OF THE PARTY OF THE	THE OWNER WAS THE PARTY OF THE	RTIFICATE (	AE PACE		rle N		National Action of the Contract of the Contrac	(DATE)
, the undersi	igned, holdis	ng a valid commission is	sued by the Na	tional B	oard of	Boiler and Pre	essue V	Japani Enemanteur	
SHALL BRANC PLONED DE	PAC BYRRESPERSOR	REFERENCE YESTS EDV FERFELIGHTE NA	MOUSE PLOSING LOW	DEPARTMENT SHOWS	A manage	of Kinmiland 1	Participation of the second		
THE PARTY OF THE PARTY OF	MALAST B PROPERTY	REPORTE THE FRAME BY GENERAL COMP.	5-14-75	நகுள் விகம்	e disease an	the best of me	a farmannik	-A A & -81-B	this
and the second of the second	HAND STREET, SECTION OF SECTION O	been constructed in acc his employer makes any	enterment water t	WENTER THE S	C of the	A CRAW COLL	Man at an	-1 AL 1	
	reses wrechere in	B. CHI. FTREE, SERCE, CT. BASSITTEEL, FTM.	t inspector nor	her sem	nlawer e	boots but himble in	-	nir or replaceme	ersk
njury or pro	perty damag	pe or a loss of any kind a	rising from or	Connect	ed with	this inspection	a many me	massee, for what b	AEFSORA!
Date 3-13		Jordon Boley						NO	
ALLE JAN	13 6	THE REAL PROPERTY AND PERSONS ASSESSMENT OF THE PERSONS ASSESSMENT OF	THE RESERVE THE RE	T THE REAL PROPERTY AND ADDRESS.	_ Com	missions IL	971,	8088	
THE RESERVE THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAMED I	CHURCH COMPANY SCHOOLSON	(INSPECT	UR)			(STATE	OR PRO	VINCE NATIONA	L BOARD)

4839	Commonweal 72 W. Adams	th Edison , Chicago, IL 60690					Dat	AND DESCRIPTION OF THE PERSON AND ADDRESS.	
		luclear Power Station Ave. North, Cordova,					Uni	-	
	22710 206th /	Quad Cities Nuclear S Ave. North, Cordova, RESIDUAL HEA	IL 61242				WR	/ Q01486	
5. (a) Applica	ble Construct	ion Code USAS B3	31.1 / 1967	Edition,	N/A sts- 1980	Addends W'80 Add	, Code C	Cases N3	08
6. Identification	on of Compon	ents Repaired or Rep	land and Penja	noment C					
Name Compos	of	Name of Mfs.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1D RHR R COOL	ER	N/A	N/A	N/A	N/A	1-5745D	N/A	REPAIRED	NO
1D RHR R COOLE FLANGE BO	ER OLTING	N/A	N/A	N/A	N/A	1-5745D	N/A	REPLACED	NO
ID RHR R COO'LE F' ANGE BO	ER	N/A	N/A	N/A	N/A	1-5745D	N/A	REPLACE- MENT	NO
7. Description 6	cted: Hyd	EPLACED COOLES	R INLET& OUT	THE REAL PROPERTY AND ADDRESS OF THE PARTY O	Water and an income	BOLTING, D		MANAGEMENT OF THE PARTY OF THE	EREAD
9. Remarks		BLE MANUFACTU	Test Temp.						T-2-1.1
We certify that	the statemen	ats made in this repo	CERTIFICATE	OF CO	MPLIA! REPA		: costo	runs to Section 3	Cl of the
SME Code.	911	50/fe		اردام	4.	S+,ff		3.6	
CONTRACTOR DESCRIPTION OF THE PERSON OF THE	(OWNER OR	OWNERS DESIGNEE)		ACTOR AND A STATE OF THE STATE	Tm				(DATE)
EPAIR  spair or replace  ber the imap  cribed in this	describe	a valid commission is ployed by Hartford S ad in this Report on one constructed in ac employer makes any thermore, neither the r a loss of any kind	3/3/3 ascordance with S warranty, exp	tional Bi spection and state section X remed or	Agency of the	Boiler and Proof Hartford, (the best of any ASME Code.	CT have knowle By sign the repa	imspected the odge and belief, ing this certifica	ide,
mte 3-13-			-			nissions ZL	971	NE 5058	
	CHECKSOLOGOGOGOGOGOGOGOGOGOGOGOGOGOGOGOGOGOGO	(TLESLEC	TOTAL )	CHARLES AND ADDRESS OF THE PARTY OF THE PART	Contract of the Contract of th	(STATE	OK PROV	THEE, NATIONAL	BOARD)

1. Owner	72 W. Adams	th Edison , Chicago, IL 60690					Date	SECURESCA DE LA CONTRACTOR DE LA CONTRAC	
2. Piant	Quad Cities N	lucieer Power Station					Uni		
	22710 206th	Ave. North, Cordova,	IL 61242					eterritoria de la constitución d	
3. Work Pe	erformed by	Quad Cities Nuclear S	tation				WD	Ø Q94810	
		Ave. North, Cordova,					WIN	Q34918	
4. Identifica	ation of System	RESIDUAL HEA	T REMOVAL					The state of the s	
5. (a) Appli	cable Construct	ion Code USAS RO	11.1 / 1967	E	dition	N/A A	ddende,	Code Cases	
(b) Appli	cable Edition of	f Section XI Utilized	for Repairs or Re	placeme	ats- 198	0. W'80 Add	lenda, C	ode Cases N3	08
6. Identifica	tion of Compor	ents Repaired or Repi	laced, and Replac	persent C	ompone	ente			
Nazz	ne of	Name of Mfr.	Mfrz. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or	ASME Code Stamped
1B RHR				140.		I SU-CLASURE		Replacement	(Yes or No)
DISCHAR VAL	COLUMN TANK THE PROPERTY OF	N/A	N/A	N/A	N/A	1-1001-66B	N/A	REPAIRED	NO
									W 200 100 100 100 100 100 100 100 100 100
							Α.		ATTENDED TO SERVICE AND ADDRESS OF THE SERVICE A
***************************************									
. Descriptio	e of Work W	ELD REPAIRED V	AT UP DWG						
		Section Branch Phase Control V	ALVE DISK.	THE COMMENTS OF CHES	I CARROLIS SISTEMATO	The second section of the sect		CONTRACTOR OF STREET	not see a second section of the second
. Текк Сове	/-	rostatic [ ] sure _200 pel	Passamatic [		No	ominal Operation	g Pressu	re [X] Of	her []
. Remarks			Test Temp.					-	
. Posteres	APPLICAL	BLE MANUFACTUI	RERS DATA RI	EPORTS	ON FI	LE AT QCNP	<u>S</u>		
THE REAL PROPERTY OF THE PERSON	THE RESIDENCE AND ADDRESS OF THE PARTY OF TH	AND THE PERSON NAMED IN COLUMN TO TH	CERTIFICATE	OF CO	APPR VA	L Pare			
e certify the SME Code.	at the statemen	nts made in this repo	Fi are correct as	od thás	REP/		confe	rms to Section 3	CI of the
gned	91	Ford &		111-	L	Stoff		2 /	93
-	(OWNER OR	OWNERS DESIGNED	A SECTION OF THE PROPERTY OF THE PARTY.	/ 12/	Trr	THE RESIDENCE OF THE PARTY OF T	Wild Real Property	3-6-	A THE PERSON NAMED AND POST OFFICE AND POST OF THE PERSON NAMED AND POST O
		C	ERTIFICATE (	F INSP			Wilder Programme des	OCCUPATION OF THE PARTY OF	(DATE)
the undersi	gned, holding	a valid commission is	senand her thus No.	tional B	and of	W-N			
nd the State REPAIR	suc wasaummented muscus	PARAMETER AND THE PROPERTY OF	PERSONALIZATION PROCESSOR REPORT TO STREET	DISTRICT LAND	A. AND THE OWNER.	and the market of the	THE PARTY IN		
pair or repl	acament has be	on on the support on	roandamen with C	and state	that to	the best of my	kanowie	dge and belief,	
The second secon	ments aroundlasted to T. PH	rthermore, neither ti r a beas of any kind	THE EXPERIMENTAL PLANE	Braker courses on	Removement and			namer for any po	reosal
ate 3-15		In Boles		COMMERCIA					
- 1)		(Insue)			Com	missions IL			
AND DESCRIPTION OF THE PERSON NAMED IN COLUMN	PERSONAL PROPERTY AND	THEFE	TOR)			(STATE C	R PROV	INCE, NATIONAL	BOARD)

RESPONSE OF THE PERSON NAMED IN	AND RESPONDED FOR STREET STREET, STREE	nalth Edison ms, Chicago, IL 60690					Das	e <u>2/26/93</u> et <u>1</u> of 1	
The second field	THE RESIDENCE OF THE PROPERTY	Nuclear Power Station h Ave. North, Cordova,	IL 61242				Uni		
		Quad Cities Nuclear Str Ave. North, Cordova, I					WR	VQ89826	
5. (a) Applicable	ie Constru	DIESEL GENERA  ctice Code _USAS B31  of Section XI Utilized fo	.1 / 1967	E	dition	N/A A	ddenda,	Code Cases	OS.
							aronaman, co	months and	Millianni.
Name of Componen	est .	onents Repaired or Repla Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
COOLING WAR	ATER	MARLIN	3762	N/A	N/A	1-3999-86	N/A	REPLACED	NO NO
DIESELGE COOLING WA PUMP DISC CHECK VAI	ATER CH	C & S VALVE CO.	92-2034-01 (Q)-01	N/A	N/A	1-3999-86	1992	REPLACE- MENT	NO
, , , , ,	-	REPLACED VALVE I							
8. Tests Conducte	Pr	ydrostatic [ ] sesure85 psi	Promenatic [ Test Temp	MB F		mizal Operation			her [X] 2-1.1
9. Remarks	APPLICA	ABLE MANUFACTUR	ERS DATA RI	PORTS	ON FI	LE AT QCNP	S.		
We certify that the ASME Code.	he statem	C ents made in this report	ERTIFICATE	OF CO		NCE ACEMENT	coede	rms to Section 3	CI of the
Signed	(SHINER O	E OWNERS DESIGNEE)	M.	nd.	54	ff		3-6-	NAMES OF TAXABLE PARTY AND POST OF TAXABLE PARTY.
the undersigned and the State of I REPLACEMENT replaces or replaces or the images aribed in this I	d, holding Dimois, er F descri ment has ter mer b Report, F	ROCORDE DE SUIT DANS DE SUITA	/-/8-93 a ordance with S warranty, expe	tional Bo pection and state ection X remed or	Agency that to I of the	Boller and Pre of Hartford, C the best of my ASME Code. d, concurring	T have knowle By sign the repa	imspected the dge and belief, ing this cartific	iće,
Date 3-15-		Solon C	Saley					NB 8088	5
THE RESERVE OF THE PERSON NAMED IN COLUMN TWO	PERSONAL PROPERTY AND ADDRESS OF	Trees gr 1	LINE /			(STATE)	THE PROPERTY.	THE BLATTONIA	MOARD)

1. Owner	Commonweal						Det	e 2/12/93	
	72 W. Adams	, Chicago, IL 60690	)					et 1 of 1	
2. Plant	Quad Cities N	uclear Power Station					Uni	. 1	
		ive. North, Cordova					-		
3. Work Pe	rformed by C	and Cities Nuclear S	Itation						
	22710 206th A	ve. North, Condova	IL 61242				WR	Q02892	
4 14									
4. loonunce	ition of System	RESIDUAL HE	AT REMOVAL	SANCES AND SECURIS			MAKEN, AMERICAN PART	PERSONAL PROPERTY OF THE PERSON NAMED IN COLUMN 2	
5. (a) Appli	cable Constructi	OE Code USAS R	31.1 / 1967		dition	N/A A	ddendo	Code Cases	
(b) Appli	cable Edition of	Section XI Utilized	for Repairs or Re	placeme	nts- 1980	W'80 Ad	denda, C	ode Cases N3	08
		ents Repaired or Rep							distance.
Nam	e of	Name of	Mfrs. Ser.	Net'l		Other	T 2/		-
Совър	onent	Mfr.	No.	Bd. No.	No.	Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
RHR PUM	MOTOR	N/A	N/A	W//A	N7/4				
BEARING	COOLER	137.66	N/A	N/A	N/A	1-1001- 145C	N/A	REPAIRED	NO
RHR PUMI BEARING	MOTOR	8944	1			N. S.	1		****
FLANGE E		N/A	N/A	N/A	N/A	1-1001-	N/A	REPLACED	NO
RHR PUMI	MOTOR	THE REAL PROPERTY AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS				145C	-	REPLACE-	
BEARING FLANGE B		N/A	N/A	N/A	N/A	1-1001-	N/A	MENT	NO
I DIGE B	OLING		-			145C	-		Married and the Parties of the Parti
Description Tests Cond Remarks	hacted: Hyds Press	PLACED INLET &	Procuenatic [ Test Temp.	] F	No	mine! Operatio	g Pressu	re [] Od	ner [ ]
Kemaras	APPLICAE	LE MANUFACTU	RERS DATA RI	EPORT.	ON FI	E AT QCNI	<u>S.</u>	,	
THE RESERVE OF THE PARTY OF THE			CERTIFICATE	OFCO	APPE TAR	D. Company	THE AND DESCRIPTION		
e certify the	at the statemen	ts made in this repo	ert are correct as	ed this		ACEMENT	randes	rems to Section )	PT of the
SME Code.		- 1			WHITE SERVICE SHOW	Prince Charles on the Charles of Charles		man and their tributes to	I'V ME ETIME
gned		1 Josh		10:0	1. 5	42 ff		3-6-93	
NAME OF THE OWNER OWNER OF THE OWNER OWNE	(OWNER OR	OWNERS DESIGNED	Berner and Commence of the Com	-	Tm	2	O THE REAL PROPERTY AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON	0-6/2	(DATE)
		C	ERTIFICATE (	)F INSP	ECTION	(	- Name and Address and	With the state of	(DAIE)
the undersid	rned, bolding a	valid commission i	amount has the No.	N					
		valid commission i loyed by Elartford !							
Annual or Annual	THE PARTY OF THE P	MOT HEART BLANKING COLLARS PROPERTY BY AND I	1-17-7 -	AND STREET	Alleman Sam A	Marie Branch - Branch			this
shed im th	is Report. Fur	thermore, maidae e	y warranty, expe	ressed or	rimplied	, concerning	the repa		
man on brob	erty damage or	a loss of any kind	arising from or	COMMect	ed with t	an ve mante k bio imanactico	a maky mad	mater for may po	DALE CHESTER
te 3-15-		40.65	Can					16.	
A	CALLED THE PARTY OF THE PARTY O	(INSPEC	TOR)	***********	Comm			NB 8088	
The second second	A REPORT OF THE PROPERTY BEING PROPERTY OF	The state of the s	COLUMN TO THE PROPERTY AND THE PARTY AND THE	and the same and the same	PART AND REAL PROPERTY AND REA	(STATE	OR PROV	DICE, NATIONAL	BOARD)

	No. and the second second	As Reg	uired by the Prov	RT OF	REPAIR ASME	OR REPLAC	CEMEN	Т	
1. Owner	Commonwea	ith Edison					Det	e 2/20/93	
	72 W. Adam	s, Chicago, IL 60690	)				She	WHITE PERSONNELS OF THE PERSON NAMED AND ADDRESS OF THE PERSON	1
2 annt	AND RESIDENCE AND PROPERTY OF THE PERSON NAMED IN COLUMN 2 IN COLU	Nuclear Power Station	CONTRACTOR DESIGNATION OF THE PARTY OF THE P				Uni	1	
	22710 206th	Ave. North, Cordova	, IL 61242						
3. Work Pe		Quad Cities Nuclear S Ave. North, Cordova					WR	<u>Q04494</u>	
4. Identifica	stion of System	REACTOR REC	CIRC						
(b) Appli	icable Edition o	tion Code <u>USAS R</u> of Section XI Utilized ments Repaired or Rep	for Repairs or Re	placeme	ats- 1980	. W'80 Ad	, Code C denda, C	Cases NONE	08
Nam	se of	Name of	Mfrs. Ser.	Nat'i	CRN	Other	Year	Repaired,	ASME Cod
SPRING		Mfr.	No.	Bd. No.	No.	Identi- fication	Built	Replaced, or Replacement	Stamped (Yes or No
PIPING S	UPPORT	N/A	N/A	N/A	N/A	1-0207-2	N/A	REPAIRED	NO
SPRING S CLAMP	UPPORT	N/A	N/A	N/A	N/A	1-0207-2	N/A	REPLACED	NO
SPRING PIPING SI CLAMP	UPPORT	N/A	N/A	N/A	N/A	1-0287-2	N/A	REPLAC- MENT	NO
. Description Tests Com	ducted: Hyd Pre	NSTALLED NEW BOTT INSPECTION.  Stronger pai  BLE MANUFACTU	Pronunctic [ Test Temp.	] F	No	minal Operation	g Press		JRING her [X] N/A
V			CERTIFICATE	OF CO	MPLIA	NCE			
SME Code.	at the stateme	mts made in this repo	ert are correct as	nd this	REPL	ACEMENT	_ confo	rms to Section 2	KI of the
igned	JA	OWNERS DESIGNEE		13,2	AND DESCRIPTION OF THE PARTY OF	Haff	NAME AND DESCRIPTION OF THE PARTY OF	3-6-93	
THE RESERVE OF THE PARTY OF THE	NAME OF TAXABLE PARTY.	THE RESIDENCE OF THE PARTY OF T	ERTIFICATE (	F INSP	TITIO		THE SAFETY COLUMN EVEN ASSESSMENT		(DATE)
EPLACEM pair or repl inter the im ited in t	ENT describ accoment has b spector mar his his Report. Fu	a valid commission i ployed by Hartford and in this Report on one constructed in as employer makes an othermore, neither t or a loss of any kind	issaed by the Nai Steam Boller Inc 2-2-93 coordance with S y warranty, exp	tional B spection and state section 3 resend o	Agency that to I of the risaplies	Boller and Proof Fine best of my ASME Code.	CT have y knowle By sign the repo	imspected the rige and belief, ing this cartific	this

Date Boles 3-15-93 Commissions IL 971 NB 8088
(INSPECTOR) (STATE OR PROVENCE, NATIONAL BOARD)

# FORM NIS-2 OWNERS REPUME ...... ALK OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

1. Owner Commonws 72 W. Adam	alth Edison ss, Chicago, IL 60690					Des	te 2/12/93	ī
2. Plant Quad Cities	Nuclear Power Station							
	Ave. North, Cordova					Uni	it	
3. Work Performed by	Ound Civina Nonton							
3. Work Performed by 22710 206th	Ave. North, Cordova.	II. 61242				WR	# Q63997	
		A STATE OF THE PROPERTY OF THE PARTY OF THE						
4. Identification of System	RESIDUAL REA	AT REMOVAL						
5. (a) Applicable Construct (b) Applicable Edition	tion Code USAS B	31.1 / 1967		Edition	N/A A	ddanda	Code Carre	
(b) Applicable Edition (	of Section XI Utilized	for Repairs or Re	placeme	nts- 198	0. W'80 Add	bonda, C	Code Cases N3	08
6. Identification of Compo	neuts Renaired or Ren	laced and Replac	noment f					ethelioneus da
LANGES OI	Name of	Mfrs. Sor.	Nat'l	CRN	Other	Year	7 8	
Component	Mfr.	No.	Bd. No.	No.	Identi- fication	Baile	Repaired, Replaced, or Replacement	ASME Code Stamped
RHR			THE RESIDENCE AND ADDRESS OF THE PARTY OF TH	-		-	FOOTRCSUMME.	(Yes or No)
SPRAY ISOLATION	CRANE	N/A	N/A	N/A	1-1901-26A	N/A	REPAIRED	NO
CONTAINMENT SPRAY ISOLATION	N/A				THE RESERVE OF THE PARTY OF THE		A STATE OF THE PARTY OF THE PAR	METALLOCAL CONTRACTOR STREET
BONNET BOLTING	N/A	N/A	N/A	N/A	1-1001-26A	N/A	REPLACED	NO
CONTAINMENT SPRAY ISOLATION	N/A	BELLA			AND THE REAL PROPERTY AND THE PARTY AND THE		REFLACE-	DANISH PARK THE POST OF THE PARK THE
BONNET BOLTING	NA	N/A	N/A	N/A	1-1601-26A	N/A	MENT	NO
	Day of the state o	THE RESERVE ASSESSMENT		-	WED-DE STREET, CO. S. LESS OF THE STREET, CO. S. C.	-	-	
Pru	EPAIRED VALVE & irostatic [ ] issure170_pei  BLE MANUFACTU	Pronumetic [ Test Temp/	) MB_ I	No.	ominal Operation	g Preess	m'e [ ] Od	her (X)
	PARTOFACIO	ALAS DATA KI	2PUSCIN	ON FI	LE AT OCNE	<u> </u>		
		CERTIFICATE	OW CO	A COM TA		THE PERSON NAMED IN		MINISTERNAL PROPERTY OF THE PARTY SERVICE
Ve cartify that the statement. SME Code.	nts made in this repo	rt are correct as	d this		ACEMENT	comfor	rus to Section 3	I of the
igned 213	-11		, .	7 1	~			
PROTESTANDA DESCRIPTION DE LA COMPANSION	CHANGE DESCRIPTION	Main	t	RECOGNICAL SPRINGS OF THE PARTY	A STREET, SALES AND SALES	AMIA GOVERNMENTON	3-6-9.	3
CHOCKER CONTRACTOR CON	STREET, STREET	ERTIFICATE O	AEF FRACTE	Tir	LE	MARINE SECURE SE		(DATE)
the undersigned, holding ad the State of Rimoic, om EPLACEMENT describ pair or replacement has be the inspector ner his bed in this Report. For	ed in this Report on sem countracted in ac-	2-9-95 a	pocusem ad state action X	that to I of the	of Hartford, C the best of my ASME Code.	T kave kaswie By signi	imapected the dge and belief, i ing this certifics	de,
bed in this Report. Fur jury or property dumage of	rthermore, midher th	e Impector nor	his casp	loyer sk	mil be babée je	MU PURCH	m on rephicusans oner for see se	ME PROPERTY
	a some of every kined a	arising from or o	DOMESHOOL	ed with t	this impaction.		and the	
ate 3-15-95	Joulan US	oly .		Come	minnions 24	971	N88088	
	(INSPEC	ros.)	MAD BETT HILLDRAM	MICHAEL PROPERTY.			DICE, NATIONAL	BOARD)

1. Owner	72 W. Adams	th Edison , Chicago, IL 60690					Date	STATISTICS OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE O	_
2. Pleast		iuclear Power Station Ave. North, Cordova,	IL 61742				Unit		
		Quad Cities Nuclear S Ave. North, Cordova,					WR	Q84739	
4. Identifica	tion of System	RESIDUAL HEA	T REMOVAL			TA ATTEMPTATE CONTRACTOR CONTRACTOR			
		ion Code USAS R3 f Section XI Utilized I						cases NONE	08
6 Identifica	tion of Compos	sents Repaired or Repl	lead and Renla	nament C					
Nam	e of	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	MUSICALISMAN	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Staroped (Yes or No)
SNUB	BER	PSA	7327	N/A	N/A	1-122	N/A	REPLACED	NO
SNUB	BER	PSA	8772	N/A	N/A	1-122	N/A	REPLACE- MENT	NO
7. Description	ducted: Hye	EPLACED SNUBBE	Pasumatic [	]	Nor	ninal Operati	ing Press		bor [X]
. Remarks		BLE MANUFACTU	Test Temp		S ON FIL	E AT OCN	PS.	VT-W4-1.1	
We certify the	nat the street.	mete made in this repo		md this	REPL	ACEMENT		orms to Section :	XI of the
igned	(DWNER OF	TOTAL DESIGNER		Main	<i>↓</i>	242 FE	WHO AND	3-6-	93 (DATE)
, the undersi		TABLE AND THE WHITE CHEEK PROPERTY AND ADDRESS OF TAXABLE PARTY.	ERTIFICATE						
EFLACEM	ENT describ	oployed by Hartford and in this Report on	3-15-93	spection and stat	Agency	of Ekartford, the best of w	CT have	s imapected the	(Noise
ar the in	spector nor hi this Report. Fr	seen evestructed in a s employer region as orthoronore, makker (	y warranty, exp the Inspector no	pressed o r lais em	r implies plover sh	i, concerning all be liable	g tibe rego ion sony m	sår ar rentacem	nemet .
mie 3-15	1	or a lars of any kind	arung trom or	ODERESC				NESOSS	
6-4-1	THE PERSON NAMED OF THE PE	(IMSPBC	CTOR)	THE REPORT OF THE PERSON NAMED IN COLUMN 1		CHARLES	ORICH REPORTS AND PROPERTY.	VENCE, NATEONA	L BOARD)

	seealth Edison lams, Chicago, IL 60690	NOTABLE DE					2/18/93 set 1 of 1	
2. Plant Quad Cita 22710 200	es Nuclear Power Station 5th Ave. North, Cordova,	IL 61242				Uni		
3. Work Performed by	Quad Cities Nuclear State Ave. North, Cordova, I	Rtion				WR	/ <u>Q04439</u>	
4. Identification of Syst	BOILER FEED			C North Charles and Control of the C		MINU STREET		
5. (a) Applicable Const (b) Applicable Edition	ruction Code ANSI B16 an of Section XI Utilized for	.S-B16.34 1967	//73 E	dition	N/A A	ddende,	Code Cases	
						Mexica, C	ADDR CARREN	08
Name of	Ponents Repaired or Repla	Mfrs. Ser.	Description C			-	-	
Component	Mfr.	No.	Nat'l Bd. No.	No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Cod Stazzaped
FEED WATER CHECK VALVE	CRANE VALVE	N/A	N/A	N/A	1-3220-62A	N/A	REPAIRED	(Yes or No
FEED WATER CHECK VALVE BONNET BOLTING	CRANE VALVE	N/A	N/A	N/A	1-0229-62A	N/A	REPLACED	NO
FEED WATER CHECK VALVE BONNET BOLTING	CRANE VALVE	N/A	N/A	N/A	1-8228-62A	N/A	REPLACE- MENT	NO
7. Description of Work	REPLACED BONNET	BOLTING LI	KE FOR	LIKE				and the second s
. Tests Conducted:	Hydrostatic [X] Pressure 920 pai	Passumstic [ Test Temp.	)	No	ominal Operatio	g Presen	we [ ] Os	bor [ ]
	CABLE MANUFACTUR				LE AT OCNP	8.		
Ve certify that the states	Common made in this report	ERTIFICATE	OF CO			:		Commence of the Cold for the Congruence of the Cold
SME Code.	- / /				LACEMENT	comfe	rume to Section 3	I of the
igned //	OR OWNERS DESIGNER	Main	4. 5	NAME AND POST OF TAXABLE PARTY.	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	Cornoghwy spoyaga	3-6-9	3
CAN SERVICE CONTRACTOR STREET,	THE RESIDENCE AND ADDRESS OF THE PARTY OF TH	RTIFICATE C	AF PACE	Tri			On the second second	(DATE)
EPLACEMENT desc pair or replacement has er the immedian more	ng a valid commission is: employed by Hartford St ribed in this Report on 2 s been constructed in acco	and by the Nat annu Boiler ins 2./-93 a ordance with S	tional Be pection and state ection X	Agency that to I of the	Boller and Pre of Hartford, C the best of my SME Code.	T have knowle By sign	imposted the dge and belief, ing this certifica	this sto.
jury or property decised	pe or a loss of any kind as	riolog from or	bis emp	doyer st d with	nall be liable in this impection.	assy me	mater for any po	rronal
ate 3-15-93	Gorlon Bos		PER TOLE PARK MAKE	Come	minstone IL			
	THE RESIDENCE OF THE PROPERTY	Contraction of the Contraction o	Water Charleson	Character street	(STATE)	A PROV	INCE, NATIONAL	BOARD)

1. Owner Commonwealth Edison 72 W. Adams, Chicago, IL 60690							Des	CONTRACTOR DE LA CONTRA	
2. Piant	Ouad Cities	Nuclear Power Station						-	MINISTRA .
		Ave. North, Cordove					Umi	1	
3. Work P	erformed by	Quad Cities Nuclear	Station						
	22710 206th	Ave. North, Cordova	. IL 61242				WR	W <u>Q95239</u>	
			THE CASE OF SHIP SHIP SHIP SHOULD ARREST THE SHIP SHIP SHIP SHIP SHIP SHIP SHIP SHIP						
		RESIDUAL HE	A STATE OF THE PERSON NAMED IN COLUMN SPECIAL PROPERTY.				MC7 / ADMINISTRA		
). (a) Appl	icable Construc	tion Code USAS B	31.1 / 1967	E	dition	N/A /.	ddenda,	Code Cases	
(v) Appl	MADRO EXILION (	of Section XI Utilized	for Repairs or Re	piaceme	nts- 198	0. W'80 Add	denda, C	code Cases N3	06
6. Identifica	stion of Compo	cents Repaired or Rep	placed, and Renla	coment C	`omnoon	mts.			
Nan	se of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired.	1.63.57
	conent	Mfr.	No.	Bd. No.	140.	Identi- fication	Built	Replaced, or Replacement	ASME Code Stamped
	SERVICE	The second secon		1		ALL DESCRIPTION OF THE PARTY OF	-	Prof. Secretaries	(Yes or No)
The second second	PUMP	MISSION	TT315	N/A	N/A	1-1001-210	N/A	REPLACED	NO
1D RHR S		BIN NOT ANYON S VARIABLE WAS ARRESTED FOR SUMMER SAME STATE OF SAME SAME SAME SAME SAME SAME SAME SAME	-						
WATER		MISSION							THE RESERVE OF THE PERSON OF T
DISCH CH		MISSECH	91-1731-01	N/A	NIA	1-1901-2D	1992	REPLACE-	NO
1D RHRS			(Q)-03	-	-			MENT	
DISCH (		N/A	N/A	N/A	N/A	1-1001-2D			
VALVE B				14/26	14176	1-1661-20	N/A	REFLACED	NO
	WPUMP					THE RESERVE THE PERSON NAMED IN		-	-
DISCH (		N/A	N/A	N/A	N/A	1-1001-2D	N/A	REPLACE-	NO
VALVE B	OLTING							MENT	NO
. Description	m of Wort D	PER ACTIVATION	4 B ND				for compression of the contract of	A CONTRACTOR OF THE PARTY OF TH	Statement of the statem
	and work and	EPLACED VALVE	AND BOLTING	LIKE	FOR LI	KE.			
. Tests Com	ducted: Hw	drostatic [ ]	Passanetic [	3			MINISTER DICTORNOLOGICA		
		serve 310 peri	Test Temp.		No	eninal Operation	g Presen		ber [X]
								VT.	2-1.1
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James Cook									
gned	V1	For /		V	1	st.ff		2 .	00
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CONTRACTOR OF THE SECOND	NAMES OF STREET, STREE	OFFICERS OF MADE PRODUCTS AND SERVICE AND SERVICE OF THE SERVICE O	ERTIFICATE O	AR PARCE	Trr	LE		THE RESIDENCE OF THE PARTY CORNEL OF THE PARTY	(DATE)
the unders	gned, holding	a valid commission i	issued by the Na	tional B	and of	Roller and Bu			
od the State	of Illimois, ess	ployed by Hartford	Steem Boiler Inc	pection	Agency	of Finettord (	There	manufacted the	
EPLACEM	ENT describ	ed in this Report on	2-2-93 =	md state	that to	the best of my	kmowia	rime and bolisf	ebde
bear or regio	someone has b	eas constructed in a	coordance with S	ection X	I of the	ASME Code.	By sign	ing this certifica	in the same of the
wibed in t	his Resource For	employer makes as	y werranty, expr	remand or	implied	d, concerning	the repe	ir er replacemen	set.
		rthormore, noither to be a loss of any kind						name for any po	Lamore
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ste 3-15	-93	orden Wash	Seem		C	TI	971	NO FOST	
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1. Owner	Commonwee 72 W. Adam	hth Edison s, Chicago, IL 60690					Date	2/17/93 st 1 of 1	
2. Piant	VIOLENCE AND DESCRIPTION OF THE PARTY OF THE	Nuclear Power Station Ave. North, Cordova,	IL 61242				Unit	1	. 6-1
	22710 206th	Quad Cities Nuclear St Ave. North, Cordova,	IL 61242				WR	Q03011	
5. (a) Appli (b) Appli	cable Construction of	RESIDUAL HEA	1.1 / 1967 or Repairs or R	eplacemen	sts- 1980	W'80 Add		sees NONE	08
	ne of	nents Repaired or Repli Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
RHR / FU SPOOL BOLT	PIECE	N/A	N/A	N/A	N/A	1-1086-6°	N/A	REPLACED	NO
RHR / FUI SPOOL BOLT	EL POOL PIECE	N/A	N/A	N/A	N/A	1-1086-5"	N/A	REPLAC- MENT	NO
									T NOT MEDITAL PROPERTY AND ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION ADMINISTRATION AND ADMINISTRATION ADMINISTRATIO
7. Descriptio 8. Tests Con 9. Remarks	ducted: Hy	EPLACED FLANGE drowentic [ ] seure _253_ pai BLE MANUFACTUS	Paeumetic [ Test Temp.	] F	No	minal Operation			her [X] T-2-1.1
We certify the ASME Code.	nat the stateme	mis made is this repo	Main	and this	REP	ACEMENT	config	rans to Section 3	KI of the
, the unders	ig med, Nolding	a valid commission is sployed by Hartford S	ERTIFICATE	OF INSP	ECTIO	N Roller and Pr	F kann	essel Inspectors	(DATE)
epair or rep or the is leading	ince went has be reported for his this Report. For	bed in this Report on sean constructed in ac s employer makes any arthermore, neither the or a loss of any kind	cordance with warranty, expector no	and state Section 3 pressed or or bis sens	that to A of the cienplie plover st	the best of sec ASME Code. d., concerving toll be liable in	y kmowi By sign the repe	odpe and belief, sing this certific	Rôs,
3-1:	5-93	Sorden Boss (IMSPAC	TOR)		_ Com	- Contraction	THE RESERVE AND PERSONS ASSESSED.	NB8088 VENCE, NATIONA	L BOARD)

1. Owner Commonweal 72 W. Adams	th Edison , Chicago, IL 60690					Pak Sin	2/20/93 1 of 1	
THE RESIDENCE OF THE PERSON OF	luclear Power Station Ave. North, Cordova,	IL 61242				Unit	<u>i</u>	
3. Work Performed by	Quad Cities Nuclear S Ave. North, Cordova,					WR	Q02893	
Identification of System     (a) Applicable Construct     (b) Applicable Edition of	ion Code <u>USAS R3</u> Section XI Utilized	01.1 / 1967 for Repairs or Re	placemen	1980	W'80 Ad	ddenda, denda, C	Code Cases	Q8
6. Identification of Compos Name of						-	-	-
Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1D RHR PUMP MOTOR BEARING COOLER	N/A	N/A	N/A	N/A	1-1001- 145D	N/A	REPAIRED	NO
1D RHR PUMP MOTOR BEARING COOLER FLANGE BOLTING	N/A	N/A	N/A	N/A	1-1001- 145D	N/A	REPLACED	NO
1D RHR FUMP MOTOR BEARING DLER FLANGE BOLTING	N/A	N/A	N/A	N/A	1-1001- 145D	N/A	REPLACE- MENT	NO
Pro	EPLACED COOLE  frostatic [ ]  seure _270 pei  BLE MANUFACTU	Presentic [ Test Temp.	AMB I	No.	minal Operati	ng Press	FOR LIKE.	her []
Ve outify that the stateme SME Code.	nts made in this repo	CERTIFICATE ort are correct a	nd this	REPL	ACEMENT		rms to Section :	XI of the
igned (Owner or	OWNERS DESIGNED		Mo	int.	24-44	NEW MARKS STANDARD	3-6-9	T SEASON STREET, STREE
the undersigned, holding nd the State of Illinois, em EPLACEMENT descrit spair or replacement has bur the impactor nor his accided in this Report. Fully or property damage	a valid commission apployed by Hartford and in this Report on the constructed in a semployer makes as artherwore, neither	Steam Boiler In  1-20-93  coordance with:  y warranty, exp  the Imspector no	OF INSI ational B aspection and stat Section : pressed or this one	PECTION  Agency  that to  KI of the  r implies	Boiler and Pr of Hartford, the best of m ASME Code 1, concerning	cassure V CT have y knowle. By sign	imspected the edge and belief, sing this cortific	this sto,
ate 3-15-73	Loran Co	len	DANGERSON - ANGLE MA		missions IL	971,	NB 8088	
Division and the second section of the section of the second section of the sect	(Inspe	TOR)			(STATE	OR PRO	VENCE, NATIONA	L BOARD)

#### \*\* FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI 1. Owner Commonwealth Edison 72 W. Adams, Chicago, IL. 60690 2. Plant Quad Cities Nuclear Power Station 22710 206th Ave. North, Cordova, IL 61242 3. Work Performed by Quad Cities Nuclear Station WR# Q89819 22710 206th Ave. North, Cordova, IL 61242 4. Identification of System RESIDUAL HEAT REMOVAL 5. (a) Applicable Construction Code USAS E31.1 / 1967 Edition, N/A Addenda, Code Cases NONE (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1980. W'80 Addenda, Code Cases N308 6. Identification of Components Repaired or Replaced, and Replacement Components Name of Name of Mfrz. Ser. Nat'l CRN Other Year Repaired. ASME Code Component Mfr. No. Bd. No. Identi-Banik Replaced, or Stamped No. fication Replacement (Yes or No) 1B RHR ROOM **BUFFALO FORGE** 68K-15771-N/A N/A 1-5746E N/A REPAIRED NO COOLER B 7. Description of Work WELD REPAIRED ROOM COOLER WATER BOXES. Hydrostatic [ ] 8. Tests Conducted: Prevenetic [ ] Nomical Operating Pressure [ ] Other [X] Pressure 70 psi Test Temp. AMB F VT-2-1 APPLICABLE MANUFACTURERS DATA REPORTS ON FILE AT OCNPS. 9. Remarks CERTIFICATE OF COMPLIANCE We certify that the statements made in this report are correct and this conforms to Section XI of the ASME Code Signed 3-6.93 OWNER OR OWNERS DESIGNER (DATE) CERTIFICATE OF INSPECTION , the undersigned, holding a valid commission issued by the National Board of Boller and Pressure Vessel Inspectors and the State of Illinois, employed by Hartford Steam Boiler Inspection Agency of Hartford, CT have inspected the described in this Report on 2-4-93 and state that to the best of my knowledge and belief, this epair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this cartificate, w the imspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement a....ribed in this Report. Furthermore, neither the Impector nor his employer shall be liable in any manner for any personal sjury or property demange or a less of any kind arising from or commeted with this imspection.

Commissions 74971, NBSOSY

(STATE OR PROVINCE, NATIONAL BOARD)

3-15-93

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2. Plant  Quad Cities Nuclear Power Station  22710 206th Ave. North, Cordova, II. 61242  3. Work Performed by Quad Cities Nuclear Station  22710 206th Ave. North, Cordova, II. 61242  4. Identification of System  HIGH PRESSURE COOLANT INJECTION  5. (a) Applicable Construction Code  USAS ESJ. 1/ 1967  Edition, N/A  Addenda, Code Cases  NONE  (b) Applicable Edition of Section XI Utilized for Repairs or Replacements—1980, W'80 Addenda, Code Cases  Name of Name o	CONTROL CONTRO	THE PARTY OF THE P						2/12/93 x 1 of	i
4. Identification of System HIGH PRESSURE COOLANT INJECTION  5. (a) Applicable Construction Code USAS E3.1.1/1967 Edition, N/A Addenda, Code Cases NONE (b) Applicable Edition of Section XI Utilized for Repaire or Replacemente-1980, W'80 Addenda, Code Cases NONE (c) Applicable Edition of Section XI Utilized for Replacement Components  Name of Components Repn. "d or Replaced, and Replacement Components  Name of Name of Mfr. Ser. Na". I CAN Other Replaced, or Replacement Components  No. Bd. No. Identification of Replacement Components  No. Hold No. Identification of Replacement Components  No. No. Identification of Replacement ("G" or No. Identification o	COLUMN DESIGNATION OF THE PARTY	STREAM OF THE PROPERTY OF THE PROPERTY OF THE PARTY OF TH	IL 61242				Unit		
5. (a) Applicable Construction Code USAS B31.1/1967 Edition, N/A Addenda, Code Cases NONE  (b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W-80 Addenda, Code Cases N308  6. Identification of Components: Repaired or Replaced, and Replacement Components  Name of Name of Name of Mfr. No. Bd. No. Identification Built Repaired, or Stamped Components  No. Bd. No. Identification Replaced, or Replaced, or Replaced, No. Identification Replacement (Yes or No)  FIPING SUPPORT U-BOLT N/A N/A N/A N/A N/A 1-2364-M-N/A REPLACE NO MENT  NUTS  7. Description of Work INSTALLED NEW U-BOLT NUTS ON U-BOLT. OLD NUTS WERE NOTED AS MISSING DURING SIS INSPECTION.  B. Tosts Conducted: Hydrostatic [] Passumetic [] Nominal Operating Pressure [] Other [X] YT-3/4-1  Pressure pai Test Temp. F  OCENTIFICATE OF COMPLIANCE  CERTIFICATE OF COMPLIANCE  CERTIFICATE OF COMPLIANCE  (GWINER OR OWNERS DESCRIPE)  TITLE CONFORMS OF COMPLIANCE SINGLE AND STATE OF COMPLIANCE  (GWINER OR OWNERS DESCRIPE)  CERTIFICATE OF INSPECTION  (CERTIFICATE OF INSPECTION)  (CERTIFICATE OF INSPECTION							WR	Q63162	
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements—1980. W'80 Addends. Code Cases N308.  6. Identification of Component: Repaired of Replaced, and Replacement Components  Name of Name of Mfrs. Ser. Nat'l CRN Other Year Repaired. ASME Code Components  No. Bd. No. Identification Built Replaced, or Replacement Mfr. No. Bd. No. Identification Built Replaced, or Replacement (Yea or No.					AND DESCRIPTION OF THE PARTY OF				
Name of Mfr. Mr. No. No. No. Identity Built Replaced, or Stamped (Yes or No. No. No. Identity Built Replaced, or Stamped (Yes or No. No. No. Identity Built Replaced, or Replacement (Yes or No. No. No. No. Identity Built Replaced, or Replacement (Yes or No.	(b) Applicable Edi	tion of Section XI Utilized f	for Repairs or Re	placemen	tto- 1286	. W'80 Add	Code C	de Cases NONE	08
Component    Mfr.   No.   Bd.   No.   Identication   Built   Replaced, or Replacement   The property   Replaced   Replace	6. Identification of Co						Year	Repaired.	ASME Code
U-BOLT NUTS  N/A N/A N/A 1-2364-M-266 N/A REPLACE—MENT  NO. N/A N/A 1-2364-M-266 N/A REPLACE—MENT  NO. N/A N/A 1-2364-M-266 N/A REPLACE—MENT  NO. Description of Work INSTALLED NEW U-BOLT NUTS ON U-BOLT. OLD NUTS WERE NOTED AS MISSING DURING ISI INSPECTION.  8. Tests Conducted: Hydrostatic [] Paneuzastic [] Nominal Operating Pressure [] Other [X] YT-3/4-1  Pressure pai Test Temp. F  OCENTIFICATE OF COMPLIANCE  We certify that the statements usade is this report are correct and this REPLACEMENT conforms to Section XI of the LIMIT OF INSPECTION  OCENTIFICATE			No.		No.			Replaced, or	Stamped
7. Description of Work    INSTALLED NEW U-BOLT NUTS ON U-BOLT. OLD NUTS WERE NOTED AS MISSING DURING   ISI INSPECTION.	U-BOLT		N/A	N/A	N/A	The second secon	N/A	The second secon	NO .
7. Description of Work INSTALLED NEW U-BOLT NUTS ON U-BOLT. OLD NUTS WERE NOTED AS MESSING DURING ISI INSPECTION.  8. Tests Conducted: Hydrostatic [ ] Passurentic [ ] Noceanal Operating Pressure [ ] Other [ X ] Pressure pai Test Temp. F YT-3/4-1  9. Remarks APPLICABLE MANUFACTURERS DATA REPORTS ON FILE AT QCNPS.  CERTIFICATE OF COMPLIANCE  We certify that the statessessis made in this report are correct and this REPLACEMENT conforms to Section XI of the ASME Code.  Signed ASME Code.  CERTIFICATE OF INSPECTION  TITLE (DATE)  CERTIFICATE OF INSPECTION  the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Bilinois, employed by Hartford Stanes Boiler Inspection Agency of Hartford, CT have inspected the EPPLACEMENT described in this Report on 2-4-93 and state that to the best of my knewledge and boilef, this espair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificates, or the inspector nor his employer mains any warrantly, expressed or implied, concerning the repair or replacement—ribed in this Report. Furthermore, seither the Inspector nor his employer shall be liable in any manuaer for any personal anjury or property damange or a loss of any kind arising from or connected with this inspection.									*****
7. Description of Work  INSTALLED NEW U-BOLT NUTS ON U-BOLT. OLD NUTS WERE NOTED AS MISSING DURING ISI INSPECTION.  8. Tests Conducted: Hydrostatic [] Pensusonic [] Normand Operating Pressure [] Other [X] VT-3/4-1  9. Remarks: APPLICABLE MANUFACTURERS DATA REPORTS ON FILE AT QCNPS.  CERTIFICATE OF COMPLIANCE  We certify that the statements made in this report are correct and this REPLACEMENT comforms to Section XI of the ASME Code.  Signed	47.00000 4000000000000000000000000000000						•		0 - 15 - 10 M
S. Tosts Conducted: Hydrostatic [] Pneuszetic [] Pneuszetic [] Nozazel Operating Pressure [] Other [X] VT-3/4-1  D. Remarkz APPLICABLE MANUFACTURERS DATA REPORTS ON FILE AT OCNPS.  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 ASME Code.  CERTIFICATE OF COMPLIANCE  TITLE (DATE)  CERTIFICATE OF INSPECTION  The undernigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Blimois, employed by Hartford States Boiler Inspection Agency of Hartford, CT have inspected the EPPLACEMENT described in this Report on 2-4-93 and state that to the best of my knewledge and boilef, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, or the isspector nor bits employer stables any warranty, expressed or inspitiod, concerning the repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, or the isspector nor bits employer shall be Habbe in any snammer for any personal nightry or property desmage or a loss of any kined arising from or connected with this impaction.									**
8. Tests Conducted: Hydrostatic [ ] Passuzetic [ ] Passuzetic [ ] Pressure [ ] Other [ X ] VT-3/4-1  9. Remarks APPLICABLE MANUFACTURERS DATA REPORTS ON FILE AT QCNPS.  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 ASME Code.  CERTIFICATE OF INSPECTION  CERTIFICATE OF INSPECTION  CERTIFICATE OF INSPECTION  the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Illimois, employed by Hartford Stamm Boiler Inspection Agency of Hartford, CT have inspected the EPLACEMENT described in this Report on 2-4-93 and state that to the best of my knowledge and bolief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, or the isspector nor his employer malous any warranty, expressed or imaplied, concerning the repair or replacement in this Report. Furthermore, notities the Inspector mor his employer shall be liable in any manner for any personnal natury or property damage or a loss of any kined arising from or connected with this impaction.	7. Description of World	INSTALLED NEW U-	BOLT NUTS O	N U-BO	LT. OL	D NUTS WE	RE NOT	ED AS MISSIA	IG DURING
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.  May 4. State (Dayler or owners designed)  CERTIFICATE OF INSPECTION  TITLE (DATE)  CERTIFICATE OF INSPECTION  the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Illimois, esaphoyed by Hartford Steam Boiler Inspection Agency of Hartford, CT have inspected the EPLACEMENT described in this Report on 2-4-93 and state that to the best of my knewledge and bolief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, or the issuedctor nor his employer shall be liable in any manner for any personal nijury or property damage or a loss of any kind arising from or connected with this inspection.	8. Tests Conducted:	Hydrostatic [ ]			No	exinal Operation	g Press		
We certify that the statements made in this report are correct and this  REPLACEMENT conforms to Section XI of the  ASME Code.  Maint State  Maint S	9. Remarks APP	LICABLE MANUFACTU	RERS DATA R	EPORT:	ON FI	LE AT QCNP	S	THE RESIDENCE OF THE PARTY OF T	Complete Systems of Complete Systems on the
We certify that the statements made in this report are correct and this  REPLACEMENT conforms to Section XI of the  ASME Code.  Maint State  Maint S									
CERTIFICATE OF INSPECTION  the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Illimois, employed by Hartford Stamm Boiler Inspection Agency of Hartford, CT have impected the CEPLACEMENT described in this Report on 2-4-93 and state that to the best of my knowledge and belief, this epair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, or the inspector nor his employer makes any warranty, expressed or implied, concurring the repair or replacement in this Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal njury or property dumage or a loss of any kind arising from or connected with this impaction.	We certify that the str ASME Code.	atements made in this repo	CERTIFICATE	nd this			_ confo	rms to Section	XI of the
CERTIFICATE OF INSPECTION  the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Illimois, employed by Hartford Stanm Boiler Inspection Agency of Hartford, CT have inspected the EPLACEMENT described in this Report on 2-4-93 and state that to the best of my knowledge and belief, this epair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, or the inspector nor his employer makes any warranty, expressed or implied, concurring the repair or replacement in this Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal njury or property damage or a loss of any kind arising from or connected with this inspection.	Signed	1-tout p	Ma.	wt.	THE PARTIES AND ADDRESS OF	Market Street,	and an order to come and	3-6	-93
the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Elimois, employed by Hartford States Boiler Inspection Agency of Hartford, CT have isspected the EPLACEMENT described in this Report on 2-4-93 and state that to the best of my knowledge and bolief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, or the isspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement in this Report. Furthermore, seither the Inspector nor his employer shall be liable in any manner for any personal njury or property damage or a loss of any kind arising from or connected with this imspection.	1947	SPACETANNESS STATE THAT THE PARTY OF THE PAR	ERTIFICATE (	OF INSP			THE PERSON NAMED IN COLUMN		(DATE)
ir the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement in this Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal njury or property damage or a loss of any kind arising from or connected with this impaction.	REPLACEMENT 6	dding a valid commission is, employed by Hartford in this Report on	issued by the Na Steam Boiler In 2-4-93	ational B spection	oard of Agency	Boiler and Proof Hartford,	CT heve	isspected the	thia
2.5.62 40 00	b_ribed in this Repe	or his employer makes an ct. Furthermore, neither t	y warranty, exp he Imspector no	reneed o	r imagdia okorvar si	d, concerning half he liable is	the repe	de se empleosem	home
(INSPECTOR) (STATE OR PROVENCE, NATIONAL BOARD)	Date 3-15-93	Sordon C	30sex	b		emissions IL	971		L BOARD)

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THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWIND TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN	es Nuclear Power Station 5th Ave. North, Cordova, I	L 61242				Uni	1	
	Quad Cities Nuclear States th Ave. North, Cordova, II					WR	Q89781	
	RESIDUAL HEAT	The state of the s	The second second second		MATERIA E ENVERTANCIA EN LA MATERIA DE MATER			TO STATE OF THE PARTY OF THE PA
(b) Applicable Edition	ruction Code <u>USAS B31</u> on of Section XI Utilized for	Repairs or Re	placemen	sts- <u>1980</u>	W'80 Ad	, Code C denda, C	ode Cases NO	08
6. Identification of Con	oponents Repaired or Replac	ed, and Replac	cement C	DEEDOMEN	ats			
Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CR <sup>N</sup> a.	Other Identi- fication	Year Buik	Rep ired,	ASME Code Stamped (Yes or No)
18 RHR ROOM COOLER	BUFFALO FORGY.	N/A	N/A	N/A	1-5746A	N/A	REPAIRED	NO NO
8. Tests Conducted:	WELD REPAIRED ROO  Hydrostatic [ ]  Pressure _70_pmi  CABLE MANUFACTURE	Providence [ Tex Temp.	) AMB. F	No	minal Operatis			hor [X] T-2-1
We certify that the state		PTIECATE	OF COL	M ROMANDAMAN	NCE	1	russ to Section 1	Cl of the
Signed	Fort h	Main	,	5/3/(			3-6	
COWNE	CEI	RTIFICATE (	OF INSP	CTIO				(DATE)
REPAIR description of the inspector nor continued in this Report.	ing a valid commission is employed by Hartford So cribed in this Report on as been constructed in acco his employer makes any Furthermore, neither the ge or a loss of any kind ar	man Botter Ins 2-2-93 a ordance with S warranty, exp	spection and state section X respect or this section X	Agency that to I of the implies	of Hartford, the best of my ASME Code. I, concerning	CT have y knowle By sign the repo	imspected the dge and belief, ing this certific	this
Dete 3-15-93	Solon Bools	349	tions derivations		missions ZL	971	FOR SHARE THE REAL PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS OF THE	
	THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAME	THE RESERVE AND DESCRIPTION OF THE PERSON NAMED AND DESCRIPTION OF	SLICK STREET,	HIGHWAY MADE OF THE PARTY OF TH	STATE	OR PROV	THICE, NATIONAL	BOARD)

1. Owner	72 W. Adam	alth Edison ns, Chicago, IL 60690	Manuscotton				Dea	WILLIAM CONTRACTOR AND ADDRESS OF THE PARTY	i
2. Plant		Nuclear Power Station Ave. North, Cordova,	7 61949				Uni		
	22/10 200th	Ave. North, Cordova,	L 61242						
3. Work Po		Quad Cities Nuclear St					WR	Q98663	
	22/10 206th	Ave. North, Cordova, 1	L 61242						
4. Identific	ation of System	HIGH PRESSURE	COOLANT I	NJECTI	ON		The second second second	M DEFENDER AND POST OF THE PARTY OF THE PART	
5. (a) Appl	icable Construc	tion Code USAS B31	.1 / 1967	Edition,	N/A	Addenda	. Code C	assa NONE	
(b) Appl	icable Edition o	of Section XI Utilized fo	r Repairs or Re	placeme	ats- 1980	W'80 Ad	denda, C	ode Cases N3	08
6. Identific	ation of Compo	nents Repaired or Repla	cod, and Renlad	coment C	removement.	re .			
Nag	Die Of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	ASME Code
	ROOM	Mfr.	No.	Bd. No.	No.	Identi- fication	Built	Replaced, or Replacement	Stamped (Yes or No)
C00	LER PLATES	N/A	N/A	N/A	N/A	1-5747	N/A	REPAIRED	NO
8. Tests Con	ducted: Hy	VELD REPAIRED RO drostatic [ ] saure _70_ pai BLE MANUFACTUR	Promonetic [ Test Temp.	) AMB. F	Nos	minal Operation	ng Pressu	re [] Oti	TES. her [X] T-2-1.1
	An and the control of								
We certify th ASME Code.	ant the stateme	mts made in this repor	ERTIFICATE	OF CO	REPA		_ comfor	rms to Section X	I of the
oigned	SUZ	tool h	,	12 int	. 54	ff.		3-6	-93
	(OWNER OF	COVERS DIRECHES)	A STREET, STRE		Tm	E		2-6	(DATE)
EPAIR epair or repi er the in	descrit lacement has b spector nor his this Report. Fu	a valid commission is aployed by Hartford St and is this Report on seem constructed in acc amployer sealor any arthermore, seither the	2-2-93 a ordence with S warranty, expe	tional Be spection and state section X ressed or	Agency of B Agency of that to t I of the A	older and Prof Hartford, the best of my ASME Code.	CT heve y kmowie By signi the repa	imspected the dge and belief, ing this certifica	this in,
ate 3-1		or a lose of sury kined as	rising from or	Commecte	IN WHERE EX	nes mespection			Process
	THE OWNER ALL PROPERTY AND ADDRESS OF THE OWNER AND ADDRESS OF THE OWNE	(INSPECT	(A)	TO THE OWNER OF THE OWNER OWNER OF THE OWNER OWNER OF THE OWNER OW	Commi	Car Are	7//	NESOSE DICE, NATIONAL	
		The second second second second second second second	DO COMPLEMENT MANAGEMENT AND ASSESSMENT AND	THE PARTY AND PERSONS ASSESSED.	CHARLE STATES IN COLUMN	STATE	WE LECTA	BPCE, NATIONAL	MOARD)

### As Required by the Provisions of ASME Code Section XI

1. Owner	72 W. Ader	alth Edison ns. Chicago, IL 60690					Des	e 3/22/93 et 1 of 1	
2 offens	CALL DOWNSTONES SPECIAL SERVICE SERVIC		MILES PARTICIPATION						-
2. riant		Nuclear Power Station Ave. North, Cordova,	IL 61242				Umi	1	
3. Work Pe	rformed by	Quad Cities Nuclear S	tation				WR	Q01105	
	22710 206th	Ave. North, Cordova,	IL 61242					***************************************	
4. Identifica	ation of System	CONTROL ROD	DRIVE						
5. (a) Appli	icable Constru	ction Code ASME SE	C III CT 1 / 189	71	Edia	C 173	4.4	4-4-0-1-0	
(b) Appli	icable Edition	of Section XI Utilized	or Repairs or Re	placeme	ats- 1980	W'80 Ad	denda, C	dende, Code Cas ode Cases N3	OS 1361-2
		opents Repaired or Repl							William St.
Nem	ne of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	ASME
Comp	onent	Mfr.	No.	Bd. No.	No.	Ideati- fication	Built	Replacement	Code Stamped
CONT		GENERAL	The second contrast of						(Yes or No)
DRI	IVE	ELECTRIC CO.	362	N/A	N/A	N/A	1968	REPLACED	YES
CONT		GENERAL						District of the second section whereas	
DRI		ELECTRIC CO.	A9166	N/A	N/A	N/A	1991	REPLACE- MENT	YES
					-	*****************	-	ATTACA T	
						AND ASSESSED IN COLUMN TO ASSESSED.			CHINA CONTRACTOR STREET, STREE
Description	(1)					The second second second second second		COLUMN TO THE PARTY OF THE PART	AND SHAREST PROPERTY OF THE SHAREST PARTY OF THE SH
. Descriptio	m of work	REPLACED CONTRO	OL ROD DRIVE	LIKE	FOR LIB	Œ.			***********
. Tests Con		ydrostatic [X]	Presentic [	1	Nos	ninal Operati	na Pressa	are [ ] Or	pae [ ]
	Pr	essure 1110 pai	Test Temp.	200 F					
Remarks	APPLIC	ABLE MANUFACTU	RERS DATA RI	EPORTS	ON FIL	E AT OCNI	PS		
	-	The second of th				The state of the s			
	THE STREET CO. S. L. S.		CERTIFICATE	OF CO	AFPI TAN	ICPP	ADDRESS OF THE PARTY OF T		Colonia de la Colonia de Colonia
e certify the	ant the statem	wats made in this repo	rt are correct as			ACEMENT	confo	runs to Section )	CI of the
SME COOR.	·	- ,,							
igned	7114	or h	Mant 5	+2-+				3-23-	93
CONTRACTOR AND AND AND AND	(OWNER C	R OWNERS DESIGNEE)	CONTROL OF STREET		Tm				(DATE)
		C	ERTIFICATE (	OF INSP	ECTION				
the undersi	igned, holdin	g a valid commission i	second by the Na	tional B	oard of E	Soiler and Pr	ensure V	amal Inspectors	
THE PARTY CAPTERING	THE REALITICISMS WE	mployed by Hartferd ! ibed in this Report on	Manage Minches I my	Personal Lorum	A management of	A TT- MAN-	PRIST S.		
A OR LEGIS	ARTICLE STREET, EASIE.	manus commercacion in se	standaure with S	arrivan 8	The state of the State of	A STREET COM	Man adam	1 46-1 41#2	
ean ease ma	DEPOSITS BELLEVILLE	NG CHILDSOYNAY BUGGLESS CHI	F WEDSFERSONS ARREST	ercy read ou	m semantinal	-	48		
MANUAL SERVICE SERVICES AND AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IN COLUMN TW	reaso neoficial. F" L	urthermore, neither t	he imprecior mor	BOSE SERVICE	shower ele	all he Kehle i	-	asser for any p	ersonal
ate 3-2		800	0						
7-A	6 77	acum Use	THE STATE OF THE S		Comm			MB8088	
A STREET, SALES OF STREET, SALES		(IMSPBC	TOR)	NOT THE OWNER OF THE OWNER OF THE OWNER.	THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUM	(STATE	OR PROV	TINCE, NATIONAL	L BOARD)

# FORM NIS-2 OWNERS REPORT OF MEPAIR OR MEPAIR O

						AND DESCRIPTIONS OF THE PARTY O	SHARING SHARING SALVESTED	CAPPARTS BEAPT STATES ASSESSMENT STATES	NAME AND POST OFFICE ASSESSMENT OF THE PARTY
1. Owner	Common	weelth Edison							
	ARTHUR RATINGS AND RESIDENCE AND RESIDENCE	dams, Chicago, IL 60690	MEAN CROSS					e 3/22/93 st 1 of 1	
	ALL PARTY DESIGNATIONS OF THE PARTY		With the same of t				State	En A OI A	PERSONAL PROPERTY AND PROPERTY
2. Plant		ine Nuclear Power Station					Uni	1_1	
	22710 200	6th Ave. North, Cordova, I	L 61242					***************************************	
3. Work Pe	erformed by	Quad Cities Nuclear Sta	nia.				-		
		6th Ave. North, Cordova, I					WE	Q03654	
	CHARLES BY BUCKHOOM PARTIES OF	A BEST OF THE PARTY OF THE PART	The state of the s						
4. Identific	ation of Sys	RESIDUAL HEAT	REMOVAL						
5 (a) Amali	inchia Canad						THE REAL PROPERTY AND ADDRESS CONTROL	- A-1-6-War-2001 - A-40-02	
(b) Apple	icable Editio	truction Code USAS E31. on of Section XI Utilized for	.1 / 1967	-lane	dition	N/A A	ddenda,	Code Cases	AND A STATE OF THE PERSON OF T
(-)	Production dominately	AL OF SOCIONE AL OULERS FOR	rebens or rel	personanie.	1787		dauda, C	ode CasesN3	Q8
6. Identifica	ation of Con	oponents Repaired or Replac	oed, and Replac	ement C	ompones	ats			
Nazi	ne of	Name of	Mfrs. Ser.	Mat'l	CRN	Other	Year	Repaired,	ASME Code
Comp	tasano	Mfr.	No.	Bd.	No.	Identi-	Built	Replaced, or	Stamped
RHE	HX	The second secon		No.		fication	-	Replacement	(Yes or No)
REVE	RSING	N/A	N/A	N/A	N/A	1-1001-	N/A	REPLACED	NO
PARTICULAR DESIGNATION OF THE PARTY NAMED AND	LVE					185A	1	BALLE NAME (LEAS)	NO
RHR		12107107 62 1 72 72 7				THE REAL PROPERTY AND ADDRESS OF THE PARTY O			ACTION OF THE PARTY AND ADDRESS OF THE
VAL		ANCEOR/DARLING	E-T057-1-2	N/A	N/A	1-1001-	N/A	REPLACE-	NO
POST CHARLES AND ADDRESS OF THE PARTY OF THE		And the state of t			-	185A	-	MENT	
							1		1.00
THE SALESHANDS		A PARTY AND A PARTY OF THE PART	CONTRACT TO THE A S. CO. THROUGH THE VALUE OF THE ABOUT THE						
					1				
	THE RESERVE OF THE PARTY OF THE	The second secon		-					THE CASE OF THE PARTY OF THE PA
7. Descriptio	a of Work	REPLACED VALVE LI	IKE FOR LIK	2					
8. Tests Con	dunte de	T.V.	The state of the s					AND	Constitution of the section of
c. I dets COS		Hydrostatic [ ] Pressure 442 psi	Promunatic [		No	minal Operati	ng Prooss		her [X]
	S 2	. resoure _TIA_pag	Test Temp.	MAR_ I	1			VI	[-2-1
9. Reznarks	APPLI	CABLE MANUFACTURI	ERS DATA RE	PORT	ON FI	LE AT OCN	24		
	OCEANIC DE SECURIO DE		The second secon	NAME OF TAXABLE	The same of the same of	HARMONICO MINICARRON CANON MANAGEMENTO	esperante espera	Maria de la companya	Comments where the second
S APPROVED TO A STREET STREET,	ANTHONOUS PROGRAMMENT			OTTOMIC LIMITING IN.		A COMPANY OF STREET, S	NO N. OLONO DE LA COLONIA DE L		
We cartify th	ant the state	Ci	ERTIFICATE	OF CO			2	AND A STATE OF THE	Market State Section 2017, State Co. State Section Section 2
ASME Code	THE SOME PRINCE	ments made in this report	are correct as	d this	REPL	ACEMENT	_ confo	russ to Section 1	KI of the
	7.	- 11			00				
Signed	161-	town	Ms.at	Sta				3-23.	93
PERSONAL SERVICE SERVICE SE	(OW HE	R OR OWNERS DESIGNED)			Trr			THE REAL PROPERTY OF THE PARTY	(DATE)
		CE	RTIFICATE O	of insp	ECTION	A		tin di Salam di Mangalana sa para di Banara da Salam di S	- Commission of the Commission
the undersi	ismed hold	ime a valid commission to	and by the No						1/1.5
		ing a valid commission iss employed by Hartford St							
AND STREET, STREET, ST.	SECTION A Product	CATRODORNA BOR EXPOSE RECOMPLISHED A	3 - 12 - 7 3 m	mail monda	Oftend Am	Allen Browns and ann	- A	A	able
schumes on table	MARKATER STREET, BOOK	NOT CAMPAGE CONTINUES TAXABLE TO BE BUTTON	tativation consistent for	sumblemen 9	T all Alex	A COR AND AS - A -	W		
AND RESIDE WITH	SERVICE AND SERVICE	L MANN CANNOTONICLANCE, MANDERSHE WITH A	WINDSWOODS AND	manned m	m American River		48		
	maximum successional artists and	. At the carein process of the process of the	REPORTS AND A STATE OF THE PARTY OF THE PART	Blocker amounts or	American make	NO B NO B N - C	the second of the second	ammer for any p	ersonal
A-) - b- a	hour e'h emmonti	ge or a loss of any kind as	many from or	commect	ad with t	this impraction	B.		
Deste 3-2	6-93	Gordon Joslan	and the same of th		Comm	minulesma 2L	971	NA SIR	
THE PERSON NAMED OF THE PE	THE PERSONNEL PROPERTY.	(INSPECTO	OR)	CONTROL STREET	Contraction of the same of the			PICE, NATIONAL	BOARD)
			THE RESERVE OF THE PERSON NAMED IN	THE RESIDENCE OF THE PARTY OF T	CHARLEST STREET, STREE	COMPANY OF THE OWN PROPERTY OF	WHITE SHAPE STREET, T	THE RESERVE TO SERVER AND THE PARTY AND THE	we wrong the same of

1. Owner	72 W. Ada	salth Edison ns, Chicago, IL 60690						3/22/93 x 1 of 1	
2. Plant	COLUMN SAME TIMES AND SAME TO SERVICE WITH	Nuclear Power Station Ave. North, Cordova,	П. 61242				Unit	1	
	22710 206t	Quad Cities Nuclear St a Ave. North, Cordova,	ation IL 61242				WR	Q01109	
5. (a) Appli (b) Appli 6. Identification	icable Constru icable Edition	ction Code ASME SE of Section XI Utilized for concents Repaired or Repl Name of Mfr.	C III CL1 / 197 or Repairs or Re	placeme	ats- 1980.	W'80 Ad	Addends, Co	Repaired, Replaced, or	ASME Code
RO	TROL OD	GENERAL ELECTRIC	618	N/A	N/A	N/A	1968	Replacement	Stamped (Yes or No) YES
CONT	IVE IROL OD IVE	CO.  GENERAL  ELECTRIC  CO.	2621	N/A	N/A	N/A	1970	REPLACE- MENT	YES
7. Descriptio	on of Work	REPLACED CONTRO	DL ROD DRIVI	E LIKE	FOR LD	Œ.			
8. Tests Con	P	ydrostatic [X] ressure	Pasuzastic [ Test Temp. ]	200 F		minal Operation		270 [ ] O	ther [ ]
We certify the ASME Code	hat the states	names smade in this repo		OF CO	REPL	NCE ACEMENT	confo	3 - 23 - 9	
Mark Street, Company of the Street,	COWNER	OR OWNERS DESIGNES)	ERTIFICATE		Tm				(DATE)
REPLACENT or replacement the intercept the i	ENT described the maps of this Report. operty damag	og a valid communication is supplyed by Hartford ? ribed in this Report on a been constructed in achie employer makes au Furthermore, neither the or a less of any kind	Steam Botter In 2-9-9-3 cordance with ; y warrassty, exp he Inspector no arising from or	spection and stat Section : wrosed s	Agency e that to XI of the er implies ployer sk ted with t	of Elartford, the best of a ASME Code d, concursing all be liable this inspection	CT have ty knowle . By sign the repe in any m on.	imspected the edge and belief, sing this certific	this cate,
MARKA MARKATAN CALIFORNIA		(INSPEC	TOR)	PARTY I MEXICON WALL		(STATE	OR PROV	VENCE, NATIONA	L BOARD)

		alth Edison ns, Chicago, IL 60690	MPERMANEN				Dat	e 3/16/93 et 1 of	1
		Nuclear Power Station Ave. North, Cordova, I	L 61242				Uggi	1	
		Quad Cities Nuclear Sta Ave. North, Cordova, I					WR	/ Q89806	
4. Identificatio	n of System	MAIN STEAM	NACE OF STREET WAS ARRESTED BY STATE OF STATE STREET						
(b) Applicat	He Edition	ction Code ASME SE of Section XI Utilized fo	r Repairs or Re	placeme	nts- 128	0. W'80 Add	, Code C lenda, C	Cases NONE Code Cases N3	08
6. Identification	n of Compo	onents Repaired or Repla		cement C	отпрове	ests			
Name o Compose	ent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Replaced, or Replacement	ASME Code Stamped (Yes or No)
TARGET R RELIE VALVE	F	TARGET ROCK	224	N/A	N/A	1-6263-3A	N/A	REPLACED	YES
TARGET R RELIEI VALVE	F	TARGET ROCK	198	N/A	N/A	1-0203-3A	N/A	REPLACE- MENT	YES
7. Description o	ted: Hy	REPLACED VALVE L	Procumetic [ Test Temp.	)	No	ominal Operation	g Pressu	ave [ ] Od	ber [ ]
9. Remarks	APPLICA	ABLE MANUFACTUR			ON FY	LE AT QCNP	s.		
We certify that ASME Code.	the statem	ents made in this report		OF CO	REPI	LACEMENT	confe	runs to Section )	
	(OWNER O	E OWNERS DESERVEE)	2.1		Tri	NAMES OF THE OWNERS OF THE OWNER, WHEN PERSONS NAMED IN		3-23-9	MCA-WATERANGE BERKER WATER BERKER
, the undersigns and the State of REPLACEMEN epair or replace 'ber the image	ed, holding Illimois, er Tdescri unent hes	ce g a valid commission is sployed by Hartford St bed in this Report on been constructed in acc is employer wasten and	2-2-93 ordance with S	tional B spection and state section 3	ECTIOnard of Agency that to I of the	Boiler and Pre of Hartford, ( the best of my ASME Code.	CT heve knowle By sign	isspected the edge and belief, sing this cartifica	this
njury or proper	ty decmage	or a loss of any kind a	R RESERVE PROPERTY PROPERTY AND A SECOND PROPERTY OF THE PROPE	P Brost starms	the common selection	north than Kimballa La		nomer for may p	trecesi
hate 3-27-	93 0	Norton Gost	08)	THE RESIDENCE OF THE PERSONS OF	Comm			NB 8088	
THE RESERVE OF THE PERSON NAMED IN COLUMN TWO	THE PERSON NAMED IN COLUMN 2 I	STATE OF THE PARTY				STATE	UR PRON	INCH. PLATROMAI	PSC(ARP)

1. Owner	CHARGE MANUFACTOR MARKET CHROSTON SHOWING THE	ealth Edison ims, Chicago, IL 60690	PRINCES CONTRACTOR CONT				Dat	SECURITION OF THE PERSON NAMED IN COLUMN	1
2. Plant		s Nuclear Power Station th Ave. North, Cordova, 1	IL 61242				Uni	1	
3. Work Pe		Quad Cities Nuclear Sta h Ave. North, Cordova, I					WR	// Q89802	
5. (a) Appli (b) Appli 6. Identifica	icable Coustre icable Edition	en MAIN STEAM  action Code ASME SE  n of Section XI Utilized for  coments Repaired or Rapla	r Repairs or Re	placeme	ats- 1280	W'80 Ad	, Code C	Cases NONE	QE_
Comp	nomenat	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SAF1 VAL	LVE	DRESSER IND.	BK6529	N/A	N/A	N/A	N/A	REFF.ACED	YES
MAIN S SAFI VAL	ETY	DRESSER IND.	BL1120	N/A	N/A	N/A	1978	REPLACE- MENT	YES
7. Descriptio	a of Work	REPLACED VALVE L	IVP EAR VIV						
8. Tests Cone 9. Remarks	ducted: H	lydrostatic [X] ressure 1110 psi ABLE MANUFACTUR	Promenatic [ Test Temp.	] 200 F		einal Operati		are [ ] Od	ber [ ]
We certify the ASME Code.	at the states	aessts snade in this report	Maint.	ed this	REPL	ICE ACEMENT	: confe	rms to Section X	
Liver and the Control of the Control	(OWNER	OR OWNERS DESIGNEE)	4,70		Tm	ı	Personal Security	3-23-	THE RESIDENCE OF THE PERSON NAMED IN
epair or repl	ENT descr acoment has speciar nor his Report. ) party damag	rg a valid commission in amployed by Hartford Stribed in this Report on been constructed in accurate employer makes any terthermore, neither the or a lose of any kind as	ordance with S warranty, exp	tional Be spection and state action X ressed or	ection  ourd of B Agency of that to t I of the i implied Agyer she ad with ti	leiker and Prof Hartford, its best of my ASME Code, concerning all be limble in his imspection	CT have y knewto . By aign ties repa a assy ma	inspected the dge and belief, ing this certifica ir or replacement anner for any po-	this ite,
STATE OF THE PARTY		(IMEPRICA	OR)	-	Comm	- ORGANIA PROPERTY	THE REAL PROPERTY AND ADDRESS OF THE PARTY AND	NIS SOS &	BOARD)
		The second secon	A STATE OF THE PARTY OF THE PAR	NAME AND ADDRESS OF THE OWNER, OR OTHER	A PRINCIPAL OF STANSON	CONTRACTOR OF THE PARTY OF THE	DELINGER/DESCRIPTION	THE PART OF ALL	aninau)

1. Owner	72 W. Adam	alth Edison s, Chicago, IL 60690	Quad C	ities Nuc	ioer Stat	tion	Dat	3/16/93 et 1 of	
2. Plant	Quad Cities	Nuclear Power Station					Uni		_
	22710 206th	Ave. North, Cordova,	IL 61242				0 445	· ·	
3. Work Pe	rformed by	Quad Cities Nuclear S	tation				\$37D		
	22710 206th	Ave. North, Cordova,	IL 61242				W.W.	// Q00795	
4. Identifica	ation of System	REACTOR REC	IRC						
5. (a) Appli	cable Construc	tion Code _ASME S	EC I MOD / 190	65	Edition,	N/A	Addenda	, Code Casse	N/A
(v) Appu	Laore Edition (	of Section XI Utilized i	for Repairs or Re	placeme	nts- 1980	. W'80 Ad	denda, C	ode Cases N	108
6. Identifica	tion of Compo	nents Repaired or Repl	aced, and Renia	rement C	'omnone.				
14800	10 01	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired.	4.63.60
Comp		Mfr.	No.	Bd. No.	No.	Identi- fication	Built	Replaced, or Replacement	ASME Code Stamped
RECIRC						Manufacture of the Control of the Co	1-	No. Controlly	(Yes or No)
FLAN		N/A	N/A	N/A	N/A	1-0202B- 28"-A	N/A	REPAIRED	NO
		MARKET WE SHELL A PROPERTY OF THE PROPERTY OF							
Wildelik HAARSON		THE RESERVE OF THE PROPERTY OF							
			Programme 1						
7 Description	-639/								
		ELDED AND MAC	HINED FLANG	E SEAL	ING SU	RFACE		WARRING SEAL PROPERTY OF THE P	
8. Tests Cond		trostatic [X]	Passanatic [		No	minel Operation	of Pressu	1 0e	ber [ ]
		nstere 1110 pei	Test Temp.						max [ ]
9. Remarks	APPLICA	BLE MANUFACTUE	RERS DATA RE	PORTS	ON FI	LE AT QCNP	S.		
	AND DESCRIPTION OF THE PARTY OF			A Michellander and	-	The second second second second second			
We certify the	at the statemen	nts made in this repor	ERTIFICATE	OF CO	MPLIAN	NCE	CONTROL MANAGEMENT	MATERIAL PROPERTY AND ASSESSMENT	Anna Department of the Control of th
SME Code	no same dewretering	as made in the repor	nt are correct ass	d this	REPA	IR	confe	rus to Section )	CI of the
igned	1/1	Folk	M.		C</td <td>Y</td> <td></td> <td></td> <td></td>	Y			
STATE OF THE PERSON NAMED IN COLUMN	(OWNER OR	OWNERS DESIGNEE)	//2//	nt:	THE RESERVE THE PROPERTY OF THE PERSON NAMED IN COLUMN 2 IN COLUMN	4	NEW COLUMN STREET, SPINSTER	3.23-9	73
		PRODUCE SHARE SHARE SHARE FOR THE PARTY SHARE SH	ERTIFICATE O	E INCH	Tim	A. S.	MACANINI MANAGEMENT DES	MANUSCRIPTOR METATOR MANUSCRIPTOR	(DATE)
41									
nd the State	rned, holding of Illinois, am	a valid commission is ployed by Hartford S ed in this Report on	sued by the Nat beam Boiler Inc	ional Bo	ard of E	Soiler and Pro	T home	med Impectors	
DRIF OF Punis	Geocrib	ed in this Report on	1-21-93 8	nd state	that to	the best of my	kapwie	dge said belief.	thia
er the ires	mechar mor bis	annelone moless	PARK CHESTONE AND THE	W BOUDS	r of the	ASME Code.	By signi	mg this certifica	ión.
. ibed in th	is Report. Fu	Thormon mithouset	week amery, expe	camed 6t.	murbeed	, concurring	the repai	er eplaceme	ext
Jury or prop	erty damage o	s a loss of any kind a	wising from or	commecte	d with t	aa we mance in his immaction	BELY MA	maar for any po	lamos ni
mate 3-27	1-93	Jon OS	le-						,
COOL-POSTERIC LABOUR	CONTRACTOR OF THE PERSON NAMED IN COLUMN NAMED	(INSPECT	man and a second		Comen			NB 8088	
Address	The state of the s	ACTION AND ACTION ACTION AND ACTION AND ACTION AND ACTION ACTION ACTION AND ACTION ACTIO		DECISION OF STREET		(STATE O	DR PROVI	DICE, NATIONAL	BOARD)

The second secon		AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	STATE STREET, STATE OF STATE O	N DERNOOPEREN MEET	CONTACTOR MESSAGE	PERSONAL PROPERTY OF THE PERSON NAMED IN COLUMN 1 WHEN THE PERSON NAMED IN	CHARLES STATE OF THE PARTY OF T	TORSON CONTRACTOR AND ADDRESS OF THE PARTY O	MORRISHA PARAMETER CAN
1. Owner	Common	swealth Edison							
I. Owner	COLUMN THE RESEARCH	dams, Chicago, IL 60690	PACENTA MONISONS					3/16/93	
	The W. P.	Marin, Calcago, IL 00090	PREPARA VICANOSIS.				She	et 1 of 1	-
2. Plant	Ound Ci	ties Nuclear Power Station							
a. A some		O6th Ave. North, Cordova,	77 61040				Unit	1	
	44/10/2	COM AVE. NORM, CORDOVE,	LL 6:242						
3. Work Pe	erformed by	y Quad Cities Nuclear St	ntina						
J una 2 u		Ooth Ave. North, Cordova,					WR	Q01102	
	Ando / E.V. &A	JOHN AVE. NOTEL, CONSOVE,	LL 01242						
4. Identifica	stion of Sv	Stem CONTROL ROD	TABTUR						
	o. o,	CONTROL BOD	LUBLI V E.	-	THE PERSON NAMED IN COLUMN	Animal and Organization of Publishing Spinishing Spinis			
5. (a) Appli	ic ble Con	struction Code ASME SE	C TIT CT.1 / 196		T.A.	tion, W'6		d	
(b) Appli	ical e Edit	ion of Section XI Utilized fo	or Renairs or Re	nlacemo	1080	W'80 Ad	danda C	dends, Code Cas	06 1361-2
			a magaman un nu	Sycamore	Was YS	Acamerican Pass	CARCINGE, C	ode CHEE TAS	Marie Committee
6. Identifica	ation of Co	emponents Repaired or Repla	ced, and Replac	ement C	omnonee	ntse			
Nam	ne of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	ASME
Comp	tanaoo	Mfr.	No.	Bd.	No.	Identi-	Built	Replaced, or	Code
				No.		fication	-	Replacement	Stamped
-		Company of the second s							(Yes or No)
CONT		GENERAL				Many and bearing the second			1240 08 110)
RO		ELECTRIC	1653	N/A	N/A	N/A	1970	REFLACED	YES
DRI	Named Column Street Street, Square,	CO.							
CONT		GENERAL						The same of the sa	THE RESERVE OF THE PARTY OF THE
RO DRI	-	ELECTRIC	500	N/A	N/A	N/A	1968	REFLACE-	YES
DAL	VE.	CO.	-	-				MENT	
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and systems in an extension	THE COLUMN THE COLUMN TWO IS NOT THE COLUMN	AND THE STREET WHEN THE PARTY AND THE STREET, WHEN THE STREET WHEN THE STREET, WHEN THE STR		-	-	MONTH OF THE PARTY OF THE PARTY.	-	The second secon	
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		A CONTRACTOR OF THE PROPERTY O				THE RESEARCH SHOW SHOW THE PARTY OF THE PART			APPENDICTION OF THE PERSON NAMED AND ADDRESS OF THE PERSON NAM
<ol><li>Descriptio</li></ol>	a of Work	REPLACED CONTRO	L ROD DRIVE	LIKE	EYND I IN	CIP			
		ACCOUNTS OF THE REAL PROPERTY OF THE PROPERTY OF THE PARTY OF THE PART	CONTROL OF THE PARTY OF THE PAR	Service States	S C/SC Acta	Time (%)	THE PERSON NAMED IN	THE WAY SHOWN SHIP WITH THE REAL	
8. Tests Cope	ducted:	Hydrostatic [X]	Pasumetic [	1	No	minal Operation	- B		
		Pressure 1110 pai	Test Temp.	200 F	140	manus Operation	of Lieses	me [ ] Oc	her [ ]
				-					
9. Remarks	APPL	ICABLE MANUFACTUR	ERS DATA RI	EPORT	ON FI	LE AT OCNI	PS		
	MICHIGAN COLUMN	NAMES OF THE OWNER, AND ADDRESS OF THE OWNER, WHEN THE PARTY OF THE OWNER, WHEN THE PARTY OF THE OWNER, WHEN T				THE REAL PROPERTY AND ADDRESS OF THE PARTY AND	Make to at 1880 April April April April	THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, THE	
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No		(	ERTIFICATE	OF CO	MPLIAN	NCE	Desirement of the Control		
ove certally th	mt the sta	tements made in this repor	t are correct as	ed this	REPL	ACEMENT	confo	res to Section 3	CI of the
ASME Code.	_								
Signed	11	Fm/h	41	,	-11	7		143,000	
org table	1500	7000 11	1/9	· ait	5/2-	- 4		3-23-9	3
	NWO	ER OR OWNERS DESIGNES)	The state of the s	American National	Tm			CONTRACTOR OF THE PROPERTY OF THE PROPERTY OF	(DATE)
		CI	THE CATE	of insp	ECTION	V	THE PERSON NAMED IN	THE RESIDENCE OF THE BAY SHOP AND	The state of the s
the medami	lowed had	A							
nd the State	of Wines	ding a valid commission is	mond by the Na	tional B	oard of l	Boiler and Pr	essere V	essel Enspectors	
									this
	CHARGOS SEASON STANDS	THE R. LEWIS GLASSINGS TRANSPORTER: RESERVOIT STATES A PLANT	AD BURGETSHINGSCHUM GEWAN	Phone and the	man and the same of the same o	- 90 6 - 94 - 5 6 - 6		anmer for any p	ersona/
	han of morning	and a more at many are story	aning from or	Commect	ed with 6	his impection	B.		
Date 3-27	1-93	Stocken Bolan						ATELE .	
neresteaments	- Samuel				Comm	ninsions IL	971.	NO 8088	
THE RESIDENCE OF THE PARTY OF T	Name of Street or Street, or Stre	(INSPEC	rOk)			(STATE	OR PROV	BOCE, NATIONAL	BOARD)

1. Owner	AND DESCRIPTION OF THE PARTY OF	malth Edison ms, Chicago, IL 60690	or Malaumole All La				Dete	Character and an opposite an entire to	
2. Plant	STREET, WHITE STREET,	Nuclear Power Station h Ave. North, Cordova, I	IL 61242				Unit	1	
3. Work Po	the state of the s	Quad Cities Nuclear Sta h Ave. North, Cordova, I	MANUFACTURE AND PROPERTY OF THE PERSON OF TH				WR	Q89888	
5. (a) Appl (b) Appl	icable Constru icable Edition	m MAIN STEAM action Code ASME SE of Section XI Utilized fo	r Repairs or Re	placeme	nts- 1980	W'80 Ad	, Code C	ases NONE ode Cases N3	D8
Nan	ation of Comp me of poment	onents Repaired or Repla Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
SAF	STEAM ETY LVE	DRESSER IND.	BK6295	N/A	N/A	N/A	N/A	REPLACED	(Yes or No) YES
SAF	STEAM ETY LVE	DRESSER IND.	BK7164	N/A	N/A	N/A	N/A	REPLACE- MENT	YES
8. Tests Con  O. Remarks	sducted: H	REPLACED VALVE L  lydrostatic [X] ressure1110_pmi  CABLE MANUFACTUR	Presumetic [ Test Temp	] 200 F		minal Operati		are [ ] Ot	ber []
Ve certify to SME Code	hat the states	ments made in this repor	ERTIFICATE  there contact a	end this	REPL	NCE ACEMENT	coefe	rums to Section :	
A COLUMN TO THE REAL PROPERTY.			RTIFICATE			V	The forest Adolesce agency		(DATE)
EPLACEN epair or rep er the is ribed in	fENT described the construction of the constru	ng a valid commission is amployed by Hartford S ribod in this Report on a been constructed in ecchis employer makes asy Furthermore, maither the er a less of any kind a	2-4-93 cordance with warranty, expector no	and stat Section : pressed or r his em	Agency e that to XI of the r implies ployer sh led with t	of Hartford, the best of m ASNE Code I, concerning will be limble this impactic	CT have ty knewi i. By sign the rep in assy so si.	e imspected the edge and belief, ning this cartific air or replacements makes for any p	this nis, set ersonal
		(INSPEC	ron)	Micano e Monaco	Сони	- TEXABLE	<b>EXISTINGS OF THE PROPERTY OF THE PARTY OF T</b>	VENCE, NATIONA	PARTIE AND ADDRESS OF THE PARTIES AND ADDRESS OF

KIN WALKERSON AND		FUKM I 15-2 U	wners repu	ORT OF	KEPAIR FASME (	OR REPLA	CEMEN XI	T	
1. Owner	Commonv	vealth Edison					Des	2/1//02	
-	72 W. Ad	ams, Chicago, IL 60690	MARKET MA				She	ACCUPATION AND ADDRESS OF THE PARTY OF THE P	1
2. Plant	Quad Citie	s Nuclear Power Station					Uni		
		th Ave. North, Cordova,	IL 61242				Uni	1	-
3. Work Perfe	ormed by	Quad Cities Nuclear St	anti-ma						
	22710 206	th Ave. North, Cordova,	IL 61242				WR	# <u>Q89864</u>	
4. Identification									
(v) Applica	OSC EASIBOR	n of Section XI Utilized for	or Repairs or Re	placeme	ots- 1980	W'80 A	L, Code (	Cases NONE	08
Name (	of Com	Ponents Repaired or Repli	Mfrs. Ser.	Nat'l			-	Particular and the same of the	
Сощров		Mfr.	No.	Bd.	CRN No.	Other Identi-	Your Built	Repaired, Replaced, or	ASME Co Stamped
MAIN ST	FAM			No.		fication		Replacement	(Yes or No
SAFET VALV	Y E	DRESSER IND.	BK6531	N/A	N/A	N/A	N/A	REFLACED	YES
MAIN STI SAFET		DRESSER IND.				No. 2 and Other Department State of Graph	-	THE RESIDENCE OF THE PARTY OF T	
VALVI	-	DRESSER IND.	BK6294	N/A	N/A	N/A	N/A	REPLACE- MENT	YES
Tests Conduc	APPLIC	REPLACED VALVE I	Presumatic [ Test Temp	DEPORTS OF CO	ON FIL		PS	rens to Section 3	CI of the
www.communit	(OWNER	OR OWNERS DESCRIEZ)	7/3/101		TITL	E	TO A PERSONAL PROPERTY AND A P	3-23.9	THE RESERVE AND ADDRESS OF THE PARTY NAMED IN COLUMN TWO
		CE	RTIFICATE (	F INSP	ECTION	CONTRACTOR OF STREET	NAME AND DESCRIPTION OF THE PARTY OF THE PAR	THE WORK ME AND DESCRIPTIONS AND ADDRESS.	(DATE)
PLACEMEN pair or replace ther the image ribed is this	T descriment has actor more leaders.	ng a valid commoission is employed by Hartford S ribed in this Report on been constructed in acc his employer makes any Furthermore, suither the e or a less of any kind a	3-27-93 a ordance with S warranty, expe	pection X ranged or	Agency of that to the I of the A	f Eartford, he best of se LSME Code, concursing	CT lisve y knowie By signi the repe	imspected the dge and belief, ing this certifica	ite,

Date 3-17-13 Handen Garage Tross or connected with this imagestion.

Commissions IL 971 NG SUSS

(INSPECTOR)

(STATE OR PROVENCE, NATIONAL BOARD)

1. Owner		walth Edison ums, Chicago, IL 60690	-				Date	RESERVED AND DESCRIPTION OF THE PARTY OF THE	
2 ant	Quad Citie	s Nuclear Power Station th Ave. North, Cordova, 1	L 61242				Unit	ORIGINAL MARKET	
3. Work Per	rformed by	Quad Cities Nuclear Stath Ave. North, Cordova, I	ation				WR	Q89796	
5. (a) Applie (b) Applie	cable Constr cable Edition	MAIN STEAM  uction Code ASME SE  of Section XI Utilized for	r Repairs or Re	placeme	nts- 1980	W'80 Ad	, Code C	ases NONE	5 -
6. Identifica	tion of Com	ponents Repaired or Repla	ced, and Renia	cement C	omnonen	te			
Comp	e of Oneni	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired. Replaced, cr	ASME Code Stamped
MAIN S SAFE VAL	TY	DRESSER IND.	BK6251	N/A	N/A	N/A	N/A	REPLACED	(Yes or No) YES
MAIN S SAFE VAL	ETY	DRESSER IND.	BK7158	N/A	N/A	N/A	N/A	REPLACE- MENT	YES
. Tests Cond	ducted: I	REPLACED VALVE I	Pneumatic [ Test Temp.	] 200 F		ninal Operati		ure [ ] Oth	aer [ ]
. Remarks	APPLIC	CABLE MANUFACTUR	ERS DATA R	EPORT:	ON FE	E AT QCNI	rs.		
Ve certify the SME Code.	211	ments made in this repor	ERTIFICATE t are correct a	OF CO	REPL	ACEMENT	confe	runs to Section X	
40.		CE	RTIFICATE			ı			(DATE)
pair or repl r the in	ENT describer that spector nor this Report.	ng a valid commission is employed by Hartford S ribed in this Report on s been constructed in acc his employer makes any Furthermore, neither the ge or a less of any kind a (INSPEC)	ordance with warranty, expe Inspector normalizing from or	spection and state Section 2 pressed o	Agency of that to to If of the ir isoplied ployer sha ed with the	of Hartford, the best of m ASME Code , concerning all be liable in his inspection	CT have , knowled. By sign the repair in any m	inspected the edge and belief, . ing this certifica	ate,
A STATE OF THE PARTY OF	THE RESERVE THE PARTY OF THE PARTY OF THE PARTY.	THE PARTY OF THE PROPERTY OF THE PARTY OF TH				(STATE	OR PROV	THE WATERLAN	· Bounny

1. Owner Common	wealth Edison					Date	3/27/93	
PERSONAL PROPERTY AND ADDRESS OF THE PERSON NAMED AND ADDRESS	lams, Chicago, IL 60690					Shee	PRODUCTION AND ADMINISTRATION OF THE PARTY.	
2. Plant Quad Citi	es Nuclear Power Station					T I mis		
STATE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAMED IN C	5th Ave. North, Cordova, II	61242				Unit	1	
	Quad Cities Nuclear Stat 5th Ave. North, Cordova, IL	STREET, STREET				WR	Q89817	
22.710 200	No Ave. Horal, Colove, 12	01242						
4. Identification of Sys	tem CORE SPRAY					THE RESIDENCE OF THE PARTY OF T		
5. (a) Applicable Const	ruction Code USAS B31.	1 / 1967	Edition,	N/A	Addenda	Code C	ases NONE	
	on of Section XI Utilized for							08
6. Identification of Cor	nponents Repaired or Replac	ed and Renla	cement C	nomnnee	nte			
Name of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	ASME Code
Component	Mfr	No.	Bd.	No.	Identi-	Built	Replaced, or	Stamped
1B			No.		fization	-	Replacement	(Yes or No)
CORE SPRAY	BUFFALO FURGE	N/A	N/A	N/A	1-5746B	N/A	REPAIRED	NO
ROOM COOLER		***************************************	-			+	THE STREET STREET, STREET STREET, STRE	
SUPPLY & RETURN	BUFFALO FORGE	N/A	N/A	N/A	N/A	1968	REPLACED	NO
WATER BOXES			-					
SUPPLY & RETURN WATER BOXES	BUFFALO FORGE	N/A	N/A	N/A	N/A	1992	REPLACE- MENT	NO
					AND DESCRIPTION OF THE PARTY OF		THE RESERVE OF THE PERSON NAMED IN COLUMN 2 THE PERSON OF	OR EXPERIENCE MANAGEMENT AND THE OWNER.
	The second secon			L		1		
7. Description of Work	REPLACED ROOM CO	OOLER WAT	ER BOX	ES LIK	E FOR LIKE	rs		
8. Tests Conducted:	Hydrostatic [ ]	Pneumatic [	1	No	ominal Operati	ng Press	ure [ ] Or	her [X]
	Pressure 65 pei	Test Temp.	AMB. F					T-2-1.1
9. Remarks APPL	ICABLE MANUFACTUR	ERS DATA R	EPORT	S ON FT	LE AT OCN	29		
			COL CALL	O OILES	DE RI VOITI	1 Ø 1	A CONTROL OF MALLY STREET, AND ASSOCIATED THE STREET, CASE OF	OARTHUR WARRANT TO STATE OF THE
				Allendari Artening Artening State	CALIFORNIA POR MILITARIO DE MANTE DE CALIFORNIA POR CALIFORNIA POR CALIFORNIA POR CALIFORNIA POR CALIFORNIA PO	***************************************		
We certify that the sta	tements made in this report	ERTIFICATI		MPLIA REP		conf	orms to Section	VI of the
ASME Code.				STATE OF THE PARTY		- COMM	A BIS SO SICLEON	ALI OI LINE
Signed SIL	For 11 M	aint. St	SI				1 20 0	
ananamoughgloussadhanam)	ER OR OWNERS DESIGNEE)	aint.	37.0	Tr	TLE .	-	3-29-93	(DATE)
THE RESERVE THE PROPERTY OF THE PARTY OF THE	THE REPORT OF THE PARTY WAS A DESCRIPTION OF THE PARTY OF	RTIFICATE	OF INS	Market Street, Street, St. Str			P. Commission of the Commissio	(DATE)
I the understand both	dina a malid accomplanta to							1117
and the State of Illinois	ding a valid commission is s, employed by Hartford S	sued by the N team Boiler I	ational E	Assert of	of Hartford	CT has	essel Inspector	
KEPAIK O	escribed in this Report on	2-8-93	and stat	e that to	the best of m	v know	edge and belief.	this
repair or replacement	has been constructed in acc	cordance with	Section !	XI of the	ASME Code	By sig	nine this certific	ete.
escribed in this Repor	or his employer makes any t. Furthermore, neither th	e Inspector no	pressed or or his em	m implie	ed, concerning hall be liable	the rep	air or replacem	essé
injury or property dam	nage or a loss of any kind a	rising from o	r connec	ted with	this inspectio	e.	and the any	ALE BUILDE
Date 4-1-93	Harbar Band	est		Com	umissions Il	971	NB 8088	
	(Inspect	roz)		- CORY	Monochio	seculiare second security	VINCE, NATION	L BOARD)

CONTRACTOR OF THE PARTY OF THE	MATERIAL PRODUCTION WAS TAKE	CHARGE CHARGE AND THE CHARGE CONTRACT OF THE ARM PRINCIPLE AND THE CHARGE CONTRACT OF THE CONTRACT OF THE CHARGE CONTRACT OF THE CONTRACT OF T	PRODUCTION OF THE PARTY OF THE	STATES OF THE PERSONS NAMED IN	CHRISTON CHICKENS	SANYON THUMBOR THE SECTION OF THE PROPERTY OF THE	STREET, STREET	NAME AND ADDRESS OF THE PARTY O		
1. Owner	SECURE AND ADDRESS OF TAXABLE PARTY.	realth Edison		Date 3/27/93 Sheet 1 of 1						
1	EMM COUNTY THE STATE OF THE STA	The second section and the second							-	
2. Plant	- Charage and Persons and Assessment	s Nuclear Power Station th Ave. North, Cordova, I	L 61242				Unit	_1_		
		Quad Cities Nuclear Sta th Ave. North, Cordova, I	SALES NOT BE THE REAL PROPERTY OF THE PARTY				WR	<u>Q90004</u>		
4. Identifica	ation of Syste	RESIDUAL HEAT	REMOVAL	-	The Charles of the Control of the Co	CHANGE CO. NEWS PROPERTY.	ar to go of the control of the contr			
		n of Section XI Utilized for		TENERO CONTRACTOR AND	dition its- 1980	OF THE PARTY OF TH		Code CasesN3	28	
6. Identifica	tion of Com	ponents Repaired or Repla	ced, and Replac	ement C	ompone	nts				
Nam	ne of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaire.	ASME Code	
Comp		Mfr.	No.	Bd. No.	No.	Identi- fication	Built	Replaced, or Replacement	(Yes or No)	
1C RHR DISCH CHECK	ARGE	MISSION	N/A	N/A	N/A	1-1001-67C	N/A	REPLACED	NO	
1C RHR DISCH CHECK	PUMP	TRICENTRIC	91-1731- 01(Q)-04	N/A	N/A	1-1001-67C	N/A	REPLACE- MENT	NO	
						***********************************				
7. Description 8. Tests Con 9. Remarks	sducted:	REPLACED VALVE  Hydrostatic [ ] Pressure253_psi  CABLE MANUFACTURE	Pneumatic [ Test Temp.	) AMB	F.	ominal Operation	1.		her [X] -2-1.1	
	***************************************		Alleman and the second second second			AND DESCRIPTION OF THE PARTY IS NOT A PARTY OF THE PARTY.	PERSONAL SID. SANGARO			
We certify t	hat the state	ements made in this repo	CERTIFICATE	OF CO		NCE LACEMENT	confe	orms to Section	XI of the	
Signed	2	R OR OWNERS DESIGNED	M	oint	PHYSION PRODUCTION AND	it+		3.29	-	
	CWNE	THE OTHER PROPERTY AND ADDRESS OF THE PARTY	EDTIESCATE	OF PAICE		TLE	The successiving on		(DATE)	
REPLACE) repair or re- either the i	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Illinois, employed by Hartford Steam Boiler Inspection Agency of Hartford, CT have inspected the REPLACEMENT described in this Report on 3-5-93 and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, either the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement escribed 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.									
	with the state of									
THE RESERVE OF THE PROPERTY OF	THE RESIDENCE AND A PROPERTY OF THE PERSON NAMED AND ADDRESS O	CARPORE SERVICE CONTRACTOR OF THE PROPERTY OF	THE REAL PROPERTY AND PERSONS ASSESSED.	***************************************	PARTICIPATION OF THE PARTICIPA	GIAIE	WALLEY.	THE PLANE	L BUARD)	

	FORM NIS-2 OV	WNERS REPOR		THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO I	THE COURT OF STREET STREET, ST	Contract of the Contract of th	r	
ACCOUNTS AND ASSESSMENT OF THE PROPERTY OF T	Control of the Contro		DECIGNATION WORLDW			CONTRACT SPECIES		NAME AND POST OF THE PARTY OF T
ARTHUR DESIGNATION OF THE PERSON NAMED IN COLUMN 2 IN	ealth Edison ems, Chicago, IL 60690					Shoe	3/27/93 x 1 of 1	
CONTRACTOR OF THE PROPERTY OF	s Nuclear Power Station th Ave. North, Cordova,	W 21929				Unit	1	
456 / EU 200	in Ave. Norm, Coronva,	IL 01242						
	Quad Cities Nuclear Sta th Ave. North, Cordova, I	HEROTE STREET, HEROTE STREET,				WR	Q01168	+
4. Identification of Syste	CONTROL ROD	DRIVE						
	uction Code ASME SE	BEST AND PROPERTY OF THE ORDER OF THE PARTY OF THE REAL OF	Make of School Stemmon As in	HEITA WARD	S'73	Zetmanucko	denda, Code Cas code Cases <u>N3</u>	MANAGEMENT, NAMED THE OWNER, OWN
6. Identification of Com	ponents Repaired or Repla	ace a feet to	sement C	CHITENESCHER	nts			
Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CERN Nec.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No
CONTROL ROD DRIVE	GENERAL ELECTRIC CO.	432	N/A	NOA	N/A	1968	REFLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC CO.	A2568	N/A	N//A	N/A	1992	REPLACE- MENT	YES
8. Tests Conducted:	REPLACED CONTRO	DL ROD DRIV	]		KE_	ing Press	ure [] O	ther []
	CABLE MANUFACTUI			S CON FI	LE AT QCN	PS		AND STREET, STATE OF THE PARTY
We certify that the state ASME Code. Signed	ements made in this repo	CERTIFICATE ort are correct a	and this	REPI	NCE LACEMENT	confe	3-29-	
	R OR OWNERS DESIGNEE)	/ 10,2 T.		STATE OF THE PARTY	TLE	AND DESCRIPTION OF THE PARTY OF	2-21-	(DATE)
and the State of Illinois, REPLACEMENT des pair or replacement h	ling a valid commission i employed by Hartford i cribed in this Report on as been constructed in ac r his employer makes an Furthermore, neither t	Steam Boiler Is  2-9-93  cordance with  y warranty, ex  he Inspector no	ational lespection and star Section pressed or his on	Somerd of Angency Example The of the Example Example See with	Boller and F of Hartford, the best of a ASME Coded, concerning	, CT hav ny know e. By sig g the rep in any s on.	e inspected the ledge and belief ning this certifi- pair or replacem namer for any	, this cate,
And the second of the second of the second	(Inspec	CPOR)		- Allen			WINCE, NATION	AL BOARD)

1. Owner	Commonw	ealth Edison					Date	3/27/93	
	ADDRESS VALUE OF THE PROPERTY	ms, Chicago, IL 60690						t 1 of 1	
	0 10::	N. 1 B. B.					**		
2. Plant	CONTRACTOR AND ADDRESS OF THE PERSON AND ADDRESS OF THE	Nuclear Power Station h Ave. North, Cordova, 1	II 61242				Unit	1	
	46 / 8U 6UUL	a Ave. North, Coldova,	L 01272						
3. Work Pe		Quad Cities Nuclear Sta	ASSESSMENT OF THE PARTY OF THE				WR	Q01091	
	22710 206t	h Ave. North, Cordova, 1	L 61242						
4. Identifica	ation of Syste	CONTROL ROD	DRIVE						
		GERMANNESS STATEMENT OF THE STATEMENT OF	REPORTED THE PROPERTY OF THE PARTY OF THE PA			AND ACCORDING TO SHARE S	and the same of the	***************************************	WANTED AND DESCRIPTION OF THE PERSON OF THE
		action Code ASME SE	PRINCIPLE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS	PERSONAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN 2 AND		tion, <u>S'73</u>		denda, Code Cas	
(b) Appli	icable Edition	of Section XI Utilized for	or Repairs or Re	placemen	its- 1980	W'80 Ad	denda, C	ode Cases N3	08
6. Identifica	tion of Com	ponents Repaired or Repla	ood, and Replac	ement C	omponer	nts			
Nam	ne of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	ASME
Comp	onent	Mfr.	No.	Bd.	No.	Identi-	Built	Replaced, or	Code
			1	NO.		fication		Replacement	(Yes or No)
CONT	TO THE OWNER OF THE OWNER OWNER OF THE OWNER OWNE	GENERAL	STATE OF STREET, STREE				1		7700 01 110)
DRI		ELECTRIC	1035	N/A	N/A	N/A	1969	REPLACED	YES
CONT	THE PERSON NAMED AND POST OF THE PERSON NAMED IN COLUMN 2 IS NOT T	CO. GENERAL					-		
RC		ELECTRIC	A8867	N/A	N/A	N/A	1991	REPLACE-	YES
DRI	IVE	CO.				Marria de Caración		MENT	
									* - 1
			-	-		CONTRACTOR OF STREET			
77.4			BEAT						
		AND THE RESIDENCE OF THE PROPERTY OF THE PROPE	1						
7. Description	on of Work	REPLACED CONTRO	L ROD DRIV	ELIKE	FOR LI	KE.			
8. Tests Con		Industria (W)		and a second second					
a. lests Con		Hydrostatic [X] Pressure 1110 psi	Pneumatic [ Test Temp.		No	ominal Operati	ng Press	ure [ ] O	ther [ ]
	100	samulalidata. Pin	rom romp	MADE. I					
9. Remarks	APPLI	CABLE MANUFACTU	RERS DATA R	EPORT	S ON FI	LE AT QCN	PS	Annual Control of the	
	6.0HR2742HR28416P44	*					THE NAME OF THE PARTY.		
THE STATE OF STREET, SALES AND ADDRESS OF			CERTIFICATE	OFCO	MPIIA	NCF	NAMES OF STREET	The state of the s	AND CONTRACTOR OF THE PARTY OF
We cestify t	hat the state	ments made in this repo	rt are correct a	nd this	REP	LACEMENT	confo	erms to Section	XI of the
ASME Code	E						MAN .		
Signed	V11	tool by	Maint.	Stat	-			3-29-9	2
	OWNER	OR OWNERS DESIGNEE)	15/27.		Tr	rle.	THE RESIDENCE OF THE PERSON NAMED IN COLUMN 1	3-21-7	(DATE)
		C	ERTIFICATE	OF INS	SANGER PROPERTY.	CHARLEST PORCHESTORY WITH A CHARLEST AND A CHARLEST	Marine Service Symposius Ser	Contract of the second second second	
I the under	niemad hald								
and the Stat	signed, noid te of Illinois.	ing a valid commission i employed by Hartford	ssued by the Ni	ational E	loard of	Boiler and Pr	CT how	essel Inspector	
REPLACEA	MENT des	cribed in this Report on	2-9-43	and stat	e that to	the best of m	y knowl	edge and belief.	this
spair or re	placement hi	as been constructed in ac	cordance with	Section :	XI of the	ASME Code	By sign	ning this certific	rate.
described in	nspector nor	his employer makes an	y warranty, exp	pressed o	er implie	ed, concerning	the rep	air or replacem	ent
injury or pr	operty dama	Furthermore, neither to	arising from o	CONNEC	proyer s	this increasion	m any n	anmer for any	personal
	-93	40 B						was al	
Date 7-/	13	Moselly Maskey			Con	missions IL	.971	NB 8058	
		(1M3PM)	TOR 1			587 A73	E OF DEA	CHEMPS BY A PROPERTY	e Boreman I

1. Owner Commonwealth Edison Date 3/25/93  72 W. Adams, Chicago, IL 60690 Sheet 1 of 1										
MATERIAL PROPERTY AND ADDRESS OF THE PARTY A	es Nuclear Power Station th Ave. North, Cordova, II	61242				Unit	1			
3. Work Performed by	Quad Cities Nuclear States th Ave. North, Cordova, II	ion				WRA	Q01093			
5. (a) Applicable Constr (b) Applicable Edition	ruction Code ASME SEC on of Section XI Utilized for	III CL1 / 197 Repairs or Rep	placemer	ts- 1980	W'80 Ad	MACAGINATO .	denda, Code Cas ode Cases <u>N3</u>	CERTIFICATION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDR		
6. Identification of Com	iponents Repaired or Replac	ced, and Replac	ement C	отровев	nts					
Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		
CONTROL ROD DRIVE	GENERAL ELECTRIC CO.	8815	N/A	N/A	N/A	1980	REPLACED	YES		
CONTROL ROD DRIVE	GENERAL ELECTRIC CO.	547	N/A	N/A	N/A	1968	REPLACE- MENT	YES		
8. Tests Conducted:	Pressure 1110 psi Test Temp. 200 F									
			AT HER DECEMBER OF THE OWN	MARKE SHEET SHEET			THE RESERVE OF THE PARTY OF THE	THE PROPERTY OF THE PARTY OF TH		
We certify that the stat ASME Code.	ements made in this repor	ERTIFICATE t are correct a				_ confe	orms to Section			
WALTER AND THE PROPERTY OF THE	on Original Day	113/2/4		1134			001	With the second section in the last contract of the		
(OWNER OR OWNERS DESIGNEE)  CERTIFICATE OF INSPECTION  1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Illinois, employed by Hartford Steam Boiler Inspection Agency of Hartford, CT have inspected the REPLACEMENT described in this Report on 3-17-93 and state that to the best of my knowledge and belief, this pair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, either the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement										
described in this Repor	t. Furthermore, neither the tage or a loss of any kind	e Inspector no	e his em	ployer s	hall be liable	in any n	namer for any	persona!		
Date 4-1-93	N-0 (( )									

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1. Owner		wealth Edison lams, Chicago I 60690					Date	3/27/93 1 1 of 1	
	12 W. PAG	MINES, CANCERCO, and COCOPO	NATIONAL PROPERTY.				enegative.	- A	STREET IN
2. Piant		es Nuclear Power r Station 5th Ave. North. Chordova, I	L 61242				Unit	1	
	SEALINE SENTANTEES SEN	AND							
3. Work Pe		Quad Cities Vocaclear Sta 5th Ave. Nortz. Cilordova, I					WRA	Q01114	
4 14		CONTROL BOD	DOTAT						
4. Identific	ation of Sys	CONTROD ROD	DRIVE.	-	-				
5. (a) Appl	icable Const	truction Code A.SME SEC	C III CL1 / 197	1	Edit	ion, S'73	Add	denda, Code Cas	es 1361-2
(b) Appl	licable Editio	on of Section I T Utilized for	or Repairs or Re	placeme	ste- 1980	DA CS'W	denda, C	ode Cases N3	08
y c. w.m. element and element delication of the second	Mark 2 V Z Nr. St. and St. Control of St. Control o	nponents Renarca d or Repla	изфиционалиции и сининалиции и полити и поли	market and representation of	Suz sanneggammennennen sallen	Other	Year	Repaired,	ASME
	me of poment	Name c of	Mfrs. Ser.	Nat'l Bd.	No.	Identi-	Built	Replaced, or	Code
COM	Purvenerer	~	140.	No.	140.	fication	D'ensie	Replacement	Stamped
									(Yes or No)
CON	TROL	GENERAL							
	OD	ELETTIRIC	349	N/A	N/A	N/A	1968	REPLACED	YES
SANCE AND ADDRESS OF THE OWNER, WHEN THE PARTY NAMED IN COLUMN	IVE	CO.		-					
7,000 (300) (50)	TROL OD	GENERAL	1560	N/A	N/A	N/A	1970	REPLACE-	NACC.
	IVE	CO.	1500	MA	NIA	N/A	13/6	MENT	YES
THE RESERVE THE PARTY OF THE PA	Married of Street, or Address of Street, or other Street,			1	-	***************************************	+	1708.01 12	
							1000		
-						And the second section			
7. Descript	ion of Work	REPLACED CONTRO	I POD DRIV	FIRE	EAD I II	KCE"			
· · Dissilpe		CONTRACTOR CANADA / C/C/172 PCC	DE ROD DRIVE	Lo do de la Calenda	I VIN ESEI	Pakira manusumanan manusuman manusuman manusuman manusuman manusuman manusuman manusuman manusuman manusuman manusuman manusuman manusuman		THE PERSONNEL PROPERTY OF THE PERSONNEL PROP	***************************************
8. Tests Co	educted:	Hydrosessei: X]	Pneumatic [	1	No	minal Operati	ing Press	ure [ ] · O	ther [ ]
		Pressure 110 psi	Test Temp.						
					المراجعة				
9. Remarks	APPL	ICABLE MANITUFACTU	RERS DATA R	EPORT	S ON FI	LE AT QCN	<u>PS</u>	AVM ST TIME THE RESERVED AVAILABLE TO THE RE	
	***************************************			CONTRACTOR OF STREET	MATARICA MATERIAL	-	-		
***************************************	Contract And in adjustments	POTENTIAL PROPERTY OF THE PROP	C9150 W1950 C A 820	0000	N. P. W. V. A.	CONTRACTOR OF THE PERSONS IN		The same of the sa	MOVERNMENT MEMORYSONICH IN AMERICA
We certify	that the sta	tements made wan this repo	CERTIFICATI				- nomf	orms to Section	WY of the
ASME Con		·	N C MI C CONTOCC &	LEPSE SEGGE	PLEAR E	WAS CONTROL OF B	COER	ACRESS ED SACCIOUS	YT OF THE
		1 //			-1 -1				
Signed		Whinh	Main	ut S	ot st+			3-29	-93
TARRA TRANSPORT METATORIA (AL	(OWN	ER OR OWNERS I DESIGNEE)	Mary possible state acress of the contract of the contract of		Tri	LE			(DATE)
		C	ERTIFICATE	OF INS	PECTIO	N			
		M							
i, the whole	ragned, no	lding a valir experimension	Essued by the N	ational l	Board of	Boiler and P	ressure '	Vessel Inspector	
REPLA	MENT A	s, employed by a Hartford escribed in this s Report on	3-9-93	aspectace	a Agency	of marciord,	, CI hav	e inspected the	
epair or	eplacement	has been consurructed in a	ccordance with	Section	XI of the	ASME Cod	o Rusin	wing this could	, 12865
either the	inspector n	or his empiryers makes an	y warranty, ex	pressed	or implie	d concernin	e the rec	mir or renlacem	sent
described is	n this Repo	rt. Furthermorers, neither t	the Inspector no	or his en	ployer s	hall be liable	ta any n	nanner for any	personal
njury or p	roperty daz	nage or a loss o:of any kind	arising from o	r coamed	ted with	this inspection	06.		
Date 4-	1-92	A. Com : 0.			_				
JALE 77	12	Moroion		CANCEL CONTRACTOR	Com	missions I	SCHOOL SHARE	agreement and the state of the Management	
S. MOTTO AND ADDRESS OF THE PARTY OF THE PAR	AT HER LAND THE REAL PROPERTY.	( BrSPS/	LTOR)			(STAT	E OR PRO	VINCE, NATION.	AL BOARD)

SECRETARISM SECTION SE		Management of the second						
MANAGEMENT OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO	amonwealth Edison	Marting for Carlo State State				Date	CONTROL PROPERTY OF THE PROPER	
72 W	W. Adams, Chicago, IL 60690					Shee	t 1 of 1	AMERICA .
	d Cities Nuclear Power Station					Unit	1	
	10 206th Ave. North, Cordova,	n 61242						
3. Work Performs	ed by Quad Cities Nuclear St	tation				WRJ	Q01113	
	10 206th Ave. North, Cordov.							
4. Identification of	of System CONTROL ROD	DRIVE						
			*1	Edi	tion, S '73	Ad	denda, Code Caa	1361-2
	Construction Code ASME SE Edition of Section XI Utilized 1							WARRANGER WHEN A PROPERTY OF
	of Components Repaired or Repl							
Name of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	ASME
Component	Mfr.	No.	Bd. No.	No.	Identi- fication	Built	Replaced, or Replacement	Code Stamped
			No.		neatron		Representation	(Yes or No)
CONTROL	GENERAL ELECTRIC	372	N/A	N/A	N/A	1968	REPLACED	YES
ROD DRIVE	CO.	312	N/A	NIA	N/A	1700	KEPLACEA	ILO
CONTROL	GENERAL ELECTRIC	1857	N/A	N/A	N/A	1970	REPLACE-	YES
ROD DRIVE	CO.	1857	N/A	NA	N/A	1370	MENT	I Ew
							1000	
					***************************************		W-110-2-111-2-1-1-1-1-1-1-1-1-1-1-1-1-1-1	NAME OF TAXABLE PARTY.
7. Description of	Work REPLACED CONTR	OL ROD DRIV	E LIKE	FOR LI	KE.			
8. Tests Conducte	ed: Hydrostatic [X]	Pneumatic [	1	No	ominal Operati	ing Press	nure [ ] O	Other [ ]
	Pressure1110_psi	Test Temp.			ration operation			
9. Remarks	APPLICABLE MANUFACTU	IRERS DATA I	FPORT	S ON F	TE AT OCN	THE		
7. 21000000000000000000000000000000000000	The E ROS Service Service Community of the Service Ser		Chie Con a	D CIT C	A STATE OF THE STA	E 45		
		OTHER O A	T 05 0	ON CIPE I A	A 1 COS			
We certify that th	he statements made in this rep	CERTIFICATI				conf	orms to Secon	XI of the
ASME Code.					Martine San American Contractor and Personal Property and Personal	man		74. 0
Signed	Dilton to	Moint	54	FE			3-29-	93
	OWNER OR OWNERS DESIGNEE	)		Tr	MLE			(DATE)
The Hallen of		CERTIFICATE	OF INS	PECTIC	ON			
I, the undersigne	ed, holding a valid commission	issued by the N	lational	Board of	Boiler and I	ressure	Vessel Inspector	78
and the State of I	Illinois, employed by Hartford	d Steam Boiler L	Inspection	a Agency	y of Hartford	CT hav	re inspected the	
REPLACEMEN	T described in this Report of ment has been constructed in	a 3-6-45	and sta	te that to	the best of r	ny know	ledge and belief	, this
either the inspec	ctor nor his employer makes a	any warranty, ex	pressed	or implie	ied, concernin	ng the rep	pair or replacem	nest
described in this	Report. Furthermore, neither ty damage or a loss of any kin	the Inspector n	or his en	nployer r	shall be liable	in any r	manner for any	personal
	AV A R	d arrising from o	A COMME				0 0	. ,
Date 4-1-9	3 Godon Uns	log		Con	nmissions 1	1411	, ND foss	
	Chen	ECSSCAB )			(\$TAT	re no Por	NUMBER MATERIAL	AS BOARD

1. Owner	ADDRESS THE P CHARLES AND THE WARRY THE SOMETHINGS THE	ealth Edison ms, Chicago, IL 60690					Date	3/27/93 t 1 of 1	
2. Plant	Quad Cities	Nuclear Power Station b Ave. North, Cordova, I	L 61242				Unit	GOLDHOUSE GOOD	
3. Work Pr	erformed by	Quad Cities Nuclear Sta h Ave. North, Cordova, I	tion				WR	Q89794	
5. (a) Appl (b) Appl	icable Edition	action Code USAS B31 of Section XI Utilized fo	r Repairs or Re	placeme	- 10808C	W'80 Ad		ases NONE ode Cases N3	Q8
Nar	me of ponent	Poments Repaired or Repla Name of Mfr.	Mfrs. Sec. No.	Nat 7 Bd. No.	CZN:	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
RE	ROMATIC LIEF LVE	DRESSER IND.	BK7071	N/A	NA.	N/A	1968	REPLACED	NO
RE	OMATIC LIEF LVE	DRESSER IND.	BX00293	N/A	SA.	N/A	1985	REPLACE- MENT	NO
7. Descript 3. Tests Co 9. Remarks	enducted: 1	REPLACED VALVE I Hydrostatic [X] Pressure1110_psi CABLE MANUFACTUR	Pneumatic [ Test Temp.	] 200 F		ominal Operation		pare [ ] O	ther [ ]
We certify ASME Coo	21	For & /	CERTIFICATI	and this	REEP	LACEMENT	confe	orms to Section	
REPLACE repair or re either the escribed is injury or p	rsigned, hold te of Illinois, MENT des eplacement had inspector not this Report	ing a valid commission is employed by Hartford Scribed in this Report on as been constructed in acr his employer makes an Furthermore, neither there or a loss of any kind	Steam Boiler In S-8-93 cordance with y warranty, ex he Inspector as	ational laspection and star Section pressed or his em	Bearer o of a Agenticate the change to M of the or insumpli- many works	Boiler and P of Hartford, the best of a e ASME Coded, concerning shall be liable this inspection	CT have ny knowle. By sign g the rep in any n	e inspected the ledge and belief, ning this certific air or replacem nanner for any	, this cate,
AND THE PROPERTY OF THE PARTY O	-	(INSPEC			CLOR	missions II	TOTAL PROPERTY OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON	VINCE, NATIONA	u. Board)

	FORM NIS-2 OW  As Requir	ed by the Provi						
AND DESCRIPTION OF THE PERSON	veelth Edison	NAME OF TAXABLE PARTY.				Date		
72 W. Ad	ams, Chicago, IL 60690	-				Shee	1 of 1	
L. Plant Quad Citie	es Nuclear Power Station					Unit	1	
SPANISH SALES AND ADDRESS OF THE PARTY OF TH	oth Ave. North, Cordova, I	L 61242					ATMINITURE LABORATOR STATE OF THE COMME	
3. Work Derformed by	Quad Cities Nuclear Stat	tion				SU/D A	Q89807	
	oth Ave. North, Cordova, I	CHARLES AND THE RESIDENCE AND THE PARTY OF T				** 20	Q07007	
4. Identification of Syst	em MAIN STEAM				TOTAL TOTAL CONTRACTOR TO STREET	ALTERNATION AND ADDRESS AND		
5. (a) Applicable Const.	ruction Code ASME SE	C III / 1968	Edition,	W'68	Addenda	, Code C	ases NONE	
	on of Section XI Utilized for							08
6. Identification of Com	aponents Repaired or Replac	oed, and Replac	ement C	omnonen	ts			
Name of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	ASME Cod
Component	Mfr.	No.	Bd.	No.	Identi-	Built	Replaced, or	Stamped
TARGET ROCK			No.		fication	-	Replacement	(Yes or No
RELIEF	TARGET ROCK	22.4	N/A	N/A	N/A	N/A	REPAIRED	YES
VALVE			-	-		-		
							A DECEMBER OF THE A PROPERTY OF THE PARTY.	
							34. km	
	-							
								1.00
7. Description of Work	OLDER LAND BY LAND	P\$P3	Marianta Anana gur gal			ave parameters and	A STATE OF THE PARTY OF THE PAR	Marines and the second
. Description of Work	OVERHAULED VALV	AN ADDRESS PRODUCTION OF THE PARTY OF THE PA	LLATIO	N PACE	CAGE	Property of the Person of the		
8. Tests Conducted:	Hydrostatic [ ]	Pneumatic [	NUMBER OF STREET	AMERICA, HOUSE, Convenience	minal Operati	ing Press	are [ ] O	ther [ ]
	Pressurepsi	Test Temp.	F					
Remarks APPL	ICABLE MANUFACTUR	ERS DATA R	EPORT	S ON FE	LE AT OCN	PS.		
AND THE PROPERTY OF THE PROPER						Personal Assess		AND STREET OF THE STREET, STRE
	The same of the sa		00000		Shared States and Stat	TOTAL SECTION AND ADDRESS OF		A STATE OF THE STA
We certify that the stat	tements made in this repor	ERTIFICATE	nd this		NCE	confe	rms to Section	XI of the
ASME Code.				and the same of th	COMMISSION OF THE PROPERTY OF THE PROPERTY OF	name Country	A MED BUT LICEASURE	ALL OR DISC
Signed ZA	For 1	Maint.	SLI				1 79	62
With the second	ER OR OWNERS/DESIGNEE)	19104.	213-	Trr	7.8		3-29-	(DATE)
	SPICIOS MELECONOS PERMENDIANOS PERMENDIANAS DIA MANDELLOS DE MANDELLOS	ERTIFICATE	OF INS			The same of the sa		(DAIE)
the understand hel	A							1.1
and the State of Illipois	ding a valid commission is s, employed by Hartford S	ssued by the Ni Steam Boiler Is	ational E	Agence	Boiler and P	CT be-	essel Inspector	8
REPAIRED de	scribed in this Report on	3-17-93	and stat	e that to	the best of n	ny kasowi	edge and helief	this

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Illinois, employed by Hartford Steam Boiler Inspection Agency of Hartford, CT have inspected the REPAIRED described in this Report on 3-17-93 and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, either the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement escribed in this Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 4-1-93

(INSPECTOR)

Commissions IL 971, NB 8088

(STATE OR PROVINCE, NATIONAL BOARD)

		FORM NIS-2 OV	WNERS REPOR					ſ	AASTONING AND DAY NO SECOND ASSOCIATION OF THE SECOND
1. Owner		A STATE OF THE PERSON NAMED IN COLUMN 2 IN			- tet			3/27/93	
	72 W. Adar	ms, Chicago, IL 60690	-				Shee	st 1 of 1	-
∠. Plant	Ound Cities	Nuclear Power Station					Unit	1	
L. I seam	SELECTION OF THE PARTY OF THE P	h Ave. North, Cordova,	IL 61242					STREET, STREET	
	Control of the Contro	The state of the s							
3. Work !		Quad Cities Nuclear State Ave. North, Cordova, I					WR	Q01089	
4. Identif	ication of System	m CONTROL ROD	DRIVE				AL RECORD OF THE PERSONS OF		
(b) Ap	plicable Edition	of Section XI Utilized for	or Repairs or Ae	placemer	nts- 1980			denda, Code Cas code Cases <u>N3</u>	
TAXABLE PROPERTY AND ADDRESS OF THE PARTY OF	ame of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	ASME
	mponent	Mfr.	No.	Bd.	No.	Identi-	Built	Replaced, or	Code
				No.		fication		Replacement	Stamped (Yes or No)
	NTROL ROD	GENERAL ELECTRIC	602	N/A	N/A	N/A	1968	REPLACED	YES
THE RESIDENCE AND PARTY AND PERSONS ASSESSED.	RIVE	CO.							
	NTROL	GENERAL				****			*****
	ROD	ELECTRIC CO.	A8766	N/A	N/A	N/A	1989	REPLACE- MENT	YES
	7								
7. Descrip	ption of Work	REPLACED CONTRO	OL ROD DRIV	E LIKE	FOR LI	KE.	III <del>o'' A ar San San San San San San San San San San</del>		
8. Tests C		Hydrostatic [X] Pressure 1110 psi	Pneumatic [ Test Temp.		No	ominal Operati	ing Press	Rure []. O	ther []
9. Remari	APPLI	CABLE MANUFACTU	RERS DATA R	EPORT	S ON FT	LE AT QCN	PS		
			CERTIFICATE	F OF CO	MPLIA	NCF.	AND DESCRIPTION OF THE PERSON		Marine Ma
We certif		made in this repo					confe	orms to Section	XI of the
Signed	21	Fort h	MaiN	- 5	+=+.	(		3-29-	93
Wendings down Windship or 161	JOWNER	R OR OWNERS DESIGNEE)	THE RESIDENCE OF THE PROPERTY		CHARGE SHIP SHIP SHIP SHIP SHIP SHIP SHIP SHIP	n.e		CONTRACTOR OF THE CONTRACTOR AND ADDRESS OF THE CONTRACTOR AND ADDRESS OF THE CONTRACTOR ADDRESS	(DATE)
and the S	tate of Illinois,	ling a valid commission employed by Hartford	Steam Boiler In	lational I	Board of n Agency	Boller and P	CT hav	re inspected the	
either the	replacement has inspector nor in this Report.	cribed in this Report on as been constructed in a r his employer makes ar . Furthermore, neither to age of a boss of any kind	accordance with ny warranty, ex the Inspector no	Section pressed or his en	XI of the or implie aployer s	e ASME Code ed, concerning thall be liable	le. By signing the rep	ming this certific	cate,

Date 4-2-93

(Inspector) Commissions IL 971 NB 8088

(State or Province, National Board)

	realth Edison ums, Chicago, IL 608690						3/27/93 1 of 1	
	s Nuclear Power Statesion					Unit	1	
	th Ave. North. Corosoova, I	L 61242					***************************************	
3. Work Performed by 22710 206	Quad Cities Nacionar Sta th Ave. North, Caracova, I	tion L 61242				WRA	Q01088	
4. Identification of Syst	cm CONTROL FROD I	DRIVE						
5. (a) Applicable Consti (b) Applicable Edition	nuction Code ASMME SEC n of Section XI Cultimed fo	III CL1 / 197 r Repairs or Re	1 place-ner	Edit	W'80 Ad		ienda, Code Cas ode Cases <u>N3</u>	
6. Identification of Com	aponents Repaired or: Repla	ced, and Replac	ement C	omponer	ts			
Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CONTROL ROD DRIVE	GENERAL ELECTRICO CO.	420	N/A	N/A	N/A	1968	REPLACED	YES
CONTROL ROD DRIVE	GENERAL. ELECTRICO CO.	385	N/A	N/A	N/A	1968	REPLACE- MENT	YES
7. Description of Work	REPLACED COONTRO	DL ROD DRIV	E LIKE	FOR LI	KE.			
8. Tests Conducted:	Hydrostatic [X] Pressure 1110 psi	Pneumatic [ Test Temp.		No	ominal Operat	ing Press	aure [ ] O	ther [ ]
9. Remarks APPL	ICABLE MANUFFACTU	RERS DATA I	REPORT	S ON FI	LE AT QCN	PS		
			STATE OF THE PARTY.				CANADA SANTA SANTA CANADA SANTA	
We certify that the sta ASME Code.	tements made in trinis repo	CERTIFICATI ort are correct :		The state of the s	NCE LACEMENT	conf	orms to Section	XI of the
Signed 2	Now in	Mant.	54	3++			3-29-	THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.
(GWN	ER OR OWNERS DÉESKINEE)	ERTIFICATE	OF INS	MARKET BURNEY BURNEY	TLE	S AND SACRED STATEMENT		(DATE)
and the State of Illinoi REPLACEMENT d	lding a valid communission is, employed by Hazrtford escribed in this Resport or	Steam Boiler I	nspectio and sta	n Agency te that to	of Hartford the best of	l, CT have	ve inspected the dedge and belie	f, this
either the inspector n described in this Repo	has been constructed in a for his employer maskes as ct. Furthermore, meither mage or a loss of anny kind	ny warranty, es the Inspector s	or his ex	or impli uployer i	ed, concernis shall be liable	ng the re	pair or replaces	menst
Date 4-1-93	Suden Couley	- (me)		Con	nmissions 1	1971	NB 8088	(AL BOARD)

	FORM NIS-2 OV  As Requir	VNERS REPOR						
	wealth Edison ams, Chicago, IL 60690					Date	SERVICE CONTRACTOR AND ADDRESS OF A PERSON NAMED OF	
	es Nuclear Power Station oth Ave. North, Cordova, I	L 61242				Unit	1	
	Quad Cities Nuclear Str 5th Ave. North, Cordova, I					WRA	Q01083	
5. (a) Applicable Const	ruction Code ASME SE	C III CL1 / 197	1		ios. S '73	CONTRACTOR OF THE PARTY OF THE	denda, Code Cas	SECURITARIA PROGRAMMATICA PROG
(b) Applicable Edition	on of Section XI Utilized for apponents Repaired or Repli	or Repairs or Re	placemen			deada, C	ode Cases <u>N3</u>	08
Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No.
CONTROL ROD DRIVE	GENERAL ELECTRIC CO.	1314	N/A	N/A	N/A	1970	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC CO.	610	N/A	N/A	N/A	1968	REPLACE- MENT	YES
7. Description of Work	REPLACED CONTRO	OL ROD DRIV	E LIKE	FOR LI	KE.			
8. Tests Conducted: 9. Remarks APPI	Hydrostatic [X] Pressure1110_psi  LICABLE MANUFACTU	Pneumatic [Test Temp	200 F		ominal Operat		aure [ ] O	ther [ ]
ASME Code.	tements made in this repo	CERTIFICATION are correct in		REP	NCE LACEMENT	conf	orms to Section	
I, the undersigned, he and the State of Illino REPLACEMENT of pair or replacement ather the inspector a described in this Repo	Iding a valid commission is, employed by Hartford escribed in this Report or has been constructed in a sor his employer makes as ort. Furthermore, neither mage or a loss of any kind the loss of any kind	Steam Boiler In 2-26-93 accordance with my warranty, exthe Inspector p	ational inspection and sta Section pressed or his en	PECTION Board of a Agency te that to XI of the or implies a polyer a cted with	Boiler and I y of Hartford the best of se ASME Coded, concernizes shall be liable this inspection	l, CT have my know he. By sig ag the repe in any second.	re inspected the riedge and belief ming this certifi pair or replaces manner for any	this cate, sent personal

#### FOLM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI 1. Owner Commonwealth Edison 72 W. Adams, Chicago, IL 60690 Quad Cities Nuclear Power Station 4. Plant 22710 206th Ave. North, Cordova, IL 61242 11. Work Performed by Quad Cities Nuclear Station WR# Q01106 22710 206th Ave. North, Cordova, IL 61242 4. Identification of System CONTROL ROD DRIVE 5. (a) Applicable Construction Code ASME SEC III CL1 / 1971 Edition, S '73 Addenda, Code Cases 1361-2 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1980, W'80 Addends, Code Cases N308 6. Identification of Components Repaired or Replaced, and Replacement Components Name of Other Repaired, Name of Mfrs. Sec. Nat'l CRN Year ASME Component Mfr. No. Bd. No. Identi-Panilt Replaced, or Code No. fication Replacement Stamped (Yes or No) CONTROL GENERAL ROD ELECTRIC 552A N/A N/A N/A 1969 REPLACED YIES DRIVE CO. GENERAL CONTROL ELECTRIC ROD A3817 N/A N/A N/A 1991 REPLACE-YES DRIVE CO. MENT Description of Work REPLACED CONTROL ROD DRIVE LIKE FOR LIKE. Hydrostatic [X] Pneumatic [ ] 8. Tests Conducted: Nominal Operating Pressure [ ] Other [ ] Pressure 1110 psi Test Temp. 200 F 9. Remarks APPLICABLE MANUFACTURERS DATA REPORTS ON FILE AT OCNPS 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 OWNER OR OWNERS DESIGNEE (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 of Illinois, employed by Hartford Steam Boiler Inspection Agency of Hartford, CT have inspected the REPLACEMENT described in this Report on 2-26-93 and state that to the best of my knowledge and belief, this pair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, ither 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.

(INSPECTOR)

Date 4-2-93

Commissions IL 971 NGF088

(STATE OF PROVINCE, NATIONAL BOARD)

)	. As Reight	red by the Provi	BECHER CALL	ASIVE C	CHRISTIAN SHEET STATE A	N. S. Ann there is a residence of the st	DESCRIPTION OF THE PERSON OF T	PERSONAL PROPERTY AND PROPERTY OF THE PERSONAL
	powealth Edison					Date	3/27/93	
-	Adams, Chicago, IL 60690					Shee	SUBSTRUMENT OF STREET OF STREET, STREE	
	and the second s					V Ymio		
_ Piant Quad C	ities Nuclear Power Station 206th Ave. North, Cordova,	FT 61242				Unit	1	
22/10	ZUDID AVE. NORIE, CORUNE,	IL OIL-L						
: Work Performed	by Quad Cities Nuclear St	ation				WR	Q01107	
22710	206th Ave. North, Cordova,	IL 61242						
	COMPANIE BOD	DEFUE						
4 . Identification of 5	ystem CONTROL ROD	DRIVE		*****				THE RESERVE THE PARTY WAS TO SHAPE THE PARTY WHEN
f. ia) Applicable Co	estruction Code ASME SE	C III CL1 / 197	1		ion, S'73		denda, Code Cas	
(b) Applicable Ed	lition of Section XI Utilized for	or Repairs or Re	placemen	ts- 1980	W'80 Ad	desda, C	ode Cases N3	90
11-16-1-1	Components Repaired or Repl	and Danley	ament C	0.000 ES	a to			
Name of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	ASME
Component	Mfr.	No.	Bd.	No.	Identi-	Built	Replaced, or	Code
			No.		fication		Replacement	Stamped
COLUMNOI	GENERAL	-	-			+	-	(Yes or No)
CONTROL	ELECTRIC	737	N/A	N/A	N/A	1968	REPLACED	YES
DRIVE	CO.							
CONTROL	GENERAL					T		
ROD	ELECTRIC	556A	N/A	N/A	N/A	1968	REPLACE- MENT	YES
DRIVE	CO.	-	-		AND DESCRIPTION OF THE PARTY OF	-	PELINE	
ALANA SIMBATTA PARA SIMBATTA P	DAYA AND AND AND AND AND AND AND AND AND AN							
							1.005	1,41,000
								N
*		and an arrangement of the second second	-		ME A LANCE COMPANY TO THE COMPANY OF COMPANY		Andreas and the same and a same and a same and a same a same and a same a same a same a same a same a same a s	AND DESCRIPTION OF THE PERSON
* Description of W	ot REPLACED CONTR	OL ROD DRIV	E LIKE	FOR LI	KE.			
					male company of the second			
. Tests Conducted:	Hydrostatic [X] Pressure 1110 psi	Test Temp.	-	No	ominal Operat	ing Press	ure [ ] O	ther []
	r reasont	Ton Tomp.	Mildeller E					
- Remarks Al	PPLICABLE MANUFACTU	RERS DATA F	EPORT	S ON FI	LE AT QCN	TPS		
		-		-			THE REPORT OF THE PARTY OF THE	
			0.00.00	N. C. P. C.	A1000			
We cortify that the	statements made in this rep	CERTIFICATI			ince Lacement	conf	orms to Section	YI of the
ASME Code.	acastericana mane an mas rep	OLL MIC COLLEGE	means break	CHEROLOGICA	Barto Santati Calant S &	COLI	ON BRID ED D'OCENOS	ALL OIL MAC
	-11	4 /	-1	11				-
Enigned	iton p	Marat.	243	17	***************************************	NAME AND ADDRESS OF THE OWNER, WHEN	3-29	NAME OF TAXABLE PARTY OF TAXABLE PARTY.
10	WHER OR OWNERS DESIGNEE		OF PM	ALL REPORTS TO THE PARTY AND A	TLE	THE STREET STREET, MADE		(DATE)
		CERTIFICATE	OF INS	PECTIC	)N			
the undersigned,	bolding a valid commission	issued by the N	ational	Board of	Boiler and I	Pressure	Vessel Inspector	8
and the State of III	inois, employed by Hartford	Steam Boiler I	nspectio	a Agency	y of Hartford	L, CT hav	re inspected the	
	described in this Report of							
	ent has been constructed in							
	or nor his employer makes a eport. Furthermore, neither							
	damage or a loss of any kin						- Tot maly	
Irate 4-2-93	A 0. B.O	)						
10010 M-1-75	NIGHER WALK	ey		Con	nmissions [	47/1	NB5088	

THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED AND ADDRESS O	REPORT AND PARTY	CONTRACTOR STREET, STR	SHOWER THE PROPERTY OF	NAME AND ADDRESS OF THE PARTY.	EXPERIMENTAL PROPERTY OF THE P	Charles be observed the	THE STREET WATER STREET, STREE	CONTRACTOR DE LA CONTRA
Specific and the second	ealth Edison					Deta	6. TRANSPORTER HUMBING AND PROPERTY.	
72 W. Ade	ms, Chicago, IL 60690	IS THE OWNER OF THE OWNER OWN				Shee	x 1 of 1	Mindow
and the same of th	s Nuclear Power Station th Ave. North, Cordova, 1	IL 61242				Unit	1	
	AND STREET, THE PARTY OF THE PA							
	Quad Cit. Nuclear Str h Ave. North, Cordova, I	CORPS A DARKA SPECIAL REACHEST AND EXCHANGE SPECIAL SP				WRA	Q01084	
4. Identification of Syste	CONTROL ROD	DRIVE						CONTRACTOR SERVICES
	action Code ASME SE	MATERIAL STREET, SALES AND ADDRESS OF THE PARTY OF THE PA	GREAT AND STREET, STRE	INVESTIGATION OF THE PERSON OF	tion, S'73	SANGER STREET	denda, Code Cas ode Cases <u>N3</u>	PERSONAL PROPERTY AND ADDRESS OF THE PARTY AND
6. Identification of Com	ponents Repaired or Repla	aced, and Replac	cement C	omponer	nts			
Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'i Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No
CONTROL ROD DRIVE	GENERAL ELECTRIC CO.	573	N/A	N/A	N/A	1968	REPLACED	YES
CONTROL ROD DRIVE	GENERAL ELECTRIC CO.	163	N/A	N/A	N/A	1968	REPLACE- MENT	YES
	Hydrostatic [X]	Pneumatic [ Test Temp.	] 200 F	No	ominal Operati		ure [ ] O	ther []
STATE	CHARLE PARTIES ACTO	CLICO DATA K	LIUNI	SONFL	LE AT OCN	ra		
We certify that the state ASME Code. Signed		CERTIFICATE ort are correct a	and this	REPI		confe	orms to Section	
THE RESERVE OF THE PERSON NAMED IN COLUMN 1997 AND THE PERSON NAME	R OR OWNERS DESIGNEE)			Tn	TLE		anno alla manina anno anno anno anno anno anno anno	(DATE)
I, the undersigned, hold and the State of Illinois, REPLACEMENT described in this Report injury or property damage 12-93	ling a valid commission in the complex of the constructed in an arm has been constructed in a constructed in	Steam Boiler In 3-2-93 ccordance with my warranty, extend the Inspector no	ational Inspection and stat Section pressed or his ex	Board of a Agency te that to XI of the or implie aployer s ated with	Boiler and P of Hartford, the best of a e ASME Code ed, concerning	CT have ny knowle. By sign e. By sign g the rep in any non.	e inspected the ledge and belief, ning this certific mir or replacem nanner for any	, this
	(Inspec	(TOR)		Com	STAT	E OR PRO	NR SOFA	AT BOARD

1. Owner	Commonwe	alth Edison					Date	3/27/93	
	SHAPE OF THE PARTY	s, Chicago, IL 60690	CONTRACTOR OF THE CONTRACTOR OF T				Shee	OR AND A COLUMN TWO PROPERTY OF THE PARTY.	
2. Plant	SATURATION AND ADDRESS OF THE PARTY OF THE P	Nuclear Power Station Ave. North, Cordova, 1	IL 61242				Unit	1	
3 Work Pr	erformed by	Quad Cities Nuclear Str	ition				WRA	Q01095	
J		Ave. North, Cordova, I	CONTRACTOR DESCRIPTION OF THE PERSON OF THE						
4. Identific	ation of System	CONTROL ROD	DRIVE						
					APROXIMENT WAS VERY VERY		CONTRACTOR OF THE		
		of Section XI Utilized for				W'80 Ad		denda, Code Cas ode Cases N3	
							andres, w		-
		onents Repaired or Repis	magic mineramental and an experience of the contract of the co			REPORTS AND ADDRESS OF THE PARTY AND ADDRESS.	T		
	ne of ponent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Replaced, or Replacement	ASME Code Stamped (Yes or No)
R	TROL OD IVE	GENERAL ELECTRIC CO.	1836	N/A	N/A	N/A	1970	REPLACED	YES
CON	TROL	GENERAL ELECTRIC	A9137	N/A	N/A	N/A	1992	REPLACE-	YES
DR	IVE	CO.					-	MENT	***
-	-								
7. Descripti	on of Work	REPLACED CONTRO	L ROD DRIVE	ELIKE	FOR LI	KE.			
8. Tests Co		ydrostatic [X] ressure 1110 psi	Pneumatic [ Test Temp.	) 200 F	No	minal Operati	ng Press	ure [ ] Or	ther [ ]
9. Remarks	APPLIC	ABLE MANUFACTUI	RERS DATA R	EPORT	S ON FI	LE AT QCN	PS		
STREET,	Millermann, disalong agraemy years		CEDTITIOATE	OFCO	B. CTW. T. A.	1/99			
We certify	that the states	nents made in this repo	CERTIFICATE	nd this		ACEMENT	_ confo	orms to Section	XI of the
Signed	In	For by	Mon	4. 5	staf	+		3-29-9	23
	GOWNER	OR OWNERS DESIGNEE)			Trr	LE		CONTRACTOR OF THE STATE OF THE	(DATE)
		C	ERTIFICATE	OF INSI	PECTIO	N			
and the Sta	te of illimoss,	ng a valid commission is employed by Hartford : ribed in this Report on	Steam Boiler In	spection	Apper	of Hartford	CT how	a increased the	
"paur or re	placement has	s been constructed in ac	cordance with	Section 1	XI of the	ASME Code	By sie	ning this partific	rete I
described in	inspector nor this Report.	his employer makes an Furthermore, neither to ge or a loss of any kind	y warranty, exp he Inspector no	pressed o r bis em	or implie plover si	d, concerning	in any m	air or renlacem	need .
Date 4-0		Harlon Bul	2/4					1100-01	
70	-	(Inspec	TDR)	-	Corn	TATES	E OR PRO	NB 8088	AL BOARD)

1. Owner	STATE CHARGE AND ADDRESS OF THE PARTY OF THE	ealth Edison ms, Chicago, IL 60690	NAMES OF THE OWNER, WHEN PERSON AND THE OWNER, W				Date	SECURIOR SEC	
2. Piant	Wastern and Philippiness and approximate to	Nuclear Power Station					Unit	distribution special	
		h Ave. North, Cordova,	IL 61242					STATE OF THE PERSON NAMED IN	
3. Work Pe		Quad Cities Nuclear St	SEC WITHINGS THE PARTY SET WHEN THE PARTY SECURITY SECURI				WR	Q96299	
	22710 2066	h Ave. North, Cordova, 1	IL 61242						
4. Identifica	stion of Syste	HIGH PRESSURI	COOLANT I	NJECTI	ON				
5. (a) Appli	icable Constn	uction Code USAS B3	1.1 / 1967	Edition,	N/A	Addenda	Code C	ases NONE	
(b) Appl	icable Edition	of Section XI Utilized for	or Repairs or Re	placemen	nts- 1980	W'80 Add	ienda, C	ode Cases N3	08
		ponents Repaired or Repla	nuel communicación de la companient de l	and a construction of the same of	\$1000000000000000000000000000000000000	Secretaries on control (c.) Contribution of the last interests			
Comp	ne of conent	Name of Mfr.	Mfrs. Ser. No.	Bd. No.	No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SUCTIO	PUMP N RELIE LVE	UNKNOWN	N/A	N/A	N/A	1-2301-23	N/A	REPLACED	NO
- 00/0100/1000/00/100	PUMP N RELIE	IBRAIOUAI	N//				1		
	LVE	UNKNOWN	N/A	N/A	N/A	1-2301-23	N/A	REPLACE- MENT	NO
-									
								44	
7. Descripti	on of Work	REPLACED HPCI SU	CTION RELIE	F VAL	VEIR	F FOR I IVE			
				***************************************	***************************************				
8. Tests Cor	Contract of the second	Hydrostatic [X] Pressure 26 psi	Pneumatic [ Test Temp.	AMB 1		ominal Operation	ng Press	ure [ ] Ot	her [ ]
9. Remarks	APPLI	CABLE MANUFACTU				LE AT QCNE	·S.		
We certify t	that the state	ments made in this repo	CERTIFICATE	of CO		NCE LACEMENT	_ confo	orms to Section	XI of the
Signed	9	Wiford &	Mai	Nf.	54.	ett.		7-1-93	
MARKET HE SEE STATE OF THE SECOND	(Ownter	OR OWNERS DESIGNEE)		Name of the last o	Tri	TLE			(DATE)
and the Stat	te of lilinois,	ing a valid commission i employed by Hartford : cribed in this Report on	Steam Boiler In	ational E	loard of	Boiler and Pr	CT how	a improved the	
Lebant of Le	pracement h	as been constructed in ac	cordance with	Section 1	KI of the	ASME Code	Ry cier	nime this cartific	nto I
bunding in	this Report.	his employer makes an Furthermore, neither tige or a loss of any kind	he inspector no	r his em	plover c	hall be liable i	-	air or replacementation and parties of the second s	ent ersonal
Date 7-		Horlon Book						MRCLOP	
		(Inspec	4		Con	(STATE	OR PRO	NISEURE	I BOARD)

1. Owner Commonwe 72 W. Adam	alth Edison ns, Chicago, IL 60690	MIT NATIONAL AND ASSESSMENT				Dete	SANSON PRODUCTION OF STREET, COMMERCE AND ADDRESS OF STREET, C	
	Nuclear Power Station Ave. North, Cordova,	IL 61242				Unit	1	
And the second s	Ave. North, Cordova, I	L 61242				WR	Q79115	
Identification of System     Applicable Construction     Applicable Edition	Spiritual parties in the first and a parties of the control of the distribution of the annual parties of the control of the co	.1 / 1967	Edition,		MANAGEMENT CO.		Ases NONE	08
6. Identification of Comp	onents Repaired or Repla	ced, and Replac	ement C	ompone	nts			
Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PIPING SUPPORT	N/A	N/A	N/A	N/A	M-990D-4	N/A	REPAIRED	NO
PIPING SUPPORT BOLTING MATL.	N/A	N/A	N/A	N/A	M-990D-4	N/A	REPLACED	NO
PIPING SUPPORT POLTING MATL.	N/A	N/A	N/A	N/A	M-9900-4	N/A	REPLAC- MENT	NO
7. Description of Work	INSTALLED NEW BO	LTING MATI	. OLD	BOLTIN	NG WAS FOU	ND TO	BE GALLED.	подображания подображания с десе
8. Tests Conducted: H	ydrostatic [ ]	Pneumatic [ Test Temp	]	No	ominal Operation			her [X] VT-3/4
9. Remarks APPLIC	ABLE MANUFACTUR	ERS DATA R	PORT.	ON FI	LE AT QCNP	S.	AND THE PERSON NAMED IN TH	Marie de la companya
and the same of the last of the same to be a supplied to the same to be a		ERTIFICATE	OF CO	B.FTW V.A	NOP	and the same of the same		
We certify that the staten ASME Code.				REP		confo	rms to Section 2	XI of the
Signed/(	Fordh	Mz.n	+. 5	5+= -	t		8-2	3-93
(OWNER	OR OWNERS/DESIGNEE)	Mar was a reserve and the serve	A Razonson de la companya de la comp	NAME AND ADDRESS OF THE OWNER, WHEN	TLE			(DATE)
I, the undersigned, holding the State of Illinois, e REPAIR description of replacement has	ng a valid commission is amployed by Hartford S ribed in this Report on	Steam Boiler In 8-23-93	tional B spection and state	oard of Agency that to	Boiler and Proof Hartford,	CT have	e inspected the edge and belief.	this
ser the inspector nor described in this Report. injury or property damag	his employer makes any Furthermore, neither th	warranty, exp se Inspector no	ressed o	r implie ployer s	d, concerning hall be liable i	the repa	air or replaceme	and
Date 8-23-13	Sordin Bosto	2			missions IL	971	NB 8058	Management and the Samuel Street, which the Samuel Street, Samuel
LOUIS TO SEE THE CONTRACTOR PARTY WAS TO SERVICE THE CONTRACTOR OF	(Inspec	TOK)			(STATE	OR PRO	VINCE, NATIONA	L BOARD)

1. Owner	Commonwealth						Date	SERVICE AND A STATE OF THE PARTY OF THE PART	
	72 W. Adams,	Chicago, IL 60690					Shee	t 1 of 1	
2 iant	STEEL COLUMN TO A THE RESIDENCE OF THE PROPERTY OF THE PROPERT	clear Power Station ve. North, Cordova,	IL 61242				Unit	1	
3. Work Po		and Cities Nuclear St vs. North, Cordova,					WRA	Q92245	
4. Identific	ation of System	REACTOR RECI	IRC .			O MILIO CON TITULO DE LOS ESTRUCCIONES NA CONTRACTO			Name (Waynessandara
		n Code ASME SE Section XI Utilized for							8 / N-1236-1.
6. Identific	ation of Compone	nts Repaired or Repl	aced, and Replac	ement C	оппроисп	its			
	me of sponent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Replaced, or Replacement	ASMEE Code Stammped (Yes cor No)
WATEI	OR VESSEL R LEVEL JENTATION PING	N/A	N/A	N/A	N/A	N/A	N/A	REPLACED	.wo
REACTO WATEI INSTRUM	PR VESSEL R LEVEL IENTATION PING	N/A	N/A	N/A	N/A	N/A	N/A	REPLACE- MENT	.WO
***************************************									
7. Descript 8. Tests Co 9. Remarks	enducted: Hydr Press	PLACED RVWLIS  rostatic [X]  sure1110psi  BLE MANUFACTU	Pneumatic [ Test Temp.	] 200 F	No	minal Operati		ure [ ] Od	ber : 1
-	AND DESCRIPTION OF THE PARTY OF								
We certif! ASME Coa		nts made in this repo	CERTIFICATI ort are correct a			ACEMENT	_ confe	orms to Section	XI of : the
Signed	9,	LFON	for M	10:0	Commencial Information of Section 2	4=4		10-2	1-9.3
N. SALTENATURE LE SELLE PARENT	(Owylete or	OWNERS DESIGNEE)	ERTIFICATE	OF INSI	Tri	PROBLEM TO PRODUCT OR AND ADDRESS OF	AL ARMYSINE SERVICE LA SERVICE		(IDATE)
and the Sta REPLACE repair or re neither the	te of Illinois, em MENT describ eplacement has b inspector nor his	a valid commission ployed by Hartford ed in this Report on sen constructed in a semployer makes as rthermore, neither	issued by the No Steam Boiler In (0-21-93) accordance with my warranty, ex	ational E espection and stat Section	card of Agency that to XI of the or implie	Boiler and P of Hartford, the best of n ASME Code d, concerning	CT hav ny knowl e. By sign g the rep	e inspected the ledge and belief, ning this certific air or replacem	, thus

(STATE OR PROVINCE, NATIONAL BOJARD)

(INSPECTOR)

1. Owner		Date 10/21/93									
	72 W. Adams,	Chicago, IL 60690	CHARLEST PROPERTY.				She	et <u>1</u> of	1		
Plant	OUT HOUSEN THE STREET WHITE THE PARTY OF THE	ve. North, Cordova,	COMPANY AND ADDRESS OF THE PARTY OF THE PART				Uni	11			
2 West B			The second secon								
3. Work P	- Accounts	ued Cities Nuclear S ve. North, Cordova	PERFORE PERFORMANCE AND ADDRESS OF THE PERFORMANCE AND ADDRESS.				WR	V Q92246			
4. Identific	ation of System	REACTOR REC	TRC								
				A STATE OF STREET AND A STREET	THE PERSON NAMED IN COLUMN		***************************************		TO THE RESERVE OF THE PARTY OF		
5. (a) Appl (b) Appl	licable Construction of	on Code ASME S Section XI Utilized	EC III / 1965 for Repairs or Re	Edition, placemen	W '65 ats- 1980	Addends W'80_Ad	denda, C	cases NONE	08 / N-236-1		
6. Identific	ation of Compone	ents Repaired or Rep	laced, and Replac	ement C	omponen	its					
Na	me of sponent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Cod Stamped (Yes or No		
WATEI	R VESSEL R LEVEL ENTATION PING	N/A	N/A	N/A	N/A	N/A	N/A	REPLACED	NO		
WATEI	R VESSEL R LEVEL ENTATION ING	N/A	N/A	N/A	N/A	N/A	N/A	REPLACE- MENT	NO		
7. Descripti	on of Work RE	EPLACED RVWLIS	PIPING LAW	MOD M	4-1-87-05	59B					
8. Tests Cor	aducted: Hyde	rostatic [X]	Pneumatic [ Test Temp.	]		minal Operati	ng Pressu	ire [ ] Ot	her [ ]		
9. Remarks	APPLICAL	BLE MANUFACTU			ON FIL	LE AT QCN	PS.	electronia.			
				Commission of the state of the	actions actions as a second		T ANY A POST ACCUSANCE	WHENCH SHEET	Water description has no consideration and an		
We certify t	that the statemen	ts made in this repo	CERTIFICATE at are correct as	OF CO		ACEMENT	confo	rms to Section 2	KI of the		
Signed	Q,	1 For	la Ma	nt	56-1	ct		10-21	02		
	(OWNER OR	OWNERS DESIGNEE)	W	101-	Tm	LE	-	10-01	(DATE)		
		C	ERTIFICATE (	OF INSP			CONTRACTOR AND PROPERTY.		(DAIE)		
l, the under	signed, holding a	valid commission	issued by the Na	tional R	nerd of I	Roller and Dr	www.w. W	and Inserted			
mind time Debt	e of illinois, emi	ployed by Hartford	Steam Boiler Inc	mouthers	Appare	of Hartford	Cak pom	improved the			
KEPLACEN	ALIVI GESCHIDE	ed in this Report on en constructed in a	10-21-73 8	and state	that to	the best of m	v krannik	hailad bare and	this		
BETTHEL THE I	nspector nor his	employer makes an	y warranty, exp	ressed o	r implied	1. concerning	the pene	ir or peoleonma	and I		
sescribed in	this keport. Fur	thermore, meither t	be Inspector nor	his emp	lover sh	all be liable i	any m	anner for any p	ersonal		
	d	a loss of any kind	erroug trom or	connect	ed with t	ns inspection	n.				
Date 10-	ace 10-11-93 Oboson 2 Dog					Commissions JL 971, NB 8088					
		(Inspec	TOR)			(STATE	OR PROV	INCE, NATIONAL	L BOARD)		

1. Owner	C								
1. Cowner	THE REPORT OF THE PERSON NAMED OF THE PERSON NAMED IN	ealth Edison ams, Chicago, IL 60690	ac inversaceasies				Dat	CARRENGIAMANAMANAMANAMANAMANAMANAMANAMANAMANAMA	
	Commence of the Commence of th	, Court of Louisian Court					She	et <u>1</u> of _	1
Plant	VACUUM PROPERTY NAMED AND ADDRESS OF THE PARTY NAMED AND ADDRE	s Nuclear Power Station					Uni	t 1	
	22710 206	th Ave. North, Cordova, I	IL 61242					Commence of the Commence of th	
3. Work Pe	erformed by	Quad Cities Nuclear Sta	tion						
J. WOLK I'C		th Ave. North, Cordova, I					WR	# Q07867	
		THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN	02042						
4. Identifica	stion of Syste	HIGH PRESSURE	COOLANT I	NJECT	ION				
6 (a) A-1	N - C							AND THE PARTY OF T	Marchine Street, and Land
(h) Appli	icable Constr	uction Code USAS B31	.1 / 1967	Edition,	N/A	Addenda	, Code C	Leses NONE	
(o) reppu	IVADIO DAILUM	n of Section XI Utilized fo	a Repairs or Re	placeme	198	9 EXF 11/2 5/2	denda, C	ode Cases <del>N</del> 3	W/2/13
6. Identifica	tion of Com	ponents Repaired or Repla	ced, and Repla	cement C	ompone	nts			
Nan	ac of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	ASME Coo
Comp	tasaoo	Mfr.	No.	Bd.	No.	Identi-	Built	Replaced, or	Stamped
HPCI TO	TORINE			No.		fication		Replacement	(Yes or No
EXH		DUO-CHECK	30627	N/A	N/A	1-2301-45	N/A	DEW ACOUN	***
CHECK			3000	10.2	14/24	1-2301-43	NA	REPLACED	NO
HPCI TI	The state of the s					THE R. LEWIS CO., LANSING MICH. SPICE AND RESIDENCE AND			NAME OF THE OWNER,
EXH		C.S. VALVE CO.	90-1239-	N/A	N/A	1-2301-45	1991	REPLACE-	NO
CHECK	VALVE		01Q-03	-				MENT	et sineappear programme surround
	100							10.00	
	200.230		المناسبة الما					3 7	
		THE RESERVE AND DESCRIPTION OF THE PERSON OF	PARTY IN AND DESCRIPTION OF THE PARTY OF THE						-
	71981								
Principal de la companya del companya del companya de la companya		MATERIAL PROPERTY AND ADDRESS OF THE PARTY AND				William Committee of the Committee of th			
7. Descriptio	on of Work	REPLACED VALVE L	TKE FOR LIK	TET					
		THE TENTON	LIGHT CON LAIR	enconstruction and the			-		
8. Tests Con	ducted: F	Hydrostatic [ ]	Pneumatic [	1	No	minal Operation	p Press	are [ ] Od	mer [X]
	P	ressure 30 psi	Test Temp	AMB_I				VT-2	
9. Remarks	A TOTAL W	TARKE BAARTEN A CHINE							
y. KCHMIKE	APPLIC	CABLE MANUFACTUR	ERS DATA R	EPORT	ON FI	LE AT QCNP	S.		The and description was
	SECTION AND PROPERTY.	THE STATE OF THE S		THE RESERVE OF THE PARTY OF THE	-	THE RELEASE OF THE PERSON OF T		-	
THE RESERVE AND ASSESSED FROM		C	ERTIFICATE	OF CO	MIPE TAT	NCE	Designation of the state of the	NAME OF THE OWNER, WAS ARRESTED AND ADDRESS OF THE OWNER, AND ADDRESS OF THE OWNER, AND ADDRESS OF THE OWNER,	MAN OF STREET, ST. SAN
We certify th	hat the states	ments made in this report	are correct as	nd this		ACEMENT	confo	rms to Section 3	T of the
ASME Code					STATE OF THE PARTY			20 0000000 2	MR 600 E400
Signed	Λ	00.1	D		-				, ,
nell tacks	(DWNER)	OR OWNERS DESIGNEE)	12	M	aint	Supt	-	10,	14/93
THE RESERVE OF THE PARTY OF THE	The M. L. Eller	ENCOPERCY WHERE MAINER HARE EVEN EX HER GLOBALIST, MAY REALES AN ENGLISH AND ARRANGED A PRINCIPLE.	RTIFICATE (	OF DUCE	ITT	LE	MINISTER RESPONSE F MAN		(DATE)
		-	MILLARE	JF LMSF	ECTIO	N			
, the unders	igned, holdis	ng a valid commission is:	sued by the Na	tional B	oard of	Boiler and Pre	MILLIPP V	essel Inspectors	
man mac Device	OR MANUSORE, O	employed by hareford St	team Boiler Inc	mertion	Apparam	of Hartford	Page 1	improved the	
THE ROLL PROPERTY	TELLI DESC	rided in this Keport on t	1/2/93	and state	that to	the heat of was	· lemonala	dee and ballet	this
chant or Leb	incernent das	s been constructed in acc	ordance with 5	Section X	T of the	A STATE Code	Www. olam	ine this coult	4-
ribed in	this Report	his employer makes any Furthermore, neither the	warranty, exp	ressed or	unplie	d, concerning	the repa	ir or replacemen	nt
njury or pro	perty damag	ge on a loss of any kind a	rising from or	COnnect	noyer sa	this inercetion	any mi	anner for any pe	rsonal
		Part III			- William	maportion			
Pate 11/2	193	1 ansh	THE RESIDENCE OF THE PARTY OF T	PARTIES THE SERVICE AND	Com	missions I	Constitution of the last of th	The second secon	
EXPENSES ASSESSMENT OF PARTY WHE	The second section of the sect	(Inspect	OR)			(STATE	OR PROV	INCE, NATIONAL	BOARD)

1. Owner	Commonwea 72 W. Adams	th Edison , Chicago, IL 60690					Dat	MINISTRAL PROPERTY AND PERSONS ASSESSED.	<u>i</u>
2. Plant		Nuclear Power Station Ave. North, Cordova					Uni	11	
3. Work Pe		Quad Cities Nuclear S Ave. North, Cordova					WR	// Q08690	
5. (a) Appli (b) Appli	cable Construct	HIGH PRESSUR ion Code USAS & f Section XI Utilized	31.1 / 1967 for Repairs or Re	Edition,	N/A	Add	, Code C	Cases NONE	
6. Identifica	tion of Compon	sents Repaired or Rep	laced, and Repla	cement C	omponez	13			
Comp	onent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
HPCI CO WATER I FLANGE I	RELIEF	N/A	N/A	N/A	N/A	i-2301-53	N/A	REPLACED	NO
WATER I	RELIEF	N/A	N/A	N/A	N/A	i-2301-53	N/A	REPLACE- MENT	NO
7. Descriptio	ducted: Hyd	EPLACED INLET I	Pneumatic [ Test Temp.	)	Ner	LLIKE.	g Press	ure [X] Od	ber [ ]
. Remarks	APPLICA	BLE MANUFACTU	RERS DATA R	EPORT:	ON FI	E AT QCNP	S.		And the second s
We certify th SME Code.	at the stateme	nts made in this repo	CERTIFICATE ort are correct as	nd this		AACEMENT	confo	rms to Section )	
-	(OWNER OF	OWNERS DESIGNEE)	<b>F</b>	11014	7.			2	21-94
EPLACEM epair or repleither the incertibed in t	igned, holding of Illinois, em ENT describ accement has b spector nor his his Report. Fu	a valid commission in ployed by Hartford ed in this Report on een constructed in an employer makes an orthermore, neither t	Steam Boiler In 3-21-94 a ecordance with S y warranty, exp be Inspector nor	tional Bespection and state Section X ressed or his emp	ard of I & Insur: that to If of the implied	Booiler and Prennnce Co. of Hi three best of my AASME Code. L. concerning	artford, knowle By sign the repa	CT have inspecting and belief, ing this certification	this ate,
y or prop ate 3-26	perty cannage	or a loss of any kind	arising from or m Bosley	connect	ed with t	missions D		and its any pr	13044
		(Inspec	TOR)		M.D.	MANUFACTURE AT LINE	MARAMAN MARKET PROPERTY.	INCE, NATIONAL	BOARD)

1. Owner Commonwealth Edison 72 W. Adams, Chicago, IL 60690							Dat	STATE OF THE PERSON NAMED IN COLUMN	i
? Plant		Nuclear Power Station Ave. North, Cordova					Uni	-	
3. Work Pe	erformed by _	Quad Cities Nuclear S	Station				WR	// Q08061	
	22710 206th	Ave. North, Cordova	П. 61242						
5. (a) Appli	ation of System icable Construc- icable Edition of	HIGH PRESSUR	31.1 / 1967	Edition.	N/A	Addends	, Code C	Cases NONE	
							rease, w	AUC CASCS	-
o. identifica	ne of	nents Repaired or Rep Name of				OR OTHER PROPERTY OF THE OWNERS WHEN THE PARTY OF THE PAR			
	onent	Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
INLET F		N/A	N/A	N/A	N/A	N/A	N/A	REPLACED	(Yes or No
INLET F BOLT	LANGE	N/A	N/A	N/A	N/A	N/A	N/A	REPLACE- MENT	NO
									THE RESERVE OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE
7. Description	on of Work R	EPLACED INLET I	LANGE BOLT	ING LIK	E FOR	LIKE.			
8. Tests Con		drostatic [ ] ssure 920 psi	Pneumatic [ Test Temp.		Non	ninal Operation	ng Pressu	re [X] Oth	ser [ ]
9. Remarks		BLE MANUFACTU				E AT QCNI	s. (4)	Studs sing 7	96H33
We seed to a		COMPANY CHAPTER STREET, ST.	CERTIFICATE	OF CO	WPLIAN	CE			
ASME Code	at the stateme	nts made in this repo	rt are correct ar	d this	REPL	ACEMENT	_ confo	rms to Section X	I of the
Signed	(OWNER OF	ALOW A		Mais	4. 5	THE CHARLES AND ADDRESS OF THE PERSON NAMED IN COLUMN 2 IN COLUMN		3-2	1-94
AND A STATE OF THE PARTY OF THE		SHEMPHINGS AND FOR PROVING VALUE OF SHEET OF VALUE OF SHEET OF VALUE OF SHEET OF SHE	ERTIFICATE C	F INSP	TITL				(DATE)
makes awards Philodolphia	WIN ALBERTANCE CONT.	a valid commission is ployed by Hartford is sed in this Report on	ssued by the Nat	tional Be	ard of B	oiler and Pro		Afficiant is	ted the
either the in	spector nor his	employer makes an	y warranty, expi be Inspector por	ressed or	implied	ASME Code., concerning	By signi the repa	ng this certificat	te,
hate 3.20		Joshan Coron 1	Boshey	connecte	d with th	nis inspection ussions IL			
		(INSPEC	TOR)	AN ADDRESS OF THE PARTY.		GOOD STATE OF THE PARTY NAMED IN	THE REAL PROPERTY AND ADDRESS OF THE PARTY AND	INCE, NATIONAL	BOARD)

	72 W. Adam	alth Edison ns, Chicago, IL 60690		Date 3/21/94 Sheet 1 of 1						
? Plant		Nuclear Power Station Ave. North, Cordova,	II 61242				Unit			
3. Work Per	formed by	Quad Cities Nuclear S Ave. North, Cordova,	tation				WR	Q08067		
4. Identificat				NJECTI	ON					
5. (a) Applica (b) Applica	able Constructable Edition	ction Code _USAS B3	1.1 / 1967 for Repairs or Re	Edition,	N/A	Addenda 39 Addend	, Code C	ases NONE		
		ments Repaired or Repl						1 Marian Commission		
Name Compo	of	Name of Mfr.	Mfrs. Ser.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped	
HPCI ST SUPP PIPIN	LY	N/A	N/A	N/A	N/A	1-2305	N/A	REPAIRED	(Yes or No)	
7. Description 8. Tests Condi	ucted: Hy Pre	CUT AND REWELDE  drostatic [ ]  assure920psi  ABLE MANUFACTUI	Pneumatic [ Test Temp.	] 535	Non	ninal Operation	ng Pressu			
					TO SECOND PROPERTY AND ADDRESS.		CHARLES IN ADDRESS CONTRACT	AND A STREET OF STREET,	THE STATE OF THE STATE OF	
	THE CHARLES AND ADDRESS OF THE MANAGEMENT						SAME OF STREET			
	at the statement	ents made in this repo	CERTIFICATE	OF CO	MPLIAN		confor	ms to Section X	I of the	
We certify tha	21	ents made in this repo	CERTIFICATE of are correct ar	nd this		TATE	confer		(I of the	

1. Owner	Commonwea 72 W. Adam	of the Edisons s, Chicago, IL 6060690					Date	4/9/94 st 1 of 1	
? Plant	GIVANG MANUALINY KATAMINA KANDINING MANUALIN	Nuclear Power Statemen Ave. North, Caractore.	IL 61242				Uni		
		Quad Cities Nuciesear S Ave. North, Carectova.					WR	Q11915	
4. Identifica	tion of System	RESTOCAL HEA	T REMOVAL						
5. (a) Applic (b) Applic	cable Construc	tion Code <u>USAAS R3</u> of Section XI Utilizated f	1.1 / 1967 or Repairs or Re	placeme	dition	N/A A	ddenda,	Code Cases	
6. Identificat	tion of Compo	nents Repaired or r Repl	aced, and Renlad	cement C	omnone	nte			
Compa	e of onent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Replaced, or Replacement	ASME Code Stamped (Yes or No)
ID RHR S WATER REDUCING	PIPING	N/A	N/A	N/A	N/A	1-1003D	N/A	REPAIRED	NO
'. Description . Tests Cond	lucted: Hy	drostatic [ ] ssurepsasi	Pneumatic [ Test Temp.	]	No F.	minal Operation	ng Pressu		ISCHARGE.
	Substitution of the last of th	0022			-		THE RESERVE OF THE PERSON NAMED IN	Control of the Contro	
Ve certify the SME Code.	nR	ents made in thisss repo		OF CO	REPA		confo	rms to Section )	
O MARINE Y MARINE MARINE MARINE	(OWNER OF	R OWNERS DESIGNATE)		ON THE RESIDENCE OF THE STATE O	Trr		Commission of the Commission o	THE RESERVE OF THE PARTY OF THE	(DATE)
REPAIRE pair or repl ther the im-	D descril acement has to spector nor hi his Report. For	a valid commission is aployed by Harretford Stone in this Repeated in access construction in access employer manages any arthermore, mestites to or a loss of any v kind	team Boiler In  4-9-94  cordance with S  warranty, exp  be Inspector nor  arising from or	tional B spection and state Section X ressed of	& Insure that to If of the implier ployer sh ed with t	Boiler and Pronte Co. of He the best of my ASME Code. d, concerning hall be liable in this inspection	lartford, y knowie By sign the repa n any mu	CT have inspended and belief, ing this certification or replacements anner for any position.	cted the this ate,
***************************************		Derkin arrora 1		Carring a year or an annual and a second	_ Comz	missions IL	STREET, STREET, SHOWING THE ACT OF THE PARTY NAMED IN	NE SOSS	BOARD

	FORM NIS-2 O' As Requ	ired by the Provi						
OTHER DESIGNATION OF THE PARTY	wealth Edison					Det	COLUMN TRANSPORTE DE LA COLUMN	
72 W. Ad	lams, Chicago, IL. 60690	unexautra/serumato				She	st 1 of _	1_
" Plant Quad Cit	es Nuclear Power Station					Uni	1	
22710 20	6th Ave. North, Cordova,	IL 61242						
	Quad Cities Nuclear St	RESIDENCE AND ADMINISTRATION OF THE PROPERTY OF THE PARTY				WR	Q71312	
22710 20	6th Ave. North, Cordova,	IL 61242						
4. Identification of Sys	tem REACTOR WAT	ER CLEAN UP	•				NAT AND PROPERTY OF THE PARTY OF THE PARTY OF THE PARTY.	
5. (a) Applicable Cons	truction Code USAS B3	1.1 / 1967	Edition,	N/A	Addenda	, Code C	ases NONE	
	on of Section XI Utilized f							
6. Identification of Cor	nponents Repaired or Repl	aced, and Replac	persent C	ompone	nts			
Name of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	ASME Co
Component	Mfr.	No.	Bd.	No.	Identi-	Built	Replaced, or	Stamped
RWCU			No.		fication	+	Replacement	(Yes or No
SUCTION	N/A	N/A	N/A	N/A	1-1201-2	N/A	REPAIRED	NO
VALVE								
VALVE BONNET	N/A	27/4						
BOLTING	N/A	N/A	N/A	N/A	1-1201-2	N/A	REPLACED	NO
VALVE			-			-	REPLACE-	
BONNET	N/A	N/A	N/A	N/A	1-1201-2	N/A	MENT	NO
BOLTING		-	-		TAILS AND SOME AND THE SAME SHOWN	-	****	
. Description of Work	REPAIRED VALVE,	Pneumatic [	]		NG LIKE FOI			her [ ]
. Remarks APPL	Pressure <u>920</u> psi ICABLE MANUFACTU	Test Temp		S ON FI	LE AT QCNI	PS.		
Ve certify that the stat SME Code.	tements made in this repo	CERTIFICATE et are correct a	OF CO	MPLIA REP/		_ confo	rms to Section !	KI of the
igned	Is Fort be	Mair	4 5	taft	4	233	6	-6-94
(Own	E OR OWNERS DESIGNEE)			CONTRACTOR AND ADDRESS OF THE PARTY AND ADDRES	LE			(DATE)
		ERTIFICATE	OF INSI	ECTIO	N			
EPAIR de	ding a valid commission in a, employed by Hartford scribed in this Report on has been constructed in a	Steam Boiler In	spection and state	& Insur	rance Co. of E	Eartford	, CT have inspe	cted the
either the inspector no cribed in this Repor	or his employer makes and t. Furthermore, neither thanks or a loss of any kind	y warranty, exp be Inspector na	ressed o	r implie ployer sl	d, concerning hall be liable i	the repa	air or replaceme	ent l
hate 6-7-94	By len				missions Z		NA FORD	

(INSPECTOR)

Commissions ZL 97/ NB FeFF (STATE OR PROVINCE, NATIONAL BOARD)

CONTRACTOR OF THE PROPERTY OF THE PARTY OF T	ealth Edison ms, Chicago, IL 60690	COMMUNICATION AND				Date		
12 W. AGE	ms, Chicago, IL. 60090	PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS				She	at 1 of	2
STATE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	Nuclear Power Station h Ave. North, Cordova,	IL 61242				Uni	1_1_	
3. Work Performed by 22710 2066	Quad Cities Nuclear St h Ave. North, Cordova,					WR	Q03261	
Identification of Syste     Applicable Construction     Applicable Edition		ECTION III	Edition,	W 65	Addenda		Cases NONE	
						ocracut, C	oge CasesN3	<u>Q8</u>
6. Identification of Com			-	the management of a large	Manager in expression and a series of the se			
Consponent	Name of Mfr.	Mfra. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Cod Stamped (Yes or No
BELLOWS	PATHWAY	N/A	N/A	N/A	N/A	N/A	REPLACED	NO
OUTER BELLOWS	FLEXONICS .	G 5700 G 5701	N/A	N/A	N/A	N/A	REPLACE- MENT	NO
INNER BELLOWS	FLEXONICS	SI H 9833 SI H 9834	N/A	N/A	CUN	N/A	REPLACE- MENT	NO
HREADED PLUG 16 UNC	N/A	N/A	N/A	N/A	MRR 89- 261	N/A	N/A	NO
7. Description of Work	REPLACED TWO PL STRUCTURAL HARD	Y BELLOWS	WITH D	NNER A	ND OUTER	BELLO	WS AND ASS	OCIATED
8. Tests Conducted: F	lydrostatic [ ] researe 50 pei	Pneumatic [ Test Temp.	] F	No	minal Operation	ng Pross		her [X]
9. Remerks APPLIC	CABLE MANUFACTUR	RERS DATA R	EPORT:	ON FI	LE AT QCNI	PS.		
We certify that the states ASME Code.	nents made in this repo	CERTIFICATE	OF CO		NCE LACEMENT	confo	rms to Section )	CI of the
Signed (Output of	OWNERS DESIGNED	M2 -	ut		4	CONTRACTOR OF THE PROPERTY.	6-23-9	4
OWNER	THE RESIDENCE AND ASSESSMENT OF THE PROPERTY O	ERTIFICATE (	JE DUCE	TITLE	B.Y	-		DATE)
I, the undersigned, holds and the State of Illinois, REPLACEMENT desc repair or replacement has reither the inspector nor cribed in this Report, injury or property damage	ng a valid commission is employed by Hartford S ribed in this Report on a been constructed in ac his employer makes any Furthermore, neither th	Steam Boiler Ins 6-25-91 cordance with S warranty, exp	tional B spection and state section I	oard of & Insure that to II of the	Boiler and Pr rance Co. of E the best of m ASME Code. d, concerning	iartford, y knowle By sign the repa	CT have inspectige and belief, ing this certification	cted the this ate,
Date GORDON BO	( ( ) )	6-25-5			missions 21		W	

L Commer	72 W. Adam	alth Edison as, Chicago, IL 60	690					e 12/21/92 et 2 of :	1
Pleasant		Nuclear Power Sta		-			Uni	t <u>1</u>	
	22/10 2000	Ave. North, Cord	OVN, IL 61242						
Wevork Per		Quad Cities Nucle Ave. North, Cord					WR	, Q63261	
		RHR DRYW							
		of Section XI Utili				MARK AND D. VINNESSON	-1-2	Cade Cases N3	/AR
		onents Repaired or					Discouración, C		Millermank
	se of	Name of	Mfrs. Sec.	Nat'l	CRN	Other	Year	Repaired,	ASME Code
Comp	opent	Mfr.	No.	Bd. No.	No.	Identi- fication	Built	Replaced, or Replacement	(Yes or No)
TRAAPISTT	ION RING	N/A	N/A	N/A	N/A	Q 90-01083	N/A	N/A	NO
TRAANSIT	ION RING	N/A	N/A	N/A	N/A	Q 90-00365	N/A	N/A	NO
OFFSE	TRING	N/A	N/A	N/A	N/A	Q 92-00973	N/A	N/A	NO
HAALF CO	DUPLING	N/A	N/A	N/A	N/A	Q 91-02116	N/A	N/A	NO
BAACKIN	G STRIP	N/A	N/A	N/A	N/A	Q 90-81428	N/A	N/A	NO
- A A A A A A A A A A A A A A A A A A A			1						
					***************************************				
	-	SANS BOTH STUDIES CAN STUDIES FOR A STUDIES							
							1		
							1		THE RESERVE OF THE PERSON NAMED IN COLUMN
NATIONAL AND ADDRESS OF THE PARTY OF T		Commission contest to the party of the party	CERTIFI	CATE C	OF COM	IPLIANCE			
igramed		out for	Maint.	Sta	44			6-23	-94
	COWNER OR	OWNERS DESIGNE	NEW YORK CONTRACTOR MEMBERS AND ADDRESS OF	WAY TO MINISTER A LACTOR	PROGRESSION WOMEN SHAWING	TTLE		THE STREET WHEN PARTY AND A STREET	(DATE)
		. (	CERTIFI						
mente 6	ordon E	BOSLIEY S		6-25	-71	Commissions	When the Article of the Control of t	PROVINCE, NATE	ONAL BOARD)

1. Owner Co 72					Date	12/13/89 x 1 of			
2. Plant Qu	ad Citian I	Vandage Barrer Station						Chickenson design	CONTRACTOR OF THE PARTY OF THE
A LOCAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN NAM		Nuclear Power Station Ave. North, Cordova, I	L 61242				Unit		
		Quad Cities Nuclear Sta Ave. North, Cordova, I	TO DESIGNATE OF THE PROPERTY O				WK	Q75022	
-	20 200181	Ave. Notal, Coldove, 1	Le VILCAL						
4. Identification	of System	CONTROL ROD	DRIVE (CRD)	SYSTE	M	THE RESIDENCE OF THE PARTY OF T		The Street Control of the Control of	
		tion Code ASME SE 1971		Edition,		4.4.694		asos 1361-2	4
(b) Applicable	Edition o	of Section XI Utilized for	r Repairs or Re	placemer	sts- 1980	W'80 Add	denda, C	ode Cases N3	06
6. Identification	of Compo	nents Repaired or Repla	ced, and Replac	ement C	omponer	nte			
Name of		Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	ASME Cod
Componen	T.	Mfr.	No.	Bd. No.	No.	Identi- fication	Built	Replaced, or Replacement	(Yes or No
The second secon				110.		A DESCRIPTION OF THE PROPERTY		Kepiscenkin	YES
CONTROL E		GENERAL ELECTRIC	7069	N/A	N/A	N/A	1974	REPLACED	
CONTROL E	OD	GENERAL	557	N/A	N/A	NWR# Q-61822	1000	2127W 4 CW	YES
DALTE		ELECTRIC	337	IN/A	N/A	Q-61077	1968	REPLACE- MENT	
								POTENTIAL STEERING OF THE STEERING OF THE	
	والعادث							- 677	
**************************************						OMESTICAL STREET, STRE			
								15,54	
7. Description of	Work B	REPLACES CRD LIK	E FOR LIKE V	VITH C	RD REE	BUILT UNDE	R NWR	Q-61822	
8. Tests Conducto		drestretic [ ]	Pneumatic [ Test Temp.		No	minal Operation	og Press	are [X] Od	her [ ]
9. Remarks	A BARN BC	DT E MANTEACETTE							
y. PAGEABREELS	AFFLICA	BLE MANUFACTUR	ERS DATA K	EPORT	ON FI	LE AT QCNI	<b>S.</b>		Second Column Co
1		C	ERTIFICATE	OF CO	MPLIA	NCE	A STATE OF THE PERSON NAMED OF	THE RESERVE OF THE PARTY OF THE	-
We certify that t ASME Code.	he statem	ents made in this repor	t are correct as	nd this	REPL	ACEMENT	confo	runs to Section 3	CI of the
Signed	0	1. Fort b	Ma	in 11	5	FZFE		1.2	5-94
- Automotivement	WHER OR C	WHERS DESIGNEE)	The second secon	T	TITLE	21	***************************************	APPER PLEEDY, SPLEASTERN E. KARLESSELL, SALES CHIEFLE	DATE)
		CI	ERTIFICATE (	OF INSP	THE RESIDENCE OF THE PARTY OF T	N		White the same of	DAID)
I, the undersione	d. bolding	a valid commission is	ersed he the Ne	dans 1 10		D-7			
STIME THE DEBTE OF	eministra, em	mpsoyed by Electiond S	team Boiler In	mechana	Ar Imasur	marco Co of E	barottand	CT home bear	and the
Making Rook Control Value V	T DERCEI	Den in this Medget on	6-25-79	and state	that to	the heat of m	v konowii	Hailard home ambre	4hin
neither the inspec	ment has ctor nor h	been constructed in acc is employer makes any	cordance with S	viction X	I of the	ASME Code	By sign	ing this certific	ste,
oestribed in this	meport. F	urthermore, neither th	e Inspector nor	his emi	slover sh	sall he lighte i	m s.mv m	armer for any n	ersonal
my or brobert	y damage	or a loss of any kind !	printing from or	connect	ed with	this inspection	n.		
Date 6/25/94	Gora	lon Bosley Co	ester .		Come	missions I	1971		
		(INSPEC	ros)	The state of the s		dimensional	APPROXIMATION OF THE PARTY NAMED IN	MATERIAL MATERIAL	Bo ann

1. Owner	72 W. Adam	alth Edison ns, Chicago, IL 60690	DI BASEKVERFERIAD					6/3/94 1 of 1	
Plant	Quad Cities	Nuclear Power Statios Avs. North, Cordova,	IL 61242					_1_	
3. Work Pe		Quad Cities Nuclear St Ave. North, Cordova,					WRA	Q16115	
4. Identifica	ation of System	PRESSURE SUP	PRESSION (TO	RUS)	***************************************	BUTCHES OF STREET			and the contract of the contra
		ction Code ASME S			dition	W65		Code Cases N	
(b) Appli	icable Edition	of Section XI Utilized for	or Repairs or Rep	placemen	ts- 1989	NONE Ad	denda,	Code CasesN	ONE
6. Identifica	tion of Comp	onents Repaired or Repl					,		y annual and a second a second a second as
	ne of concent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SPHERIC HEA		N/A	N/A	N/A	N/A	HT# 802W43990 QRJ# Q93- 01107	N/A	REPAIRED	NO
8. Tests Con 9. Remarks	Ař <b>PLI</b> C	Hydrostatic [] Prossure		F. EPORT	S ON F	ILE AT QCNP	S. NO		ST REQUIRE
	ADDRESS ALABAMA			DEPTH OF THE PARTY	-	Communication and the second second second		The Live State of the Live Sta	
We certify a		ments made in this repo	CERTIFICATE ort are correct a	nd this	REF	The second second		rems to Section	
	(CONNER OF	OWNERS DESIGNEE)		CATALOGUE AND	TITLE				(DATE)
REPAI repair or re	te of Illinois, IR descriptacement ha	ing a valid commission employed by Hartford cribed in this Report on as been constructed in a	Steam Boiler In 6-25-91 ccordance with	ational I spection and stat Section	loard of & Inc. e that t	Boiler and Prance Co. of E the best of m	iartford y knowl By sign	, CT have inspected, and belief, ning this certific	this cate,
described is injury or po	neither the inspector nor his employer makes any warranty, edescribed in this Report. Furthermore, neither the Inspector sinjury or property damage or a loss of any kind arising from Loste 6-25-94 Souley. Gorbon Bosley.					shall be liable i	m any m		
Leate 6	25-94	thought that the contract of the party of the same of	THE STREET WHEN PERSON AND A STREET WAS AN ADDRESS OF THE PARTY.	angeoral entropy	_ Con	maissions IL	PERSONAL PROPERTY AND ADDRESS OF THE PERSON.		
		(IMSPE	CTOR)			(STATE	OR PRO	VINCE, NATIONA	AL BOARD)

1. Owner	-	Date 6/3/94 Sheet 1 of 2							
	12 W. A	dams, Chicago, IL 60690	INVESTIGAÇÃO				2000	x 1 of 2	appears.
^ Plant	SECURIOR SPECIAL PROPERTY.	ties Nuclear Power Station 6th Ave. North, Cordova,	W 61343				Unit	1	
	22/10/20	OG AVE. NORS, CORGOVE.	11. 01242						
3. Work P		Quad Cities Nuclear St					WR	Q14404	
	22710 20	6th Ave. North, Cordovs,	IL 61242						
4. Lócatific	estion of Syr	Stem CORE SPRAY ST	UPPORT M-161	0-16					
5. (a) Appl	icable Cons	truction Code USAS B3	1.1 / 1967	F	dition	N/A A	ddenda	Code Cases N	ONE
		on of Section XI Utilized fo						Code Cases N	
6 Identifica	ation of Co.		and and Desire						
Personal Property and Property	me of	mponents Repaired or Repl. Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	ASME Code
1	ponent	Mfr.	No.	Bd.	No.	Identi-	Built	Replaced, or	Stamped
				No.		DRM ORM	-	Replacement	(Yes or No)
	STRUT MBLY	UNKNOWN	N/A	N/A	N/A	Q94-81404	N/A	N/A	NO
PL	ATE	UNKNOWN	N/A	N/A	N/A	QRM 92-02539	N/A	N/A	NO
TUBE	STEEL	UNKNOWN	N/A	N/A	N/A	QRW 93-03568	N/A	N/A	NO
TUBE	STEEL	UNKNOWN	N/A	N/A	N/A	QRI#0 93-00203	N/A	N/A	NO
7. Descripti	ion of Work	MODIFIED EXISTING	G SUPPORT I	HARD	OTTION WARE	of sway st	RUT A	SSEMBLY ANI	)
8. Tests Co	nducted:	Hydrostatic [ ] Pressurepgi	Pneumatic [ Test Temp.	]	F. No	ominal Operation	g Pressu		her [X] T-3
9. Remarks	APPI	JCABLE MANUFACTUI	RERS DATA R	EPORT	ON FI	LE AT QCNP	S.	MATERIAL SAMESTICATION AND SAMESTICATION OF	
	-	TO STATE OF THE PARTY OF THE PA						SAN AND DESCRIPTION OF THE PROPERTY OF THE PARTY OF THE P	
AANSET SESSENAITE HERMONIST SESSENAITE	THE RESIDENCE OF THE PARTY OF T	MODELLE CONTROL A SELF CONTROL VIOLE STORY AND SELECTIVE	CERTIFICATE	OF CO	MPLIA	NCE	MEN STOCKARD RESIDENT THESE	A Security State Service of Contract Assessment	ANY DESCRIPTION OF THE PARTY OF
We certify		tements made in this repo	rt are correct a	nd this	REP	LACEMENT	_ confo	runs to Section 3	KI of the
~ .	0	1511	11	1	0	11		, -	
Signed	(Cruzistra	OR OWNERS DESIGNEE)	Mzin	14	>+3.	-+		THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED IN	2-94
	COMISEN	PROPERTY AND ADDRESS OF PERSONS AND ADDRESS OF PERSONS ASSESSED ASSESSED.	ERTIFICATE (	OF INCE	TITLE	A.S	N YARAMATA MANAGAMA		DATE)
-4-4					A STATE				
I, the under	signed, hol	ding a valid commission is	ssued by the Na	tional B	oard of	Boiler and Pre	essure V	essel Inspectors	
REPLACE!	MENT de	s, employed by Hartford S escribed in this Report on	6.25.94	spection	& insu	rance Co. of H	artford,	CT have imape	cted the
repair or re	placement	has been constructed in ac	cordance with	Section 3	Of of the	ASME Code	By sieve	ing this santific	260
neither the	inspector is	or his employer makes any	y warranty, exp	ressed o	e iemplie	d concerning	the rane	ir or rentaremen	and I
cribed in this Report. Furthermore, neither the Inspector no unjury or property damage or a loss of any kind arising from or					plover s	hall be liable is	B SINT W	anner for any p	ersonal
Date 6		100	bon Boste			missions IL			
E.L	THE REPORT OF THE PARTY OF THE		TOR)		Com	ADDRESS NAME AND ADDRESS OF THE PARTY NAME AND ADDRESS OF THE PART	STREET, SQUARE SHOW SHOW SHOW	INCE, NATIONA	L BOARD)
			NAME AND ADDRESS OF THE OWNER, WHEN	MARKET PROPERTY AND ADDRESS OF THE PARTY NAMED IN	WHITE COLUMN THE PERSON	NUMBER OF STREET	OF STREET, SQUARE, SQU	THE PERSON NAMED IN	ar a

1. Owner		wealth Edison lame, Chicago, IL 60	690					te 6/3/94	2
". Plant		os Nuclear Power Stat 6th Ave. North, Cordo					Un	it	
		Quad Cities Nucles 5th Ave. North, Cordo					W	Q14404	
		ruction Code USAS		methodologic entre and	Name of Street, or other Desires.	N/A Adde	nds Code (	Cassa NONE	
(b) Appla	cable Editio	on of Section XI Utiliz	ed for Repairs	or Repli	ecement.	- 1989 N/A	Addenda, Co	ode Cases NO	NE_
6. Identifica	tion of Con	oponents Repaired or I				mponents			
Nam		Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	No.	Other Identi- fication	Year Built	Replaced, or Replacement	ASME Code Stamped
PLA	TE	N/A	N/A	N/A	N/A	Q 92-02539	N/A	N/A	(Yes or No)
PLA	TE	N/A	N/A	N/A	N/A	Q 94-00807	N/A	N/A	NO NO
EXPAN ANCE		N/A	N/A	N/A	N/A	Q 94-00973	N/A	N/A	NO
PLA	TE	N/A	N/A	N/A	N/A	Q 93-00683	N/A	N/A	NO
AT 100 CO. 10 CO	THE LANGE SHOW STREET,	-						A STATE OF THE PARTY OF THE PAR	-
	*****************		-						
	-								
	The second second second		-	-	-		+		NO. CANADA SE PROPERTO A PROPERTO
-	ON THE PROPERTY AND ADDRESS OF THE								
AND DESCRIPTION OF THE PARTY OF							+		
	WEBSTERN STREET, SERVICE AND	THE RESERVE THE PROPERTY OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED				AND THE STREET, SALES AND THE SALES AND THE STREET, SALES AND THE STREET, SALES AND THE STREET, SALES AND THE SALES AN	+		
j.		A DESCRIPTION OF THE PROPERTY					+-+		
						THE RESERVE THE PARTY OF THE PA	+-+		
						CHICAGO PA COLOR DE LA CASA DEL CASA DE LA C	+		
MARKET MARKET PARK MARKET MARK	PERSONAL PROPERTY IN					The state of the s	+		
THE THE PARTY OF T		ALTERNATION DATE OF THE PARTY O					1	-	THE REAL PROPERTY.
	THE REAL PROPERTY AND ADDRESS OF THE PERSONS ASSESSMENT AND ADDRESS OF THE PERSONS ASSESSMENT AND ADDRESS ASSESSMENT ASSESSME					The special control of		A STATE OF THE STA	-
	-								
		THE RESERVE OF THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED ADDRESS OF THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED AN							
NAME OF TAXABLE PARTY.	THE RESERVE OF THE PARTY OF THE								
TWA MANAGEMENT OF STREET	CONTROL AND COMPANY OF A DESCRIPTION OF					The first later than the second secon	1		
	and particular section of the sectio								
A POTENTIAL PROPERTY AND ADDRESS OF THE ADDRESS OF		A A STATE OF THE S					+		
WAR COLOR OF THE PARTY OF THE P	THE RESERVE STREET, SHOWING		THE RESERVE OF THE PERSON NAMED IN COLUMN 1	-			-		
	THE PARTY OF THE P	TAXABLE SET SET SET SET SET SET SET SET SET SE	CERTIFIC	ATE O	F COM	PLIANCE		1	
Signed		Ford for	Main			-		6-22-9	4
MINISTRA AND PART MADE OF THE PART AND	(OWNER OF	R OWNERS DESIGNEE)			T	TLE		CHICAGO PARTICIPATION OF THE PARTIES.	DATE)
			CERTIFIC	ATE O	FINSP	ECTION	Charles (Spring Contractor)	ACCORDERATE STATEMENT OF THE STATEMENT O	
rate 6-2	5-94	Gordon Bostey	90 to			Commissions	7/97		
**************************************		(INSPECTO	CONTRACTOR OF THE PARTY OF THE		***************************************				
The state of the s	AND DESCRIPTION OF THE PERSON OF	HARTHANDERSON AND REAL PROPERTY OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN	-	MINISTER PROPERTY.	TARREST AND ADDRESS	(	TATE OR P	ROVENCE, NATIO	NAL BOARD)

# FORM NIS-2 OWNERS REPLACEMENT As Required by the Provisions of ASME Code Section XI

1. Owner Commonwe 72. W. Adm	selth Edison nas, Chicago, IL 606	590				De Ske	te 6/3/94	1
	Nuclear Power State Ave. North, Cordo					Un	it <u>1</u>	
3. Work Performed by	Quad Cities Bucles Ave. North, Cordo					WI	Q16083	
Identification of System     (a) Applicable Constru     (b) Applicable Edition     6. Identification of Comp.	of Section XI Utilize	R31.1 / 196 ed for Repairs	or Repla	lition,	N/A Addes	ada, Code ddenda, C	Cases NONE	NE
Name of	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	ASME Cod
Component	Mfr.	No.	Bd. No.	No.	Identi-	Built	Replaced, or	Stamped
SNUBBER	PSA	8773	N/A	N/A	fication N/A	N/A	Replacement	(Yes or No
SNUBBER	PSA	16196	N/A	N/A	N/A	N/A	REPLACED REPLACE- MENT	NO NO
						THE PLANE SHARP WAS ARREST		
Pi	PEPLACED PSA-3  ydrostatic [ ]  ressure psi  ABLE MANUFACT	Presume Test Tes TURERS DA	tic [ ] rip TAREP	F	Nomizal Oper	nting Press	Rare [] Ot	ther [X] VT-3
We cortify that the statem ASME Code.  Signed	cents made in this r	eport are con	rect and	this	REPLACEMEN	T_conf	orms to Section !	
OCCUPATION OF THE PARTY OF THE	OWNERS DESIGNED	Main	4	ALTERNATION PROPERTY.	THE PROPERTY COMMENTS AND ADDRESS OF THE PARTY OF THE PAR	WATER CONTRACTOR	6-22.	THE RESIDENCE OF THE PARTY OF T
The second secon	The Paris Property of the Paris	CERTIFICA	TE OF	FIGURE INCOME TO SHAPE	TLE	THE PROPERTY AND ADDRESS OF THE PARTY AND ADDR		DATE)
I, the undersigned, holding and the State of Illinois, a REFLACEMENT descripair or replacement has acither the inspector nor he described in this Report. Injury or property demands ate 2-25-94 Cor	mpsoyen by marine ibed in this Report been constructed in is employer makes wrthermore, neithe e or a loss of any ki	on issued by the state of the last of the	he Natio her knape Y and with Sec y, express her may be	mal Bookstion & distate (tion XI med or	ard of Boiler and : Insurance Co. of that to the best of of the ASME Co- implied, concerni-	Hartford my knowlede. By sign ng the rep e in any m ino.	l, CT have impe edge and belief, ming this certific	cted the this ate,
The state of the s	CONTRACTOR OF THE PROPERTY OF THE PARTY OF T	PECTOR)		-	4800	SPECIAL PROPERTY SERVICE STATES AND ADMINISTRATION OF	VDACE NATIONAL	( Boarn)

1. Owner	Commonwe 72 W. Adam	alth Edison ns, Chicago, IL 60	690				De Sh	te 5/22/94 pert 1 of	1
Plant		Nuclear Power Sta Ave. North, Cord		MERCHANIC			Un	it 1	-
3. Work Pr	erformed by	Quad Cities Nucleive. North, Cordov	ar Station				WI	Q06173	
5. (a) Appli (b) Appli	icable Construction	ction Code USA of Section XI Utilization Repaired or	S B31.1 / 1967 ned for Repairs	or Repli	fition,	N/A Adde	ada, Code Addeada, C	Cases NONE	NE
	ne of	Name of	Mfrs. Ser.	Nat'l	reflector manufactures consecutively	Other	Year	Repaired.	ASME Code
Comp	coment	Mfr.	No.	Bd. No.	No.	Identi- fication	Built	Replaced, or Replacement	Stamped (Yes or No)
SNUI	BER	PSA	16203	N/A	N/A	N/A	N/A	REPLACED	NO
SNUI	BRER	PSA	30695	N/A	N/A	Q91-01223	N/A	REPLACE- MENT	NO
7. Description 8. Tests Con 9. Remarks	ducted: Hy	ydrostatic [ ] sessure psi ARLE MANUFAC	Passume Test Test TURERS DA	tic [ ] mp	FORTS	Nominal Oper	sting Pres	Raze [ ] O	tkor [X] VT-3/4
We certify the LSME Code	hat the statem	sents made in this	report are con	rect and	this	PLIANCE REPLACEMEN	TT cond	ores to Section	
seg room	(Ownfole ce	OWNERS DESIGNEE	11310	14.		William Co.	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO	6-25-	IN THE REAL PROPERTY AND ADDRESS OF THE PARTY
Microscowicznia czakowa	THE OR !	WARE DESCRIE	CERTIFIC	ATE OF	THE REAL PROPERTY AND PERSONS ASSESSMENT	TILE	atora panoma na manama	MARKET STATE OF THE STATE OF TH	(DATE)
REPLACEM repair or reposither the in leacribed in njury or pro	ENT describencement has aspector nor h this Report. I operty damage	g a valid commiss aployed by Hartf ibed in this Repor been constructed in employer make furthermore, meith or a loss of any h	ord Steam Boil t on <u>6/25/</u> in accordance s may warrant ser the Louwect	ler Insp 94 an with Sec y, expre or nor h	ection d d state ( ction XI med or is exami	t Insurance Co. of that to the best of of the ASME Co implied, concern over shall be lish	of Einrtford my know ode. By sig ing the rep de in any s tion.	d, CT have keeps ledge and belief, ming this certific	ected time , this case,
-	de consideration de la con	THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN	SPECTOK)	-	-		ACCRECATION OF THE PARTY OF THE	PVENCE, NATIONA	I Borns
NAME AND ADDRESS OF THE OWNER, SOME	AND PARTY OF PERSONS ASSESSMENT OF PERSONS ASSESSMENT OF THE PERSONS A	MARKON PARKET AND PARKET PARKE	THE REAL PROPERTY AND ADDRESS OF THE PARTY O	WHEN PERSON AND ADDRESS OF THE PERSON AND AD	-	(31)	THE CAR LANG	THE PARTICIONA	L BOARD)

distriction	ALTERNATION AND ADDRESS OF THE PARTY AND ADDRESS.	realth Edison ums, Chicago, IL 60690						5/6/94 nt 1 of	i
enrealit	THE RESIDENCE IN COLUMN TWO IS NOT THE OWNER.	s Nuclear Power Station th Ave. North, Cordova,	IL 61242				Unit	1	
		Quad Cities Nuclear St th Ave. North, Cordova,					WR	Q16121	
4. Identification	-17-10	and the same of th		-			MATERIAL CONTINUES.		
		n of Section XI Utilized f	NAMES OF THE PROPERTY OF THE P	Edition, placemen				Cases NONE None	and the same of th
6. Identification	n of Com	ponents Repaired or Repl	aced, and Replac	cement C	ompose	ents			
Nazze o Compone	of	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
FLANG	E	N/A	N/A	N/A	N/A	Q93-03276 HT# XUZL	N/A	REPLACE- MENT	NO
BAR-STO THREAD		N/A	N/A	N/A	N/A	Q93-02841 HT# M42030	N/A	REPLACE- MENT	NO
NUT, HEX , E	HEAVY	N/A	N/A	N/A	N/A	Q93-02956 HT# 8068128	N/A	REPLACE- MENT	NO
7. Description of 8. Tests Conduction of 9. Remarks	cted:	INSTALL NEW SOCI PERFORMANCE OF  Hydrostatic [X] Pressure 165 psi  CABLE MANUFACTU	Presumetic [ Test Temp.	] 72 F	Ne	ominal Operation	g Press		bor [ ]
We certify that ASME Code.	the state	mants made in this repo	CERTIFICATE	OF CO		NCE LACEMENT	coafe	rans to Section 1	XI of the
Sigmed (C	DOWNER OF	COWNERS DESIGNEE)	Maint	. 54	TITLE		MANAGEMENT CONTRACT CONTRACT	6-25	-94 (DATE)
I, the undersign and the State of REPLACEMEN repair or replace neither the important ary or proper	and, hold Hitmois, NT dea mement ha ecter nor s Report. rty dams	A STATE OF THE PARTY OF THE PAR	Steam Boiler In 6-25-94 ccordance with to warranty, exp the Inspector no	ational B spection and state Section 1 pressed of this em	ection of the text of the implication of the phoyer seed with	Boiler and Pro- rance Co. of H the best of my a ASME Code. ed, concerning thall be liable is	isetford y knowle By sign the repe a any se	essel Inspectors , CT have inspe edge and belief, ing this certific	octed the this
SHAROLET MANAGEMENT		ONE	TOR)	Transfer Language	Cora	(STATE	ne Decre	THE MATTER	POARS)

MATERIAL MATERIAL PROPERTY OF THE PARTY OF T		As	Required by the	Provisi	one of A	SME Code Section	a XI		
1. Owner	CHURCUROW OLDSWINSLAND HOLDS JABANA	ealth Edison ms, Chicago, IL 60	0690				De Sh	also 6/3/94 asst 1 of	1
2. Plant		Nuclear Power Se					U		
	22710 2066	h Ave. North, Core	lova, IL 61242	A STATE OF THE PARTY OF T					
3. Work Pe	rformed by 22710 2066	Quad Cities Nucle h Ave. North, Core	ear Station lova, IL 61242				W	Q16081	
4. Identifica	ation of Syste	m RHR SYST	EM MECHAN	ICAL S	NUBBE	R			
5. (a) Appli (b) Appli	cable Constru cable Edition	of Section XI Utili	S B31.1 / 1967 and for Repairs	or Repli	lition, scement	N/A Addes	nde, Code addende, C	Cases NONE	NE
6. Identifica	tion of Come	conents Repaired or	Replaced, and	Replacer	nent Co	mponenis			
Nam Comp	e of	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.		Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Cod Stamped
SNUB	THE RESERVE OF THE PARTY OF THE	PSA	8772	N/A	N/A	N/A	N/A	REFLACED	(Yes or No
SNUB	BER	PSA	30694	N/A	N/A	N/A	N/A	REPLACE- MENT	NO
									- ACREANA AND AND AND AND AND AND AND AND AND
									THE REAL PROPERTY AND ADDRESS.
Descriptio	n of Work	REPLACED PSA	3 MECHANIC	CAL SNI	UBBER	LIKE FOR LIK			
8. Tests Cons	ducted: H	ydrostatic [ ]	Posuma	tic [ ]		Nominal Oper		sure [ ] Or	hor [X]
Remarks		ABLE MANUFAC		TA REP	NORTH AND THE	ON ITLE AT QC	NPS.		VI-3
			Canalia	CO COMPAP	2001				
We certify the ASME Code.	ent the states	neuts made in this	CERTIFIC report are corr	bas too	this _	PLIANCE REPLACEMEN	T_ confe	orms to Section 1	II of the
igned	(ONONER OR	OWNERS DESEGNEE	Maint	. 54	MATERIAL PROPERTY.			6-23-	94
COLUMN SECURITION SECURITIONS	online de la constante de la c	CONTRACTOR OF THE PROPERTY AND ADDRESS OF THE PARTY OF TH	CERTIFICA	TE OF	TAICHE	TTE CON	HAMEDOV/ALD HAS INCOME.		DATE)
REPLACEM spair or repl either the im escribed in a	ENT descr accessent has spector nor i his Report. I	ng a valid commiss imployed by Earth ribed in this Reper- been constructed in his employer makes Furthermore, neith e or a lose of any h	ion issued by the ord Steam Bold to 6-28-9 in accordance to any warranty to the Improved	he Nationer Images  / and  with Sec.	mal Boa ction & I state t tion XI and or i	I d of Boiler and l Impurance Co. of but to the best of of the ASME Co- mplied, concernis	Hartford My knowl In. By my ng the rep	, CT have imposed edge and belief, ning this certific	cted the this
A-1 - b-st	han a'l munumagh	don Boshey	some summed tab	MI GE CO		Commissions	ion.		
Market Mark State		THE RESIDENCE OF THE PARTY OF T	SPECTOR)	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	-	(97.4	FR OR En	Property B.T.	

		As As	Required by the	Provisi	One of /	LIFALM US Section	DE XI		
1. Owner		weelth Edison	0690				De Sh	ste <u>5/7/94</u> net <u>1</u> of	No.
2. Plant		es Nuclear Power Sta					Un		-
	22710 200	6th Ave. North, Cord	ova, IL 61242	PARTICINADA DE LA CONTRACTOR DE LA CONTR				anna menanga dalam dan paga dan	-
3. Work Pr	22710 200	Quad Cities Nucle 5th Ave. North, Cord	ovs, IL 61242				W	R/ Q06289	
4. Identific	ation of Sys	HPCI MECH	LANICAL SNO	BBER,	DRAW	TNG# M-328 SH	r. 38		
5. (a) Appl (b) Appl	icable Const bicable Editio	raction Code <u>USA</u> on of Section XI Utili	S B31.1 / 1967 and for Repairs	or Repl	lition, scenent	N/A Adde	nda, Code Addenda, C	Cases NONE	NE
6. Identifica	ation of Com	ponents Repaired or	Replaced, and	Replaces		mponents			
Comp	no of poment	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	No.	Other Identi- fication	Year Built	Replaced, or Replacement	ASME Cor Stamped
THE RESIDENCE PROPERTY AND ADDRESS OF THE PARTY OF THE PA	BBER	PSA	10729	N/A	N/A	N/A	1981	REPLACED	(Yes or No
SNUI	BBER	PSA	4799	N/A	N/A	QRM Q89-01905	1979	REPLACE- MENT	YES
			ATTE CONTRACTOR AND ADDRESS OF THE PARTY.		B71364374484			198 178 178 188 188 188 188 188 188 188 18	A STATE OF THE PARTY OF T
						,			
TO A SECURIAL PROPERTY OF THE PARTY OF	Market Market State Committee								
Description	on of Work	REPLACED PSA-	10 MECHANI	CAL SN	UBBE	R LIKE FOR LI	Œ		
8. Tests Con		Hydrostatic [ ] Pressurepei	Proumer Test Tes		F	Nominal Oper	sting Press	ure [ ] Oc	ber [X]
9. Remarks	APPLI	CABLE MANUFAC	TURERS DAT	A REP		ON FILE AT QC	NPS.	_	VT-3
				THE RESERVE OF THE PERSON NAMED IN	Constitute of succession	THE PERSON NAMED OF THE PE		The same of the sa	
We certify th	rat the state	ments made in this r	CERTIFIC eport are corr	ATE O		PLIANCE REPLACEMEN	T coafe	orms to Section 3	CI of the
oigned	Dr	Forth	Maia	A. 5	54264			6-23	
TO SECURE THE PROPERTY OF THE	(OWNER OR	OWNERS DESIGNEE)			T	TLE		THE RESIDENCE OF THE PERSON NAMED IN STREET, THE PERSON NAMED IN	DATE)
			CERTIFICA						THE REAL PROPERTY AND ADDRESS.
		ng a valid commissis employed by Hartfo ribed in this Report							and the
epair es repi	lacement be	s been constructed to	and the second	minus Belling	SERVINE D	net to the best of	my knowle	odge and belief,	this
escribed in t	this Report.	Furthermore, meithe	or the Tuesday	, expres	ned ex. H	mysed, concerns	ng the repo	nir or replacement namer for any po	Manoera
		pe or a less of any bi	Solar	as or cos	Manufacturing)	with this impact	oa.		
Control of the Contro		THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER. THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	PECTOR)	PARTIE WALL		Commissions 2	CHEMINATURE DESCRIPTION OF THE PERSON OF THE	PROE, NATIONAL	Pours
		The state of the s	THE RESIDENCE PROPERTY.	THE PERSON NAMED IN	WATERSTRANKS INTO SERVICE	SEA.	NO WELL ESTA	MALE, MATERIAL	BOARD)

9. Remarks	APPLICABLE MANUFACTUR UNDER NWR Q83628. ORIGIN	ERS DATA REPORTS VAL VALVE WAS REN	ON FILE AT QCNPS GOVED UNDER NW	R Q89355
We certify t	that the statements made in this repor	ERTIFICATE OF CON	MPLIANCE REPLACEMENT	conforms to Section XI of the
Signed	giston for	Maint. St	sff	6-23-94
M CONTRACTOR OF THE PARTY OF TH	(Owners designed)	ERTIFICATE OF INSP	TOLE	(DATE)

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Illinois, employed by Hartford Steam Boiler Inspection & Insurance Co. of Hartford, CT have inspected the REPLACEMENT described in this Report on 6-28-54 and state that to the hast of my knowledge and belief, this repair ar replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the impactor nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the impactor nor his employer shall be liable in any manner for any personal

injury or property damage or a loss of any kind arising from or connected with this inspection. Date 6-28-94 Gordon Bosley Commissions IL 971 (INSPECTOR) (STATE OF PROVINCE, NATIONAL BOARD)

ORDERS SHARE WAS AND ADDRESS OF THE PERSON O	wealth Edison ams, Chicago, IL 60690	MANUFACTURE .				Det	ALTERNATION OF THE PARTY OF THE	
AND DESCRIPTION OF THE PARTY OF	Sales California (California California Cali	MINISTERNA N				She	et 1 of	2
	as Nuclear Power Station		2			Und	1	
22/10 208	ida Ave. North, Cordova, I	L 61242					The second secon	
3. Work Performed by	Quad Cities Nuclear Sta	tion				W/B	/ Q83260	
	th Ave. North, Cordova, I					***	CHARLES THE PROPERTY OF THE PARTY OF THE PAR	
4. Identification of Syst	RBCCW PENETR	A TYON W 41 1	DOT T O	TENC.				
						-		
5. (a) Applicable Const	ruction Code _ASME SE	CT. III, '80	Edition,	S '82		Code C	Cases NONE	
(b) Applicable Editio	m of Section XI Utilized for	r Repairs or Re	placeme	nte- 198	Addends,	Code C	Same NONE	-
6. Identification of Com	ponente Repaired or Repla	ced, and Replac	perment C	ORDODORA	mba			
Name of	Name of	Mfrs. Sec.	Nat'l	CRN	Other	Year	Repaired.	ASME Code
Component	Mfr.	. No.	Bd.	No.	Identi-	Buik	Replaced, or	Stemped
		-	No.		fication	-	Replacement	(Yes or No)
RELLOWS	PATHWAY	N/A	N/A	N/A	N/A	N/A	REPLACED	NO
FAIR-TIME MANY 7 CASAS	and a second	P/N 88510			MRR# 504-	1		-
INNER BELLOWS	METAL BELLOWS	S/N 001	N/A	N/A	94	N/A	REPLACE- MENT	NO
THREADED PLUG		A THE REAL PROPERTY OF THE PARTY OF THE PART			593085	,	DAKE A L	Observation was a series
16 UNC	N/A	N/A	N/A	N/A	XX 126	N/A	N/A	NO
	HARDWARE AND BO	Preumstic [ Test Temp.	] P	No	enclosure	(BTE).	are [ ] Oc	ther [X]
- Control of Control o		ERTIFICATE	08.00	LOW TA	5.7.67mm		THE RESIDENCE OF THE PARTY OF T	
We certify that the state ASME Code.	sments made in this report	are correct as	nd this		LACEMENT	_ comfo	runs to Section )	I of the
Signed	1 Tond 1	Mai	ut:	5 + 4	+		7-1-	94
(Owner of	POWNERS DESIGNEE)	AND DESCRIPTION OF THE PARTY OF	TO THE REAL PROPERTY.	Trns		CONTROL PROPERTY	THE RESERVE OF THE PARTY OF THE	DATE)
	CE	RTIFICATE (	NSP	ECTIO	N		The same of the sa	The second second
	ing a valid commission is employed by Hartford St cribed in this Report on							
- "representati tamo la tuga recenta accidinazione, mane	SEL EDUCATION CARRESTON LANGUAGE MAD MANAGEMENT	PARTYPOR ROUTING MINISTER &	Charles on the Tal	T -F AB -	A 670 MIND AT A	-	and the same of th	
STATE STATE STATE STATES	RAME THERESENSET VINET BEST MELTINE RESERVE	WATER PRINCIPLE AND ADDRESS.	manage and an	Transmitte		48.		
management authorities were provided terribilitable pro	Furthermore, meither the ge or a loss of any kind a	F FERGESTMENT REVENUE	Street Automore	de manage			namer for any p	tersonal
Page 7-11-94	1(1) 1 19	Boshey						
Management of the Park of the	(INSPECT	PERSONAL PROPERTY AND PERSONS ASSESSED.	-	_ Com	mbelons 19	171		
The allegation "Special annual conference and conference and	(TLALEST )	CONT.			(STATE	DE PROVI	THE PARTY AND A PERSON AND A PE	Pla . mm

1. Owner	Common	rwealth Edison				AND STREET	WRA	O07842
z. Owne		dams, Chicago, II. 60690		Dute Sheet	7/29/94 1 of 1			
? Plant	Quad Ch	ties Nuclear Power Statio		Unit			Cam W.4	
	22710 20	6th Ave. North, Cordova,	IL 61242		Rap		Com Ed tion P.O. No., Job No., stc	The state of the s
3. Work Per	22710 200	Quad Cities Nuclear S 6th Ave. North, Cordova,	Station IL 61242	Authori	ode Symbol St zation No. ion Date	amp	N/A N/A N/A	
4. Identificat	tion of Syst	MAIN STEAM						
5. (a) Applica (b) Applica	ble Constru ble Edition	of Section XI Utilized for	CT. III	Edition	1965	Adde:	nda\$ 66_ Code Case	NONE
		onents Repaired or Replac						
Name		Name of	Mfrs. Ser.	Nat'l	Other	Year	Repaired	
Солиро		Mfr.	No.	Bd. No.	Identi- fication	Built	Replacement	ASME Code Stamped (Yes or
STEAM S	AFETY	CONSOLIDATED	BK-4306	N/A	N/A	N/A	REPLACED	No) YES
STEAM SA		CONSOLIDATED	BK-7167	N/A	. WR# Q98930	NVA	REPLACEMENT	YES
Description o	cted: Hydr		M SAFETY 1- amatic [ ] 5 pa	Nominal	Operating Pre		1_	
*sts Conduc	cted: Hydr Othe	rostatic [ ] Pnes	matic [ ]	Nominal Test	Operating Pro	ssure [	1 9	
Remarks As	Other	rostatic [ ] Pnea rr [X] Pressure 100 code Data Reports are on	mastic [ ] 5 pa file at Ouad C	Nominal Test	Operating Pre Temp. 197  BE Power Stat	ion. Syst	1 9	
Remarks Andrews Country that the	Other Desirable Constitution of the Cons	rostatic [ ] Pnear Pnear Pnear [ X ] Pressure 100  Code Data Reports are on CE made in this report are correct	file at Ouad C	Nominal Test ther Nucles F COMPI REPLACE or or replacement	Operating Pre Temp. 197  RF Power State  LIANCE  MENT of	ion. Syst	op em Leakare Test	
Remarks As	Other	rostatic [ ] Pnear	file at Ouad Ci	Nominal Test Test Chen Nacles F COMPI REPLACE F Toploses R50 App 1	Operating Pre Temp. 197 BE Power State LIANCE MENT of	ion. Syst	op em Leakare Test	
Remarks As	Other	rostatic [ ] Pnear	file at Ouad Ci	Nominal Test Test Cles Nacles F COMPI REPLACE F Toplocom R50 App 1	Operating Pre Temp. 197 By Power Stat LIANCE MENT of Expiration Date	ssure [	op em Leakare Test	, Section XI
Remarks As	Other	rostatic [] Pnear Pnear [X] Pressure 100  code Data Reports are on CR made in this report are correct pnear PNA.  No	file at Ouad Ci  RTIFICATE On and this report ComEd 10CF	Nominal Test Test Cles Nacles F COMPI REPLACE F REPLACE	Operating Pre Temp. 197  RE Power Stat  LIANCE MENT of  Expiration Date  Date	ion. System	the roles of ASME Code,	, Section XI
Remarks As  Ve certify that the  Type of Code Sy  ertificate of Au  gned  he undersigned	otted: Hydrothe Other Extraordina was an own who holding a was holding a war own or holding a	rostatic [] Pnear Pnear Pnear Pnear [X] Pressure 100  Code Data Reports are on CR made in this report are correct pnear	file at Ouad Ci  RTIFICATE O  and this  Comed 10CF	Nominal Test  Test  Compi REFLACE FOR STOPPIONE RS0 App I	Operating Pre Temp. 197 REFERENCE State LIANCE MENT of Expiration Date Date RSPECTION	Man Syri	the roles of ASME Code,  N/A  8-24  19 9	Section XI
Remarks As  Ve certify that the  Type of Code Sy  ertificate of Au  gned  the undersigned, the State of	cted: Hydrothe Cottee Statements symbol Stam thorization owner acom holding a va	rostatic [] Pnear	file at Ouad C)  RTIFICATE Of and this report  Commed 10 CF  VA  R. Ford Main  CATE OF INSI  National Board of Seam Roller Land	Nominal Test  ther Nucles  F COMPT  REPLACE F STATE  STATE  EEVICE I	Operating Pre Temp. 197 RE Power State LIANCE MENT of Expiration Date Date RSPECTION Pressure Venue REFERENCE Co.	ion. Syri	THE LEAKAGE TEST  THE LEAKAGE TEST  THE TOLER OF ASIME Code.  N/A  8-24 19 9	Section XI
Ne certify that the Type of Code Sylertificate of Augned  the undernigned, the State of mponents describilist, the owner has ME Code, Section signing this certificate certificate of the owner has the code, Section signing this certificate certifi	cted: Hydrothe Other Epilicable Comments  ymbol Stam thorization comments  holding a va Illinois and in this Comments  and in this Comments  and XI ifficate periformed	rostatic [] Pnear rostatic [] Pnear [X] Pressure 100  code Data Reports are on CR  made in this report are correct  p R/A  No	file at Ouad Ci  RTIFICATE OF A R. Ford Main  CATE OF INSI  National Board of Main Reflect Land 12-15- active measures of	Nominal Test Test Cles Nacles OF COMPI REPLACE REPLACE France RSO App I EXVICE I	Operating Pre Temp. 197  RE Power Stat  LIANCE MENT of  Expiration Date  Capitation Date  NSPECTION  Pressure Vents  REFERENCE Co.  2-24-94 , a  this Owner's Re	ion. Systematories to the state of Histories to port in ac	the rules of ASME Code,  N/A  8-24  19 9  Continued the best of my known continues the requirements	Section XI
Remarks As  Ve certify that the  Type of Code Sy  ertificate of Au  gned  the undersigned, the owner ha  ME Code, Section  signing this certi-  ssures described	cted: Hydrothe Other Epilicable Construction of the Construction of the Construction of the Construction XI. ifficute, meith in this Own	rostatic [] Pnear rostatic [] Pnear [X] Pressure 100  Code Data Reports are on CR  made in this report are correct  p	file at Owad C  RTIFICATE O  RATIFICATE O  R	Nominal Test Test Property Property REPLACE Framework R50 App I	Operating Pre Temp. 197  RE Power Stat  LIANCE MENT of  Expiration Date  Capitation Date  NSPECTION  Pressure Vents  REFERENCE Co.  2-24-94 , a  this Owner's Re	ion. Systematories to the state of Histories to port in ac	the rules of ASME Code,  N/A  8-24  19 9  Continued the best of my known continues the requirements	Section XI
Remarks As  Ve certify that the  Type of Code Sy  ertificate of Au  gned  the undersigned, the State of  mponents describ- ief, the owner ha  ME Code, Section signing this certi- assures described	cted: Hydrothe Other Epilicable Construction of the Construction of the Construction of the Construction XI. ifficute, meith in this Own	rostatic [] Phenome 100  code Data Reports are on CE  made in this report are correct  p	file at Owad C  RTIFICATE O  RATIFICATE O  R	Nominal Test Test Test Test Test Test Test Test	Operating Pre Temp. 197  RE Power Stat  LIANCE MENT of  Expiration Date  Capitation Date  NSPECTION  Pressure Vents  REFERENCE Co.  2-24-94 , a  this Owner's Re	ion. Systematories to the state of Histories to port in ac	the rules of ASME Code,  N/A  8-24  19 9  Continued the best of my known continues the requirements	Section XI

1. Owner	Commonwer 72 W. Adam	alth Edison s, Chicago, II. 6069		Date Sheet Unit	7/29/54 1 of 2		WR# C	15198
2.Plant		Naclear Power Stati		-	*		om E4	
	22710 206th	Ave. North, Cordov	a, IL 61242		Rapas	Organizati	on P.O. No., Jeb No., etc.	
3. Work Po		Quad Cities Nuclear Ave. North, Cordovi		Authori	ode Symbol Star zation No. ion Date	1	N/A N/A N/A	
	ation of System							
		on Code <u>USAS B3</u> Section XI Utilized for		AMERICAN TO THE PARTY OF THE PA	N/A 1989	Adden	da. NONE Code C	asc_NONE
6. Identificat	ion of Compon	ents Repaired or Repl	aced, and Replace	ment Com	ponents			
	ne of ponent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE	1-2301-4	CRANE	N/A	N/A	N/A	N/A	REPLACED	NO
VALVE	WEDGE	CRANE	C3849	N/A	QRM Q94- 01595	N/A	REPLACEMENT	NO
We certify the	the statements n	nade in this report are or	CERTIFICATE percet and this	OF COM	PLIANCE MENT confor	ms to the	rvies of ASME Code, Se	action XI.
		·						and a succession
Certificate of	Auth_rization	No.	N/A		_Expiration Dat	te	N/A	-
Signed	Organic es Owns	or's Duangacos, Tella	J.R. Ford Ma	int Staff	_Date		19 9	74
		CERT	TIFICATE OF IN	SERVICI	INSPECTION	4		
end the State of components de belief, the own ASME Code, 5 By signing this measures descri-	Minets a scribed in this O ar has performed lection XI. certificate, Leit ribed in this Own	wher's Report during the examinations and taken her the inspector nor his	ord Steam Boller L  se period 3./9  a corrective measure employer makes an  e, neither the Inspec	-94 to s described y warranty, dor nor his	D = 34-74 . in this Owner's F	of] send state teport in	tors  in reford, CT have imper that to the best of my kee accordance the requirement erning the examinations a any manner for any person	owledge and ats of the
Ford	on Bosk		_Commissions					
Inspects	sen Regustrate	J	CAMBINATORS	Platowed Bene	ed, State, Paredress, and Bu-	Americani		-
Date 4	curus	24 19 94						

CONTRACTOR DESCRIPTION OF THE PARTY OF THE P	STATEMENT PROPERTY OF THE PARTY	AND DESCRIPTION OF THE PARTY OF	minimum of the second second	SOUTH OR PE	MATE CODE 990	DOMENIA		Secretary in contrast and a secretary
1. Owner 2.Plant	Quad Cities I	Chicago, IL 6069	ion	Date Sheet Unit	7/29/94 2 of 2	NAME OF TAXABLE PARTY.	en E4	Q15198
	22/10 300th /	ive. North, Cordon	a, IL 61242		Rap	nir Organization	P.O. No., Job No., etc.	
	22710 206th A	uad Cities Nuclea ive. North, Cordov	a, IL 61242	Authori	ode Symbol St zation No. ion Date	amp N	<b>(A</b>	
4. Identifica	ation of System	HPCI, MAINST	TEAM SUPPLY					
5. (a) Applic (b) Applic	able Construction able Edition of S	a Code USAS B: ection XI Utilized f	01.1 / 1967 or Repairs or Repl	Edition,	N/A 1989.	Addend	NONE Code	Case_NO?
5. Identificat	ion of Componer	nts Repaired or Repl	aced, and Replace	ment Com	ponents Contin	nued		
	ne of conent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd.	Other Identi-	Year Built	Repaired, Replaced or	ASME

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampo (Yes or No)
STEM	CRANE	C3624	N/A	QRI# Q94- 00219	N/A	REPLACEMENT	NO
GUIDE, DISC	CRANE	C3909	N/A	QRI# Q94- 01591	N/A	REPLACEMENT	NO
		MAN					
	THE RESIDENCE AND ADDRESS OF THE PERSON OF T	Commence of the Commence of th					
			1.00 mm (1.00 mm)				
							Managara Managara a Sana
			White the second se				
							The Sales of the S
	THE PARTY NAMED AND ADDRESS OF THE PARTY NAMED PARTY.		MANAGEMENT OF THE PARTY OF THE				

1. Owner		realth Edison nms, Chicago, IL 60690		Shoe	7/24/94 of 1		WRS	O10125
2.Plant	Quad Citi	es Nuclear Power Station	hart for	Umit				
		th Ave. North, Cordova,			Ree		P.O. No., Job No., etc.	NA ATTERNATION NA
				Thomas Com				
3. Work Pe		Quad Cities Nuclear S th Ave. North, Cordova,			me Symbol Sta ration No. nn Date	amp N N	Δ	
	ation of Syste	m RHR ROOM COO		Edition.	N7/4			
(b) Applic	able Edition	of Section XI Utilized for 1	Repairs or Repl		N/A	Aaaena	NONE Code	Case, NON
6. Identificati	ion of Compo	oncuts Repaired or Replace	ed, and Replace	теля Сопро	ments			
Comp	ne of conent	Name of Mfr.	Mfrs. Ser. No.	Nat! Bd. No.	Other Identi- fication	Year Built	Replaced, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1-5746A COO		AEROFIN CORP.	N/A	N/A ;	NA	N/A	REPAIRED	NO
	Othe		umatic [ ] 30 psi	Test Tenn	Operating Pro	°F	1	
e certify that		made in this report are corre	RTIFICATE	OF COMPLI REPAIR FRSO APO E	LIANCE CONFORMS to	o the rules o	( ASIME Code, Section	a XI.
	0	and the second	D/A	A CONTRACTOR OF THE PARTY OF TH	Expiration Da	te	N/A	munimization and the second
gned	Owners of Ow	ear's Dongare, Take	I.R. Ford Main	nt Staff	Date		9-19 19	74
THE SECTION OF LINES SHOULD BE SECTION OF THE SECTION OF	The tree time and the second second second	CERTIFI	CATE OF IN	SERVICE I	INSPECTION	4		
mponents desc lief, the owner IME Code, Sec signing this or	ribed in this ( r has performer ction XI. ertificate, neit	alid commission issued by the and employed by <u>Hartford</u> : Dwner's Report during the pe deceminations and taken cor ther the inspector way his cour	Steam Boller In riod <u>7-23</u> rective measures	described or n	this Owner's R	and state th	fferd. CT have inspe at to the best of my kn ordance the requireme	
amount on strengt the	WAR WITH CAMI	y kind arizing from or counex	citizer the inspect	or sor his econo pectice. 72 97	upicyer shall be	liable in any	zaatsaer for any perso	

		raith Edison ns, Chicago, IL 6069		Date Sheet	8/15/94 1 of 2		WR#	016406
2.Pism	Quad Cities	Nuclear Power Stati	om	Unit	1		CompRd	
	22710 206th	Ave. North, Cordon	4, IL 61242		Repe		tion P.O. No., Jeb No., stc.	PRITODOCHIANO*
3. Work Pe	aformed by 22710 206th	Quad Cities Nuclear Ave. North, Cordovs	Station , IL 61242	Author	ode Symbol Sta ization No. ion Date		N/A N/A N/A	
4. Identifica	stion of System	RHR						
(b) Applic	able Edition of	on Code USAS E3 Section XI Utilized for	r Repairs or Repl	acements-		Addex	nds_NONE_Code (	Dasc NON
Promoterna and the same of the	AND DESCRIPTION OF THE PARTY OF	ents Repaired or Repla	ced, and Replace	ment Comp	ponents			
Comp	ne of coneat	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identi- fication	Year Built	Replaced, or Replacement	ASME Code Stamped (Yes or No)
BO		SX# 736A76	NA	N/A	QRW Z91- 02085	N/A	REPLACEMENT	NO
BO	LT	SI#796D84	N/A	N/A	QRM 294- 90453	N/A	REPLACEMENT	NO
					Test Temp	THE REAL PROPERTY.	T	
THE RESERVE OF THE PARTY OF THE		de Data Reports are o	PPTTPICATE (	ities Nucle	ar Power Stat	THE REAL PROPERTY.		and the second second second second
We certify that t	the statements m	ade in this report are con	PPTTPICATE (	ities Nucle	Ar Power Stat	ice.	the rules of ASME Code	, Section XI
We certify that t		ade in this report are con	PPTTPICATE (	OF COMP	LIANCE MENT	nforms to		, Section XI
Ve certify that t	the statements m	ade in this report are cor	ERTIFICATE (	OF COMP REPLACE or replace TRSO App	LIANCE MENT	anforms to		s, Section XI
We certify that to Type of Code Certificate of A	the statements m	ade in this report are cor	ERTIFICATE ( rect and this	OF COMP REPLACE or replace TRSO App	LIANCE MENT of B. O A Propri	anforms to	the rules of ASME Code	
We certify that to Type of Code Certificate of A	the statements m	No.  To Designou, Title	TERTIFICATE ( rect and this	OF COMPREPLACE OF STORY OF STO	LIANCE MENT of B. O A Propri Expiration Date	nfems to	the rules of ASME Code	
We certify that to Type of Code Certificate of A Signed  the undersigner and the State of components described, the owner	the statements m  Symbol Stamp  Authorization A  Owise or Owese  d, holding a valid  Illinois an  ribed in this Ow  has performed e	No.  CERTI d commission issued by the employed by Hartfern	PICATE OF INS	OF COMPREPLACE TRSO App  L Staff  ERVICE of Boiler an pection &	LIANCE MENT   B. OA Progra  Expiration Date  Date  INSPECTION  d Pressure Vesses  Inserance Ca.	ion.  Inspects of H	N/A  9-20 19 9  Stifford, CI have inspect	4 ded the
We certify that to Type of Code Certificate of A Signed  the undersigner and the State of components describe the Code, Sec by signing this ce acasures describe	the statements in  Symbol Stamp  Authorization N  Owner or Owner  d, holding a validation of this Owner  that performed exion XI  ertificate, neither  ed in this Owner	d commission issued by the commissions and taken on the inspector nor his er's Report, Furthermore.	PRTIFICATE ( rect and this I may A - ComEd 10CI  N/A  J. R. Ford Main  FICATE OF INS the National Board Steam Bofler Ins period p	DF COMPREPLACE OF COMPREPLACE OF SO APP  L Staff  ERVICE of Boiler and pection & J  y  described in westently, ex	LIANCE MENT of B. OA Propri Expiration Date Date INSPECTION d Pressure Vesses Insurance Ca. 9-20-99, a this Owner's Re-	Inspects of H	N/A 9-20 19 9	sed the whedge and to of the
We certify that to Type of Code Certificate of A Signed  the undersigned the State of components described, the owner SIME Code, Secretaring this ce against this ce against this ce	the statements in  Symbol Stamp  Authorization N  Owner or Owner  d, holding a validation of this Owner  that performed exion XI  ertificate, neither  ed in this Owner	d commission issued by the commissions and taken on the inspector per his extensions and taken on the inspector per his extensions.	PRTIFICATE ( rect and this I may A - ComEd 10CI  N/A  J. R. Ford Main  FICATE OF INS the National Board Steam Bofler Ins period p	TERVICE  of Boiler an pection & jet to described in section.	LIANCE MENT of	Inspects of H	N/A  9-20 19 9  Brifford, CT have inspect that to the best of my know coordance the requirement	sed the whedge and to of the

1. Owner	Commonwe 72 W. Adam	alth Edison as, Chicago, IL 6069	0	Date Sheet	8/15/94 2 of 2		WRAS	D16406
Plant		Nuclear Power Stati Ave. North, Cordov		Unit	1 Rapo		ComRd tien P.O. No., Job No., sic	Management of the Control of the Con
3. Work Per		Quad Cities Nuclear Ave. North, Cordova		Authori	ode Symbol Sta zation No. ion Date		N/N N/A N/A	
(b) Applica	ble Edition of	on Code USAS B3 Section XI Utilized for	r Repairs or Repl		N/A 1989.	_Adder	ids. NONE Code (	ase, NONE
		ma supracula to repre	sced, and Replace	ment Comp	conents Contim	sed		
Compo	onent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identi- fication	Year Built	Replaced, or Replacement	ASME Code Stamped (Yes or
	onent	Name of	Mfrs. Ser.	Nat'l Bd.	Other Identi-	Year	Replaced, or	Code Stamped
Compo	onent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identi- fication	Year Built	Replacement	Code Stamped (Yes or No)

ANI/ANII REVIEW

1. Owner		wealth Edison		Date	7/28/94		WR#	007844
	72 W. A.6	ams, Chicaga. II. 60690		Sheet	1 of 1			
2.Plant	Quad Clt	ies Nuclear Power Station		Unit	1		CW-4	
		ith Ave North Cordova,			Logo		Come E.d.	Dental State Company
				Type Co	de Symbol St		N/A	
3. Work Per	rformed by 22710 206	Quad Cities: Nuclear S th Ave. North Cordova,	tation	Authoriz	ration No.		N/A	
			41242	reforman	CAL LARGE		N/A	
4. Identifica	ution of Syste	MAIN STIEAM						
5. (a) Applica	able Constru	ction Code TUSAS B31.	1 / 1965	Edition				
(b) Applica	able Edition	of Section XI Utilized for	Repairs or Repl	acements- 1	989	Addes	de NONE Code	DOC_NONE
		onents Repairent or Replace		_				
Nam	ne of	Names of	Mfrs. Ser.	Nat'l	-	T	production and the second	
Comp	onent	Mit-	No.	Bd.	Other Identi-	Year Built	Repaired, Replaced, or	ASME
1				No.	fication	A.Picada	Replacement	Code Stamped
		24.1.7.7. A*. :-	-: #5FA		Applied Total			(Yes or
RELIEF		CONSOLIDATED	BK7150	N/A	N/A	N/A	-	No)
RELIEF	VALVE	CONSOLEDATED	BK 7163	N/A	NWR#	N/A	REPLACED REPLACEMENT	YES
-			***************************************		Q98929	1022	A PERSONAL AND A TRACK AND ADDRESS A	YES
Ve certify that the ection XI.  Type of Code !		made in this remport are corre	rap	REPLACE	MENT		ms to the rules of ASME	Code,
ertificate of A	uthorization		N/A				A STATE OF THE STA	-
	0.	The second secon	VA	L	Expiration Date	E	N/A	NA SAMPURANO.
igned	Ormely or Ora	THE 'S DESILEMENT, LLANCE	R Ford Mair	L Staff	Date		9-19 199	_
MAAAAAA AAAAAAAA AAAAAAA AAAAAAA		CERTIFI	CATE OF INS	TDUICE I	VERTON			
mponents described, the owner is ME Code, Sent signing this censures described	ribed in this ( has performed tion XI. rtificate, neit ed in this Own a loss of an	alid commissions issued by the said employed by Hartford Sowner's Report during the perfect the inspectator nor his employer's Report Franthermore, no y kind arising inven or connect.	National Board Steam Boiler Ins riod (2-/5- rective measures sloyer makes any ither the inspects ted with this insp	of Boiler and pection & I  93 to 5 described in warranty, exp r nor his exp ection.	Pressure Vessel SEFFRECE Co.	el inspecto of <u>H</u> and state t eport in ac ied, conce liable in ac	artford, CT have inspect that to the best of my know coordance the requirement	viedge and is of the

1. Owner	Commonwe 72 W. Adam	ealth Edison ns, Chicago, IL 6069	10	Date Sheet	7/5/54 1 of 2		W	/R# <u>O09211</u>
2.Plant		Nuclear Power Stat	and the same of th	Unit	1		ComEd	
	22710 206th	Ave. North, Cordov	a, IL 61242		Ray	sair Organiza	tion P.O. No., Job No., etc.	STREET, STREET
3. Work Pe	rformed by 22710 206th	Quad Cities Nuclear Ave. North, Cordov	r Station n, IL 61242	Author	ode Symbol St zation No. ion Date		N/A N/A N/A	
4. Identifica	ation of System	RER SERVICE	WATER					
5. (a) Applica (b) Applica	able Constructi	on Code USAS B3 Section XI Utilized for	1.1 / 1967	_Edition,	N/A	Adde	nda NONE Code	Case NONI
		ents Repaired or Repli						
-	Col Miles Parent or Colonia Co	A STATE OF THE PARTY OF THE PAR		The Contract of the Contract o				
Comp	ne of conent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd.	Other Identi-	Year Built	Repaired, Replaced, or	ASME Code
				No.	fication		Replacement	Stamped (Yes or
VALVE, R 1001-		CRANE	N/A	N/A	N/A	N/A	REPAIRED	No) NO
NU	T	SI# 796D01	HT# 34394013	N/A	QRI# Q94- 01078	N/A	REPLACEMENT	NO
9. Remarks	applicable Cod	le Data Reports are	on file at Ouad C		Temp			
We certify that t	the statements m	ade in this report are con	CERTIFICATE C			o the rules	of ASME Code, Section	V
			A - ComEd 10CF	on an xabanoon	Market.		on Asiate Code, Section	λι.
Certificate of A	Authorization N		N/A		Expiration Da		N/A	Minimal Autocolouses
Signed	815	ond	J. R. Ford Main			-	-25 19 9	4
	0							
		CERTI	FICATE OF INS	ERVICE	INSPECTION	4		
, the undersigned	d, holding a valid	commission issued by	the National Board	of Boiler an	d Pressure Vess	ei Inspect	an .	
	CONTRACT AND DROUGH FATOUR	DESIGN OF PROJECTION & CAUSE STATE STATE	THEFT IN A SECOND	*** But	Suff on FT FD a Sul ST		ertford, CT have inspect that to the best of my known	
SME Code, Sec	tion XI.	COLUMN TOWN THE PROPERTY C	SELECTIAE INCUSPILES	Described in	this Owner's R	Leport in a	ocordance the requirement	ts of the
months and demands the	ON WE STATE OF MANY	S PLEINET LANDESTINGE	neither the inspects	r nor his en	pressed or impl ployer shall be	lied, conce liable in a	rning the examinations as my manner for any person	ad corrective
And Don	Ban Para	THE STREET STREET OF COMM	ected with this insp	ection.				,-,
brospastion 8	Ignature )		Countriesions	Meticoul Bound,	Mate, Paprince, and Red	lomenesis		-
MIC .		19 57						

1. Owner	Commonwe 72 W. Adan	alth Edison 28, Chicago, IL 6069	0	Date	7/9/94 2 of 2			WR# <u>Q09211</u>
Plant		Nuclear Power State Ave. North, Cordov		Unit	Repei		Com Ed	MACRIMINATE SERVICE
Work Per     Identifica		Quad Cities Nuclear Ave. North, Cordov	ь, П. 61242	Author	ode Symbol Star ization No. ion Date		N/N N/A N/A	
(a) Applica (b) Applica	able Constructi	on Code USAS B3 Section XI Utilized for	1.1 / 1967 or Repairs or Repli		1989.		nda_NONE_Code	Case NONE
. Identificati	on of Compone	ents Repaired or Repla	sced, and Replaces	ment Comp	ponents Continu	ed		
Nam	onent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
ROD, THE	READED	SI# 812H66	TECH EVAL - TE-94-0736	N/A	QRI# M94- 01698	N/A	REPLACEMENT	NO
							Comment of the second s	
							The second secon	
				·				
			***************************************					
						-		

B 4/22/94

		alth Edison u, Chicago, IL 606	***	Date	7/20/94		WR#	201207
	14 W. Philadia	a, Chacago, IL eve:	90	Sheet	1 of 2			
2.Pism	Quad Cities	Nuclear Power Star	tion	Onn		C	em Ed	
		Ave. North, Cordon			Rapa		e P.O. No., Jeb No., etc.	MARKET SERVICE
				Type C	ode Symbol Sta		<b>/A</b>	
3. Work Peri		Quad Cities Nucles	r Station		zation No.	P 6040	ZA.	
	22710 206th	Ave. North, Cordon	n, IL 61242	Expirat	ion Date		<u>/A</u>	
	tion of System	REACTOR WA	ATER CLEANUP	SYSTEM		Addend	a_NONE_Code	C. Var
(b) Applical	ble Edition of	Section XI Utilized f	or Repairs or Repl	acements-	1989.	TENDO TO THE PARTY OF PARTY	A NONE COOP	Case, NONI
		nts Repaired or Repl						
Name		Name of	Mfrs. Ser.	Nat'l	Other	Year	Repaired	ASME
Compo	ment	Mfr.	No.	Bd.	Idensi-	Built	Replaced, or	Code
				No.	fication		Replacement	Stamped
				I-T-CY				(Yes or
DECON F	LANGE	UNKNOWN	N/A	N/A	Q01Z0202	N/A	REPAIRD	No) NO
				_	B-28-P20-			
Section XI		ade in this report are or		REPLACI	EMENT		us to the rules of ASME	Code,
Type of Code S	,	THE RESERVE AND ADDRESS OF THE PARTY OF THE	In-Comed Inc.	GUA VEAL	B. U A Progr	RID		
Type of Code S				TO A STATE OF THE	Horacom Revolution Comments Made Name	THE RESERVE OF THE PERSON NAMED IN		OKANISA TANIMANANA.
Type of Code S Certificate of A	unthorization N		N/A		Expiration Dat		N/A	MANAGE AND ASSESSMENT OF THE PARTY OF THE PA
	Owner of Owner		N/A  J. R. Ford Main	The same the same and the same	Expiration Dat			4
: Certificate of A	Owner of Owner	Ford	J. R. Ford Main	nt Staff	Expiration Dat Date INSPECTION	9-2	2 19 9	4

Date

Unit

Sheet

7/20/94

2 of 2

Type Code Symbol Stamp

ComEd

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

N/N

1. Owner

2.Plant

Commonwealth Edison

72 W. Adams, Chicago, IL 60690

Quad Cities Nuclear Power Station

22710 206th Avc. North, Cordova, IL 61242

	Quad Cities Nuclear h Ave. North, Cordov		Authoriz Expiration	ation No. m Date		N/A N/A	
Identification of System	REACTOR WA	TER CLEANUP					
Applicable Construct     Applicable Edition of	tion Code USAS B3	11.1 / 1967	Edition	N/A	Adden	da, NONE Code C	ase, NON
lentification of Compo			_		ued		
Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
BOLTING	N/A	N/A	N/A	N/A	N/A	REPLACEMENT	NO
	THE STATE OF THE S						
					-		-
							-
							AND DESCRIPTION OF THE PERSONS ASSESSMENT
	THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAME			of address of management management and address of			
-		-			-		CONTRACTOR OF STREET
	AND THE RESIDENCE OF THE PERSONNEL WAS ASSESSED.				+		
	That was VIP administrative and a second substitution about a second			A Later and the second section of the second	1	CONTRACTOR MCMPACTOR CANADA CONTRACTOR CONTR	
			Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Own	West and the second second second second second		THE RESERVE OF THE PROPERTY OF	
	Non-tener and appropriate the transfer points are properly and			***			
-				there were recognitive and hardware to	$\vdash$		Difference of the latest statement of the latest state
	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.					THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IN COLUMN	
TO A PROPERTY OF THE PARTY OF T					1		
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				Michigan and American		THE RESERVE TO SERVE THE PARTY OF THE PARTY	

ANIVANII REVIEW

WR# 07259

1. Owner	Commonwes	hab. Waller					WR#	008284
I. Owner		s, Chicago, IL 606	90	Date	8/13/94			THE PERSON NAMED IN COLUMN
				Unit	1 of 1			
2.Plant		Nuclear Power Stat					ComEd	
	22710 206th	Ave. North, Cordon	va, IL 61242		Rapa		stiem P.O. No., Job No., atc.	TO SECURITION OF THE PERSON OF
Work Bank	£			Type C	Code Symbol Sta	mp	N/A	
3. Work Peri		Quad Cities Nucles Ave. North, Cordon	ur Station	Author	rization No.		N/A	
	mm rau auoum a	AVE. NORM, COPON	n, IL 61242	Expira	tion Date		N/A	
<ol> <li>Identificat</li> </ol>	tion of System	RHR SYSTEM	1					
(a) A								
(a) Applicat	ble Constructio	n Code USAS B	31.1 / 1967	_Edition,	N/A	_Adde:	nds NONE Code	See NON
(o) chharan	DIE EXITION OF S	oction XI Utilized f	or Repairs or Repl	ROUMEDIS-	1989		* General Colonial State Colonial Colon	and the same of th
Identificatio	on of Componer	nts Repaired or Repl	ared and Benjame					
THE RESIDENCE OF THE PARTY OF T			moon, man respirate	MENT COM	ponents			
Name		Name of	Mfrs. Ser.	Nat'i	Othar	Year	Repaired	ASME
Compo	nest	Mfr.	No.	Bd.	Identi-	Built	Replaced, or	Code
	(2) 10 (1)			No.	fication		Replacement	Stamped
								(Yes or
VALV	SECTION AND PROPERTY AND PERSONS ASSESSMENT AND PARTY AN	CRANE	N/A	N/A	1-1001-37B	N/A	No Street & Control of Street	No)
STEN	M	CRANE	N/A	N/A	SM B06B75	N/A	REPAIRED	NO
					OCK PROGRAMMENT CONTROL TO ANNUAL PROPERTY AND ASSESSED.	- Constitution of the last	REPLACEMENT	NO
Tests Conduc	RE: Stad: Hydrosta Other [	tic [ ] Pr	neumatic [ ]	Nomina i Tes	Operating Pres	IS. EX	ING ON 1-1001-37B V EMPT FROM PRESS	VALVE, NO URE TEST
ess Conduc	RE:  Other [  Oplicable Code	tic [ ] Prossure Data Reports are	neumatic [ ] ps	Nomina i Tes	Operating Prest Temp.	IS. EX	EMPT FROM PRESS	VALVE, NO
Tests Conduc	RE:  Other [  Oplicable Code	tic [ ] Pressure  Data Reports are	neumatic [ ] ps	Nomina i Tes	Operating Prest Temp.  Ear Power Statis	ssure	I T	URE TEST
ests Conducted Appearing that the	RE:  Other [  Oplicable Code	Data Reports are	ps	Nomina i Tes iitles Nucle OF COMP REPLACE	Operating Prest Temp.  Ear Power Statistical Comment C	ssure	EMPT FROM PRESS	URE TEST
emarks An	Cod: Hydrosti Other [	Data Reports are	neumatic [ ] ps	Nomina Tes  Ities Nucle OF COMP REPLACE TRS0 App	Operating Prest Temp.  Ear Power Statistical Comment C	ssure	of the rules of ASME Code	URE TEST
emarks Appertify that the	Other [  pplicable Code  statements mad	Data Reports are	ps  on file at Owad C  CERTIFICATE (  rrect and this R  A - CounEd 19CF	Nomina Tes  Ities Nucle OF COMP REPLACE TR50 App	COMPONEN  Operating Present Temp.  Experiment Component	ssure	the rules of ASME Code	Section XI
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9.23 - 1994

1. Owner Commonwealth Edison 72 W. Adams, Chicago, IL 60690				Date Sheet Unit	9/1/94 1 of 1		WR# (	011277
Plant		ties Nuclear Power Station		Ollit	*		ComEd	
	22710 20	6th Ave. North, Cordova,	IL 61242		Repa	N/A  N/A  N/A  N/A  N/A  Penda, W '65 Code Case, 1361  Year Repaired, A Replaced, or C Replacement Sta  CY  1970 REPLACED S 1968 REPLACEMENT S 3 N/A REPLACEMENT S  Pressure [ ] 7 °F		STATE OF THE PERSON
				Type C	ode Symbol Sta	mp	N/A	
<ol><li>Work Peri</li></ol>		Quad Cities Nuclear S			ization No.		terminate.	
	22710 20	6th Ave. North, Cordova,	IL 61242	Expirat	ion Date		Market Ma	
(b) Applical	ble Constru ble Edition	uction Code ASME SEG a of Section XI Utilized for I	CT. III Repairs or Repl	Edition,	1989.	ia, W	*65_Code Case, 136	1
_			AL BOSTOS ENGLISHED	mem com	poneats			
Name		Name of	Mfrs. Ser.	Nat'l	Other	Year	Renaired	ASME
Compo	nent	Mfr.	No.	Bd.	Identi-			Code
				No.	fication			Stamper
			1.2-3.	14.				(Yes or
CRI	D	GENERAL ELECT.	1715	BY/4	-	-		No)
CRI	STREET, SALES AND POST OF THE PARTY OF THE P	GENERAL ELECT.	399	N/A N/A	N/A WR#	edinoment and security	A PROPERTY OF THE PERSON NAMED AND POST OF TH	YES
The state of the s			377	NA	Q01242	1968	REPLACEMENT	YES
CAP SC		N/A	N/A	N/A	HT# 52613	N/A	DEBT ACCRETE	NO
. P1		er [X] Pressure 100	F.	i Tes	t Temp. 197	°F		
Remarks A		Code Data Reports are on	file at Quad C	ii Tes	t Temp. 197	°F		
Ve certify that the	pplicable (	CE s made in this report are correct	file at Quad C	ii Tes	ear Power State LIANCE EMENT	°F	rms to the rules of ASME	Code,
Ve certify that the	pplicable (	Code Data Reports are on  CE s made in this report are correct	file at Quad C	ities Nucle OF COMP REPLACI	ear Power State LIANCE EMENT	°F	rms to the rules of ASME	Code,
We certify that the ection XI.  Type of Code S	e statement	Code Data Reports are on  CE s made in this report are corres	file at Quad C	Tes Nucle OF COMP REPLACI OF ST replaces FR50 App	t Temp. 197  car Power State  LIANCE  EMENT  B. O A Progr	or confor		Code,
Ve certify that the ection XI.  Type of Code Sertificate of Au	e statement	Code Data Reports are on  CE s made in this report are correct  mpN/A	file at Quad C RTIFICATE ( and this  rep  - ComEd 10C	Tes  Ities Nucle  OF COMP  REPLACI  oir or replaces  FR50 App	Temp. 197  Par Power State  LIANCE  EMENT  B. O A Progr  Expiration Date	or confor	N/A	Minima shakangan
We certify that the ection XI.  Type of Code S	e statement	Code Data Reports are on  CE s made in this report are correct  mpN/A	file at Quad C RTIFICATE ( and this  rep  - ComEd 10C	Tes  Ities Nucle  OF COMP  REPLACI  oir or replaces  FR50 App	Temp. 197  Par Power State  LIANCE  EMENT  B. O A Progr  Expiration Date	or confor		Minima sala kanapa
Ve certify that the ection XI.  Type of Code Stertificate of Augment	e statement  ymbol State  otherizatio	Code Data Reports are on  CE s made in this report are correct  mp N/A  n No.	file at Ouad C  RTIFICATE ( and this  ComEd 10C)  R. Ford Main	Tes Cities Nucle OF COMP REPLACI DE OF COMP REPLACI	t Temp. 197  car Power State  LIANCE  EMENT  B. O A Progr  Expiration Date  Date  INSPECTION	confor	N/A /0-/8 19 9	

1. Owner Commonwealth Edison 72 W. Adams, Chicago, IL 60690					9/1/94 1 of 1		WR# Q	11280
Plant	Quad Cit	ies Nuclear Power Station		Unit	*		ComEd	
	The state of the s	6th Ave. North, Cordova, I			Repe	-	ion P.O. No., Job No., etc.	MINTANCHINA COMP
3. Work Pe	The state of the s	Quad Citics Nuclear St ith Ave. North, Cordova, I			de Symbol Sta nation No. on Date	1	N/A N/A N/A	
5. (a) Application (b) Application	able Edition	action CodeASME_SEC of Section XI Utilized for R	T. III Repairs or Repla	_Edition, acements-1	989	da_W	.5 Code Case, 136	1
-	ne of	onents Repaired or Replace	d, and Replacer Mfrs. Ser.	Nat'l	Other	Year	Paraind	450.55
	ponent	Mfr.	No.	Bd. No.	Identi- fication	Built	Replaced, or Replacement	ASME Code Stamped (Yes or No)
Desired Street, Street	RD	GENERAL ELECT.	A5266	N/A	N/A	1983	REPLACED	YES
CF	RD	GENERAL ELECT.	A9015	N/A	WR# Q01246	1992	REPLACEMENT	YES
	-	CE ts made in this report are correct	RTIFICATE (		LIANCE	NONE-SINE, CHE STREET, CHE THE	rms to the rules of ASME	Code,
Type of Code	Symbol Sta	mpN/A				ram		THE STREET, ST
antificate of	Authorizatio	n No	N/A		Expiration Da	ite	N/A	
eruncate of		44. emmana		THE DESIGNATION OF THE PARTY OF	mary market as a			And de la contraction and contraction of the contra
		7 - 1	J. R. Ford Mai			**************************************	10-18 199	4
		And Ford		nt. Staff	Date	-	10-18 199	4_
the undersigned the State of components desired, the owner as wellef, the owner as wellef, the owner as wellef, the owner as well as we as well as wel	Owner or Comment of Co	And Ford	e National Board Steam Boller In eriod 03-03 rective measures ployer makes any either the Inspect	SERVICE of Boiler an spection & described in warranty, enter nor his enterpretain.	INSPECTIO  d Pressure Ves  Insurance Co.  /0-2P- **/  n this Owner's	N sel Inspect of of , and state Report in a clied, conc cliable in	lartford, CT have inspections that to the best of my know accordance the requirement	cted the owledge and nts of the

#### FORM NIS-2 OWNERS REPORT OF RUPAIR OR REPLACEMENT As Required by the Provision of ASME Code Section XI WR# Q11285 Commonwealth E. Date 9/1/94 72 W. Adams, Chicago, IL 50690 Sheet 1 of 1 Unit 1 Quad Cities Nuclear Power Station ComEd 22710 206th Ave. North. Cordova, IL 61242 Repair Organization P.O. No., Job No., occ. Type Code Symbol Stamp N/A 3. Work Performed by Quad Cities Nuclear Station Authorization No. N/A 22710 206th Ave. North, Cordova, IL 61242 Expiration Date N/A 4. Identification of System CONTROL ROD DRIVE (CRD) 5. (a) Applicable Construction Code ASME SECT. III Edition, 1965 Addenda W 65 Code Case, 1361 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989, 6. Identification of Components Repaired or Replaced, and Replacement Components Name of Mfrs. Ser. Nat'l Other Repaired, Year ASME Mfr. No. Bd. Identi-Built Replaced, or Code No. fication Replacement Stamped (Yes or No) GENERAL ELECT. 670 N/A N/A 1968 REPLACED YES GENERAL ELECT. A9022 N/A WR# 1992 REPLACEMENT YES O04203 REPLACED CONTROL ROD DRIVE, TEST BY VT-2-1 8. Tests Conducted: Hydrostatic [ ] Paeumatic [ ] Nominal Operating Pressure [ ] Other [X] Pressure 1005 Test Temp. 197 9. Remarks Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station. CERTIFICATE OF COMPLIANCE We certify that the statements made in this report are correct and this REPLACEMENT conforms to the rules of ASME Code. repair or replacement Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. O A Program Certificate of Authorization No. N/A Expiration Date N/A J. R. Ford Maint, Staff Date 10-18 1994

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 of <u>Milipols</u> and employed by <u>Hartford Steam Boiler Inspection &amp; Insurance Ca.</u> of <u>Hartford CT</u> have inspected the components described in this Owner's Report during the period <u>03-03-94</u> to <u>10-22-94</u> , 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 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 Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or certy damage or a loss of any kind arising from or connected with this inspection.

Commissions 117/1

1. Owner

Plant

Name of

Component

CRD

CRD

7. Description of Work

Section XI.

Signed

	THE RESERVE OF THE PARTY OF THE		des anno estado estado de la composição			EMPATEMENT PROPERTY OF	Wks O	12187
1. Owner		wealth Edison lams, Chicago, IL 60690		Date	9/1/94 1 of 1			
20.00				Unit	1			
Plant		ies Nuclear Power Station			Panal	The state of the s	om Ed on P.O. No., Job No., on:	MARKET STATES
	22710 200	6th Ave. North, Cordova, I	L 61242					
3 Work Pe	rformed by	Quad Cities Nuclear St	etion		ode Symbol Stan zation No.		N/A N/A	
J. WOLL I		6th Ave. North, Cordova, I		Expirati			₹/A	
4. Identifica	ation of Syst	em CONTROL ROD I	DRIVE (CRD	)				
		uction Code ASME SEC				a, W	65 Code Case, 136:	
(b) Applic	able Edition	of Section XI Utilized for F	lepairs or Repl	acements-	1989.			
6. Identificat	tion of Comp	conents Repaired or Replace	d, and Replace	ment Corn	oonents			
	AND DESCRIPTION OF THE PARTY NAMED IN	S DE STATE AND AND ADDRESS OF THE PARTY OF T		-				
-	ne of	Name of	Mfrs. Ser.	Nat'l	Other	Year	Repaired,	ASME
Comp	ponent	Mfr.	No.	Bd. No.	Identi- fication	Built	Replaced, or Replacement	Code
			1.47	140.	AMADION		Repuscensem	Stamped es or
			SALES AND A STREET, SALES AND A COMMAND					No)
THE A VICTOR OF THE PARTY OF TH	RD	GENERAL ELECT.	8-144	N/A	N/A	1968	REPLACED	YES
	RD	GENERAL ELECT.	362	N/A	Q01227	1968	REPLACEMENT	YES
CAP S 7. Descriptio	CREW	N/A REPLACED CONTROL	N/A	N/A	HT# 52513	N/A	REPLACEMENT	NO
. Remarks		her [X] Pressure 100  Code Data Reports are on			t Temp. 197  car Power Stat	T ion.		
			RTIFICATE	OF COM	NY VARICTED	WATER AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS N		
We certify that section XI.	the statemen	ats made in this report are corre	ct and this	REPLAC	EMENT	confo	rms to the rules of ASNE	Lode,
T	- Combat Co			den et tabyeon				
Type of Coo	e Symbol Sc	amp N/A	- Comed 10C	FRSO App	B. O A Progr	R.F/S		TOTAL STREET
Certificate of	Authorizati	on No.	N/A		Expiration Dat	te	N/A	
igned	0	1 Ful	1 D P1 M				10.10	
organica	Overday as	Owner's Designee, Title	J. R. Ford Ma	int Statt	_Date	-	10-18 19 7	and the same of th
ATTENDED TO STATE OF THE PERSON NAMED IN		THE WATER THE PARTY THE PA		-	Service and a particular of the Control of the Cont			
	*	CERTIF	CATE OF IN	SERVICE	INSPECTION	<b>V</b>		************************
the undersign	ned, holding	valid commission issued by th	e National Boar	d of Boiler a	nd Pressure Vess	el Inspec	tors	
amponents de	scribed in th	and employed by <u>Hartford</u> is Owner's Report during the p	eriod OF-O	3-94 to	10-18-94	ofl	that to the her of	ered the
elief, the own	er has perfor	med examinations and taken co	rrective measure	s described	in this Owner's R	Leport in	accordance the requirement	wwiedge and
SME Code, S	Section XI.							
y signing this	certificate, 1	seither the inspector nor his em	ployer makes an	y warranty,	expressed or imp	lied, cond	cerning the examinations a	and corrective
erty demo	noed in this C	owner's Report. Furthermore, a any kind arising from or come	either the Insper	ctor nor his e	employer shall be	liable in	any manner for any person	mi injury or
00	0							
Donkor	1 030	ley	Commissions <				NATIONAL PROPERTY OF THE PARTY	
man not	ter	28 1994		Platicont Boca	rd, Stotes, Pasoviences, and Sco	Accessorate	To provide an	
	K.	Lander L7 Conference man						

1. Owner	Commonweal 72 W. Adams	th Edison , Chicago, IL 60690		Date Sheet Unit	8/26/94 1 of 1		WR# Q	08166
2.Plant	Quad Cities !	Vuclear Power Statio	MA		AND COLUMN ASSESSMENT AND ADDRESS OF THE PARTY OF THE PAR		omEd	e annual actions
	22710 206th A	Ave. North, Cordeva	, IL 61242				on P.O. Ho., Job No., one	
3. Work Pe		Quad Citics Nuclear Ave. North, Cordova		Authori	ode Symbol Star ization No. ion Date	1	N/A N/A	
4. Identifica	ation of System	HIGH PRESSUE	RE COLLANT I	NJECTIO	N (HIPCI)			
(a) Applic	cable Construction of S	e Code USAS 83	l.1 / 1967 r Repairs or Repla	_Edition, cements-	N/A 1989.	_Adden	da. NONE Code C	Case_NON
. Identificat	tion of Compone	nts Repaired or Repla	ced, and Replaces	ment Com	ponents			
	ne of ponent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Ed. No.	Other Identi- fication	Yesr Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE T	W CHECK HREADED UG	N/A	N/A	N/A	N/A	N/A	REPLACED	NO
NOTIFICATION OF THE PARTY OF TH	ED PLUG	N/A	N/A	N/A	QRI M94- 00268	N/A	REPLACEMENT	NO
	Applicable Cod	e Data Reports are	CERTIFICATE or rect and this	Cities Nuc OF COM REPLAC	PLIANCE EMENT	ion.	rms to the rules of ASME	Code,
Type of Code	e Symbol Stamp	N	A - ComEd 10C	PRSO ADI		TE. (22)		
ertificate of	Authorization N	io	N/A		Expiration Da	te	N/A	
igned	2	LFord.	J. R. Ford Mai	m. Staff	Date	Married State State States	10-26 199	14
	Corner seguinas	CERT	IFICATE OF IN	SERVIC	E INSPECTIO	N		
the undersign	ned bolding a vali	d commission issued by	the National Roser	of Poiler	and Branson Van	nal Samuel		
nd the State of	d <u>Illinois</u> es escribed in this Over has performed o	d employed by <u>Hartfo</u> waer's Report during th	rd Steam Boller Is e period Q4-6	4-94 to	10-31-94 .	of	Hartford, CT have inspert that to the best of my kn accordance the requirement	owledge and
wares descr	ribed in this Owne	r's Report. Furthermore	, neither the Inspec	tor nor his	expressed or imp employer shall be	lied, con liable in	perning the examinations any manner for any person	and corrective and injury or
And an	K Bool	kind erising from or co	Commissions		/			
we Oct	on symmeso	1994	- Commodelling	National Box	and, States, Provinces, and Es	dremanania		-

### FORM NES-2 OWNERS REPORT OF REP AIR OR REPLACEMENT

	Author 6 h Fig						WR# Q	15199
1. Owner	Commonweal 72 W. Adams	ith Edison I, Chicago, IL 6069	0	Date Sheet	1 of X			
2.Piant	Owned Claims I	Nuclear Power Stati		Unit	1		omE4	
& . F beside		Ave. North, Cordov			Rapos:		es P.O. No., Job No., esc	MITTORE LANGET TO
				Type C	ode Symbol Stan	ap 1	S/A	
3. Work Pe		Quad Cities Nuclear Ave. North, Cordovi			zation No. ion Date	-	Y/A Y/A	
4. Identific	ation of System	MAIN STEAM	TO RCIC					
5. (a) Applic	able Constructio	n Code USAS B3	1.1 / 1967	Edition,	N/A	Adden	da NONE Code C	ase, NON
		Section XI Utilized for		cements-	1989.			* guarating reflectations
Mantifica	tion of Compone	nts Repaired or Repli	and Deslaces	nest Com				
	me of	Name of	Mfrs. Ser.	Nat'l	Other	Year	Repaired,	ASME
	ponent	Môr.	No.	Bd.	Identi-	Built	Replaced, or	Code
				No.	fication		Replacement	Stamped
								(Yes or
			-					No)
THE RESERVE WHEN PARTY AND ADDRESS OF THE	SC SC	CRANE	N/A	N/A	N/A	N/A	REPAIRED	NO
D.	LSC.	CRANE	N/A	N/A	QRI# Q94- 01589	N/A	REPLACEMENT	NO
	LOCKING NG	CRANE	N/A	N/A	QRI# Q94- 01206	N/A	REPLACEMENT	NO
Remarks	Applicable Cod	e Data Reports are	on file at Owad C	lties Nucl	ear Power Stat	102.		
		ade in this report are or	m	REPLAC	EMENT o		to the rules of ASME Cod	e, Section X
			<u> </u>	FRS0 Apr	B. OA Progr	255		T. SALD AND DESCRIPTION AND DE
certificate of	Authorization N	lo	N/A		_Expiration Dat	te	N/A	STREET,
igned	Outrain; on Florence	's Deseguese, Title	J.R. Ford Mai	nt. Staff	_Date		10-26 19 5	74
	AND DESCRIPTION OF THE PROPERTY AND ADDRESS OF THE PROPERTY AS A DESCRIPTION OF THE PROPERTY AS A D	CERT	TFICATE OF IN	SERVIC	E INSPECTION	٧		
the undersion	and balding a will	d						
nd the State o	f Illinois en	d commission issued b	y the National Board	of Botler	and Pressure Vess	el inspec	tors <u>Hartford, CT</u> have inspe	
emponents de	scribed in this Ov	wner's Report during th	se period 03-1	5-74 to	10-31-54	tota has	that to the best of my kn	cred the
clief, the own	er has performed o	exeminations and takes	corrective measure	s described	in this Owner's B	Leport in	accordance the requireme	asts of the
SME Code, S	Section XI.							
y signing this wastes descr	cortificate, neith- ribed in this Owne	er the inspector nor his r's Report. Furthermor	employer makes an a neither the inspec	y warranty, tor nor his	expressed or imp	liable in	cerning the examinations any manner for any person	end corrective
sperty demag	ge or a loss of any	kind arising from or co	expected with this in	spection.			, seems as my passe	- my my y un
Dulan	Bules		Commissions	1497	/			
Section 18 Contract of the con	Michiganian	CONTRACTOR AND ADMINISTRATION OF A PROPERTY	CONTRACTOR DESCRIPTION CO.	Hotismal Res	ord, Resto, Porreisson, aucl Bo	demonstration	COLUMN TO THE PARTY OF THE PART	NAME AND DESCRIPTION OF THE PERSON OF THE PE

1. Owner	THE THE RESIDENCE OF THE PARTY	vealth Edison					Date	4/7/93 1 of 1	
Plant		s Nuclear Power Station th Ave. North, Cordova, II	61242				Unit	1	
3. Work Pe		Quad Cities Nuclear Stat th Ave. North, Cordova, II					WRA	Q03003	
4. Identific	ation of Syst	em BOILER FEED							
5. (a) Appli (b) Appl	icable Constr icable Editio	ruction Code ANSI B16. un of Section XI Utilized for	5-B16.34 196 Repairs or Re	placemen	d=== 13950	N/A Add		Code CasesN3	08
6. Identific	ation of Com	ponents Repaired or Replac	ced, and Repla	cemen: C	o==cione	nts			
	ne of ponent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Ser.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CHECK	WATER VALVE UM	CRANE VALVE	N/A	N/A	S.as	1-0220-58B	N/A	REPLACED	NO
CHECK	WATER VALVE RIM	CRANE VALVE	N/A	N/A	Nones	1-0220-58B	N/A	REPLACE- MENT	NO
7. Descript 8. Tests Co 9. Remarks	nducted:	REPLACED VALVE T Hydrostatic [X] Pressure1110psi ICABLE MANUFACTUR	Pneumatic Test Temp.	] _200_F.	N	ominal Operation		ure [] O	ther []
	COLUMN TANDES	The state of the s		T 05 0/	NA COURT V V	81000			
We certify ASME Co		tements made in this repo		and this	REE	LACEMENT	_ confe	orms to Section	XI of the
Signed	9	In Ford In	Ma.	Nt.	5	tt		6-	3-93
	(OWN	ER OR OWNERS DESIGNEE)			Т	MLE			(DATE)
and the Str REPLACE repair or r rither the cribed injury or p	ersigned, hoi ate of Illinoi EMENT de eplacement inspector n in this Repo	ding a valid commission is, employed by Hartford Sescribed in this Report on has been constructed in according to the employer makes and the furthermore, neither thange or a loss of any kind	Steam Boiler 1 2.21.93 coordance with y warranty, ex he Inspector r	National Inspection and sta Section Expressed for his ex	Biarus on Agerence te them to the Morf the Granuph or the minimum of the minimum	f Boiler and Pr y of Hartford, to the best of m he ASME Code ied, concerning shall be liable	CT have y known. By sign the region any ren.	re inspected the fledge and belief ming this certifi- pair or replacem manner for any	r, this cate,
DE10		(Inspec	TOR)	COLUMN TO SERVICE OF THE SERVICE OF			STREET, STREET	OVINCE, NATION	AL BOARD)

1. Owner	Commonwea	ilth Edison					Date	4/8/93	
		s, Chicago, IL 60690					Sheet	1 of 1	-
2. rlant	Quad Cities	Nuclear Power Station Ave. North, Cordova, IL	61242				Unit		
	( we will be the second						WRA	Q90254	
3. Work Po	22710 206th	Quad Cities Nuclear State Ave. North, Cordova, IL	61242	Edition N/A Addenda, Code Cases eplacements- 1980. W'80 Addenda, Code Cases N308 accement Components    Nat'l CRN Other Year Repaired, Bd. No. Identi-   Replaced, or Replacement (Ye   N/A N/A 1-1001-5A N/A REPLACED    N/A N/A 1-1001-5A N/A REPLACED    N/A N/A 1-1001-5A N/A REPLACE-   MENT    MENT    Other YT-2-1.   TE OF COMPLIANCE					
4. Identific	ation of System	RESIDUAL HEAT	REMOVAL			and the same of th			
		Colo DEAC DIL	1 / 1967	E	dition .	N/A A	ddenda,	Code Cases	PRODUCTION OF THE PARTY OF THE
(b) App	licable Edition	of Section XI Utilized for	Repairs or Re	placemer	ts- 1980	W'80 Add	lenda, C	ode CasesN3	08
6. Identific	cation of Comp	onents Repaired or Replac	ed, and Replac	ement C	omponer	nts	Tv	Desciond	ASME Code
Na	me of	Name of	Mfrs. Ser. No.	Nat !	CKU	Other			Stamped
Com	aponen?	Mfr.	No.		740.	G. W. C. Park	-		(Yes or No)
HEAT EX	RHR CHANGER OUTLET	COPES VULCAN	N/A	N/A	N/A	1-1001-5A	N/A	REPAIRED	NO
HEAT !	RHR EXCH SW TRIM SET	COPES VULCAN	N/A	N/A	N/A	1-1001-5A	N/A	REPLACED	NO
HEAT!	RHR EXCH SW TRIM SET	COPES VULCAN	N/A	N/A	N/A	1-1001-5A	N/A		NO
7. Descrip 8. Tests C	Conducted:	REPLACED VALVE THydrostatic [X] Pressure 442 psi CABLE MANUFACTU	Pneumatic   Test Temp.	AMB	F.				ther [X]
			CERTIFICAT	FOFC	OMPL I	ANCE			
We certif		ements made in this repo	ort are correct	and this	REI	PATR	conf		
Signed	9	1 Forth	~	12.nt	. 5.	t=t+		6-3	MANAGEMENT OF THE PARTY OF THE
	(O)	R OR OWNERS DESIGNEE)	ERTIFICATE	OFF	CDECTI	TLE ON			(DATE)
REF	State of Illinois AIR de	ding a valid commission s, employed by Hartford scribed in this Report or has been constructed in a or his employer makes as t. Furthermore, neither	issued by the ! Steam Boiler a 3-3-93 accordance with	National Inspection and st h Section	Board on Agendate that	of Boiler and I cy of Hartford to the best of the ASME Coolied, concernit	my know te. By sing the re	wiedge and beliegning this certile	ef, this licate, ment
injury or	property dan	nage or a loss of any kind	d arising from	or conn	ected wi	th this inspect	ion.		
Date 6	6-3-93	Down Upsle	<del></del>		C	ommissions _	TE OP P	NO FOST	NAT BOARD)
		(INSPI	ector)	-	-	(STA)	I E OR PI	COVINCE, NATIO	INAL BUNKU)

1. Owner	Commonw	ealth Edison					Date	e 4/24/93	
	72 W. Ads	ams, Chicago, IL 60690	***********				She	et 1 of	_
Plant	SECURITY AND ASSESSMENT OF THE PARTY OF THE	s Nuclear Power Station th Ave. North, Cordova, I	L 61742				Uni	1	
3. Work P		Quad Cities Nuclear Stat th Ave. North, Cordova, II	A CHRISTIAN AND A STATE OF THE PROPERTY OF THE PROPERTY OF THE PARTY O				WR	Q01526	
4. Identific	ation of Syste	REACTOR WATE	R CLEAN UP						
		uction Code ASME SEC			38/ 16	6 4444-	C-4- C	N/CONTO	APPROXIMATION OF THE PARTY OF T
(b) Appl	licable Edition	n of Section XI Utilized for	Repairs or Re	placemen	nts- 1980	W'80 Ad			08
becaming a second	ation of Com	ponents Repaired or Replace	od, and Replace Mfrs. Ser.	AND RESIDENCE OF THE PERSON NAMED IN	Assessment and a second	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO	T 9/	T	
Com	ponent	Mfr.	No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
RECIRC	NBOARD SUCTION LVE	CRANE	N/A	N/A	N/A	1-1201-2	N/A	REPLACED	NO
RECIRC	NBOARD SUCTION LVE	ANCHOR DARLING	EB733-1-1	N/A	N/A	1-1201-2	1991	REPLACE- MENT	NO
7. Descripti 8. Tests Co		REPLACED VALVE	Pneumatic [	]	No	minal Operation	ag Press	are [] Ot	ber [ ]
9. Remarks		Pressure	Test Temp						
We certify t	that the state	Coments made in this report	ERTIFICATE	OF CO		NCE ACEMENT	confo	rms to Section 3	CI of the
Signed	S	OR OWNERS DESIGNED	Maint	4. 5	NAME AND ADDRESS OF THE OWNER, OR OTHER DESIGNATION OF THE OWNER, OR OTHER DESIGNATION OF THE OWNER, OR OTHER DESIGNATION OF THE OWNER,	THE REST OF THE PARTY NAMED IN		6-3-	THE RESIDENCE OF THE PARTY OF T
	(Owses	THE RESIDENCE OF THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN	RTIFICATE (	OF INSE	FCTIO		THE CHEEK PRODUCTION OF THE PERSON		(DATE)
REPLACES repair or re reither the i	MENT description d	ing a valid commission iss employed by Hartford St cribed in this Report on is been constructed in acc his employer makes any	sued by the Na earn Boiler Ins 02-04-93 ordance with S warranty, exp	tional B spection and state Section )	Agency that to I of the	Boiler and Proof Hartford, the best of market Code.	CT have y knowle By sign the reco	inspected the edge and belief, sing this certification or replacement	this ate,
injury or pr	operty dama	Furthermore, neither the	rising from or	connect	ed with	this inspection	n.,		ersonal
Date 06	-03-93	(Inspect	OR)		_ Com	missions 32	97/	NO FOFF	Pourry

1.	Owner	Commonwe 72 W. Adam	alth Edison ns. Chicago 60690					Date	COMPANY OF THE PERSON NAMED IN COLUMN 2 IN	_ , 1, , , , , ,
2.	Plant	Quad Cities 22710 206th	Nuclear Power: Station Ave. North Cordova, II	61242				Unit		
3.	Work Pe	22710 206th	Quad Cities Ninclear State	61342				WR	Q03288	
		ation of System								
5.	(a) Appl (b) Appl	icable Constru icable Edition	of Section X Utilized for	5-B16.34 1967 r Repairs or Re	placemen	dition its- 1980			Code CasesN3	08
6	Identific	ation of Comp	onents Repaired or Repla	ced. and Replac	ement C	ompone	nts			
<u>.</u>	Nas	ne of ponent	News of	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	CHECK	WATER VALVE RIM	CRANE WALVE	N/A	N/A	N/A	1-0220-58A	N/A	REPLACED	NO
	CHECK	WATER VALVE RIM	CRANE 'VALVE	N/A	N/A	N/A	1-0220-58A	N/A	REPLACE- MENT	NO
8.		onducted:	REPLACED VALVE T SURFACE Hydrostatic X ] Pressure	Pneumatic [ Test Temp.	] 200 F.	N	ominal Operation	ng Press		M SEATING
				VALUE OF STREET	MANAGEMENT OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT N					MINOR RECORD SERVICE STATE OF THE SERVICE SERV
A.S	SME Co	de.	ements made : in this repo	CERTIFICATION AND AND AND AND AND AND AND AND AND AN	and this	REI	PLACEMENT	_ conf	forms to Section	
34	gned _	NAME AND ADDRESS OF THE OWNER, WHEN PERSON AND PARTY OF THE OWNER,	R OR OWNERS : DESIGNEE)	107.5	1 -	T	TILE		Value of the Parket part of the State of the	(DATE)
I,	the und	ersigned, hole	A DESCRIPTION OF THE PROPERTY	ERTIFICATE issued by the N Steam Boiler I	lational	PECTI Board o	ON of Boiler and P	ressure CT ha	Vessel Inspector	3
R	EPLAC	EMENT de	scribed in thins Report on as been constructed in a	ccordance with	and sta	te that	to the best of n he ASME Code	ny knov e. By si	riedge and belie gning this certif	r, this icate,
	ither th	e inspector no in this Repor	or his employeer makes ar t. Furthermoore, neither tage or a loss; of any kind	the Inspector n	xpressed or his ea	or impl nployer	shall be liable	g the re in any	pair or replacen	nent
		6-03-43	1 . 0 .				mmissions 1	971	PARTICULAR STOCKED BEFORE SECURIOR STOCKED STO	
				CTOR)		-	(STAT	E OR PR	OVINCE, NATION	AL BOARD)

B. C. Str Markey	nwealth Edison					Date	CONTRACTOR OF THE PARTY OF THE	
STATE OF THE PERSON NAMED IN COLUMN 2 IN C	ities Nuclear Power Station	L 61242				Unit	1	
3. Work Performed b	y Quad Cities Nuclear Sta 06th Ave. North, Cordova, II	tion				WRA	Q03324	
4. Identification of Sy	stem BOILER FEED			Alreadow (alreado				
(b) Applicable Edi	struction Code ANSI B16.	r Repairs or Re	placemer	its- 1980	) W'80 Add		Code CasesN3	08
	omponents Repaired a Repla	ced, and Replac				-		
Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASh E Code Stanped (Yes or No)
FEED WATER CHECK VALVE TRIM	CRANE VALVE	N/A	N/A	N/A	1-0220-62A	N/A	REPLACED	NO
FEED WATER CHECK VALVE TRIM	CRANE VALVE	N/A	N/A	N/A	1-0220-6ZA	N/A	REPLACE- MENT	NO
7. Description of Wo 8. Tests Conducted: 9. Remarks AP	REPLACED VALVE TO SURFACE.  H: Surface [X]  FLICABLE MANUFACTURE  PLICABLE MANUFACTURE	Pneumatic [ Test Temp.	] 200 F.	N	ominal Operation	ng Press		M SEATING
AND THE PROPERTY AND TH				THE STATE OF THE STATE OF	Continue to the Continue of th		- Annual Company of the Company of t	
We certify that the s ASME Code.	statements made in this repo	CERTIFICATI	and the same	Committee Committee or other Com	LACEMENT	_ confe	orms to Section	XI of the
Signed	IN FOUT	Ma	raf.	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	-te		6-3	-93
(Q/	VNER OR OWNERS DESIGNEE)		-	SATISFIES OF THE PARTY OF THE P	TTLE			(DATE)
and the State of Illis REPLACEMENT repair or replacement ther the inspector cribed in this Re- injury or property of	bolding a valid commission in the commission in the constructed in this Report on the constructed in an armor his employer makes an port. Furthermore, neither that amage or a loss of any kind	Steam Boiler I 03.08-93 ccordance with y warranty, ex- the Inspector n arising from c	ational lanspection and standard Section pressed or his en	Board on Agence te that to XI of the or implementation of the or implementation of the or implementation of the or implementation of the or included with the original with th	f Boiler and Pry of Hartford, to the best of more ASME Code ied, concerning shall be liable to this inspection	CT have y know a. By sign the reprint any	e inspected the ledge and belief ning this certific pair or replacem	, this cate,
	(Inspe	Married and American Street, some substitute of the second street,		-	SERVICE	Colored Philadelphia	VINCE, NATION	BOARD)

1. Owner	Commonwe 72 W. Adar	ealth Edison ms, Chicago, IL 60690					Date	SECURITARIA SALOSSISSISSISSISSISSISSISSISSISSISSISSISSI	_
2. Plant		Nuclear Power Station h Ave. North, Cordova, II	L 61242				Unit	1	
3. Work Per	22710 2060	Quad Cities Nuclear Stat h Ave. North. Cordova, II	61242				WRA	Q89877	
4. Identifica	tion of Syste	m MAIN STEAM					-		
(b) Appli	cable Edition	of Section XI Utilized for	r Repairs or Re	placemen	its- <u>1980</u>	W''80 Add		ases NONE ode Cases N3	08
6. Identifica	tion of Com	popents Repaired or Repla	ced, and Replac	ement C	omponer	its	-	-	
	ne of	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
ELECTR REL VAI	IEF	DRESSER IND.	BK7063	N/A	N/A	N/A	1968	REPLACED	NO
ELECTR REL	OMATIC	DRESSER IND.	BK7060	N/A	N/A	N/A	1968	REPLACE- MENT	NO
7: Descripti 8. Tests Co 9. Remarks	aducted:	REPLACED VALVE I Hydrostatic [X] Pressure1110_ psi ICABLE MANUFACTUR	Pneumatic [ Test Temp.	] 200_F		ominal Operati		ure [] O	ther [ ]
					CHI LANGUE DE CONTROL		CONTRACTOR CONTRACTOR		
We certify		ements made in this repo	CERTIFICATI			NCE LACEMENT	conf	orms to Section	XI of the
Signed	5	In Ford for	Main	4. 5	Sfof	7		6-3	MANUFACTURE OF THE PARTY OF THE
	(Ownte	R OR OWNERS DESIGNEE)			TI	TLE	A house and a second	S SECTION AND ADDRESS OF THE PARTY OF THE PA	(DATE)
and the Su REPLACE repair or n ther the cribed i	rsigned, holate of Illinois MENT de eplacement l inspector no n this Repor		Steam Boiler I  03.26.93  ccordance with  y warranty, ex  the Inspector n	nspection and sta Section pressed or his er	Board of m Agency te that to XI of the or impli- noloyer of cted with	Boiler and F y of Hartford to the best of the eASME Coded, concerning shall be liable to this inspection	, CT have my know le. By sign the remain any mon.	re inspected the riedge and belief rning this certifi- pair or replacen manner for any	f, this cate,
Date 06	Onte 06-03-93 Soulon Goslag Commissions 24971 NUSE ?								

		FORM NIS-2 OV : As Requi	WNERS REPOR						
. COWDER	Commonwe 72 W. Adaz	ealth Edison ms, Chicago, IL 60690	Quad Cit	ies Nuci	ear Static	DIG.	Date	AND DESCRIPTION OF THE PARTY OF	
_ PPiant	SCHOOL SECTION AND ADDRESS OF THE PERSON	Nuclear Power Station					Unit	1	
	22710 206th	h Ave. North, Cordova,	IL 61242						
3. Work P		Quad Cities Nuclear St. h Ave. North, Cordova,					WRA	Q95728	
	licable Consta	m REACTOR RECT	and a survey of the survey of		Edition,	N/A	Addenda	, Code Cases	N/A
		of Section XI Utilized for		NAME AND ADDRESS OF THE OWNER, WHEN		STATEMENT AND ASSESSMENT OF THE PARTY OF THE		ode Cases N3	Market State Committee Committee State Sta
AND PARTY AND DESCRIPTION OF STREET STREET, ST	A MARKAT SERVICE SERVI	ponents Repaired or Repla	TOTAL PARTIES AND ADDRESS OF THE PARTIES AND ADD	- Promotion of the Party of the		Other	Year	Repaired,	ASME Code
	me of	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd.	CRN No.	Identi-	Built	Replaced, or	Stamped
Com	ромен	Mil.	140.	No.	140.	fication	Duest	Replacement	(Yes or No)
FL	DECON ANGE LTING	UNKNOWN	N/A	N/A	N/A	1-0202A- 28A	N/A	KEPLACED	NO
CHARLEST NAMED AND POST OF THE PARTY OF THE	DECON					THE RESIDENCE OF THE PARTY OF T	1		
	ANGE LTING	CARDINAL INDUSTRIES	N/A	N/A	N/A	1-0202A- 28A	N/A	REPLACE- MENT	NO
			LC DECOVE						
Descript	non of Work	RERPLACED RECIR	C DECON FLA	INGE B	OLTING	LIKE FOR	LIKE.		
i. Tests Co		Hydrostatic [X] Pressure	Pneumatic [ Test Temp.		No	ominal Operati	ing Press	ure [] O	ther [ ]
3. Remarks	PRESENTATION AND ADMINISTRATION AND	CABLE MANUFACTU E WILL BE TESTED O	REALING COMMERCIAL DEPTH OF THE PERSON OF TH	PERSONAL PROPERTY AND ADDRESS OF THE PERSONS ASSESSED.	S ON F	ILE AT QCN	PS.		
Wee certify ASSME Co		ements made in this rep	No. of the	and this	REP	NCE LACEMENT	conf	forms to Section	XI of the
THE PROPERTY OF	(Owne	R OR OWNERS DESIGNED				TLE		0 /	(DATE)
		THE PROPERTY OF THE PROPERTY O	CERTIFICATE	OF INS	ACCRECATE VALUE OF THE PERSON AND TH	NAME AND POST OF THE OWNER, WHEN PERSON AND PARTY OF THE OWNER, WH	THE STATE OF STREET		(DAIE)
REEPLACE ir or r	ate of Illinois, EMENT des replacement he inspector no	ding a valid commission , employed by Hartford scribed in this Report of as been constructed in a or his employer makes as t. Furthermore, neither	Steam Boiler In 06.05.75 accordance with my warranty, ex	and sta Section pressed	n Agency te that to XI of th or impli	y of Hartford, the best of n e ASME Code ed, concerning	CI have ny know e. By sig g the re	re inspected the riedge and belief paing this certifi pair or replaces	f, this icate, nent
inniury or p	property dam	age or a loss of any kine	d arising from o	E COMME	cted with	this inspection	on.	names for any	personal
Durate 06	-04-93	Solden Oze	ster-		Cor	- THE SAME	AND DESCRIPTION OF THE PARTY OF	OVENCE NATION	The second second second second second

#### FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI 1. Owner Commonwealth Edison 72 W. Adams, Chicago, IL 60690 2. Plant Quad Cities Nuclear Power Station 22710 206th Ave. North, Cordova, IL 61242 3. Work Performed by Quad Cities Nuclear Station Q98171 22710 206th Ave. North, Cordova, IL 61242 4. Identification of System MAIN STEAM 5. (a) Applicable Construction Code USAS B16.5 / 1965 Edition, N/A Addenda, Code Cases NONE (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1980, W'80 Addenda, Code Cases N308 6. Identification of Components Repaired or Replaced, and Replacement Components Name of Name of Mfrs. Ser. Nat'l CRN Other Year Repaired. ASME Code Component Mfr. No. Rd. No. Identi-Built Replaced, or Stamped No. Replacement fication (Yes or No) MAIN STEAM ISOLATION CRANE NIA N/A N/A 1-0203-1C N/A REPAIRED NO VALVE MAIN STEAM ISOLATION CRANE N/A N/A N/A 1-0203-1C N/A REPLACED NO VALVE DISC MAIN STEAM ISOLATION CRANE N/A N/A N/A 1-0203-1C N/A REPLACE-NO VALVE DISC MENT 7. Description of Work REPAIRED VALVE, REPLACED VALVE DISC LIKE FOR LIKE. Hydrostatic [X] 8. Tests Conducted: Pneumatic [ ] Nominal Operating Pressure [ ] Other [ ] Pressure 1000 psi Test Temp. 200 F APPLICABLE MANUFACTURERS DATA REPORTS ON FILE AT QCNPS. 9. Remarks CERTIFICATE OF COMPLIANCE We certify that the statements made in this report are correct and this REPAIRED conforms to Section XI of the ASME Code Marut. Stoff 6-4-93 Signed (OWNER OF OWNERS DESIGNED) (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 of Illinois, employed by Hartford Steam Boiler Inspection Agency of Hartford, CT have inspected the described in this Report on 63-08-93 and state that to the best of my knowledge and belief, this ir or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, n....ner 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 06-04-93 Soules Commissions IL 911, NB 5088

(Inspector) (State or Province, National Board)

#### FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI 1. Owner Commonwealth Edison 72 W. Adams, Chicago, IL 60690 **Ouad Cities Nuclear Power Station** - Plant 22710 206th Ave. North, Cordova, IL 61242 WR# 007979 3. Work Performed by Quad Cities Nuclear Station 22710 206th Ave. North, Cordova, IL 61242 4. Identification of System HIGH PRESSURE COOLANT INJECTION 5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, N/A Addenda, Code Cases NONE (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1986: W180- Addenda, Code Cases -N308-NEWED 6. Identification of Components Repaired or Replaced, and Replacement Components ASME Code Name of Mfrs. Ser. Nag'l CRN Other Year Repaired, Name of Built Replaced, or Stamped Component Mfr. No. Rd. No. Identi-No. fication Replacement (Yes or No) HPCI TURB CASING REPLACED N/A 1-2307 N/A N/A N/A N/A NO DRAIN ORIFICE FLANGE BOLTING HPCI TURB CASING N/A N/A 1-2307 REPLACE-NO N/A N/A DRAIN ORIFICE N/A FLANGE BOLTING MENT Description of Work REPLACED FLANGE BOLTING LIKE FOR LIKE. Hydrostatic [ ] Preuznatic [ ] Nominal Operating Pressure [X] 8. Tests Conducted: Other [ ] Pressure 3 5 psi Test Temp. AMB F APPLICABLE MANUFACTURERS DATA REPORTS ON FILE AT OCNPS. 9. Remarks 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. Maint Supt Signed OWNER OR OWNERS DESIGNEE) CERTIFICATE OF INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Illinois, employed by Hartford Steam Boiler Inspection Agos of Hartford, CT have inspected the REPAIR described in this Report on 11/2/43 and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, her 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 of a loss of any kind arising from or connected with this inspection.

(INSPECTOR)

Date (12/93

Commissions JL# 1474

(STATE OR PROVINCE, NATIONAL BOARD)

#### FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI Owner Commonwealth Edison 72 W. Adams, Chicago, IL 60690 Quad Cities Nuclear Power Station - Plant 22710 206th Ave. North, Cordova, IL 61242 WR# Q07986 3. Work Performed by Quad Cities Nuclear Station 22710 206th Ave. North, Cordova, IL 61242 4. Identification of System HIGH PRESSURE COOLANT INJECTION 5. (a) Applicable Construction Code USAS B31.1 / 1967 Edition, N/A Addenda, Code Cases NONE (b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980; W190 Addenda, Code Cases -N308-1989 Identification of Components Repaired or Replaced, and Replacement Components CRN ASME Code Name of Mfrs. Ser. Other Repaired. Name of Bd. No. Identi-Built Replaced, or Stamped Mfr. No. Component No. fication Replacement (Yes or No) HPCI DRAIN POT N/A N/A N/A 1-2301-2 N/A REPAIRED NO STEAM ARMSTRONG TRAP 7. Description of Work CUT AND REWELDED INLET LINE TO FACILITATE TRAP INSPECTION & REPAIR. Hydrostatic [ ] Pneumatic [ ] 8. Tests Conducted: Nominal Operating Pressure [ ] Other [X] Test Temp. AMB F Pressure 30 psi VT-2-1.1 APPLICABLE MANUFACTURERS DATA REPORTS ON FILE AT OCNPS. Remarks CERTIFICATE OF COMPLIANCE We certify that the statements made in this report are correct and this conforms to Section XI of the ASME Code. Mount Sypt OWNER YOR OWNERS DESIGNEE) CERTIFICATE OF INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Illinois, employed by Hartford Steam Boiler Inspection Agency of Hartford, CT have inspected the described in this Report on 11/2/93 and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, ber 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. Commissions IL# 1474 (INSPECTOR) (STATE OR PROVINCE, NATIONAL BOARD)

11/2/93

CARROLL OF LABOR AND ADDRESS OF THE PARTY OF	nonwealth Edison	************				Da	COMPANY OF THE PERSON NAMED IN COLUMN 2 IN	
1 L W	Adams, Chicago, IL 60690					She	et 1 of _	1
A STATE OF THE PERSON NAMED IN COLUMN 2 IN	Cities Nuclear Power Station					Uni	it 1	
_22710	206th Ave. North, Cordova,	IL 61242						7.14
3. Work Performed	by Quad Cities Nuclear S	tation				WR	# Q07869	
	206th Ave. North, Cordova,							
4. Identification of	System HIGH PRESSUR	E COOLANT I	NUECT	ION				
					NONCOTORNO CONTRACTOR	THE RESERVE OF THE PERSON NAMED IN		
(b) Applicable Co	enstruction Code <u>USAS B3</u> dition of Section XI Utilized f	or Renaire or Re	Edition,	N/A	Addenda	, Code (	ases NONE	
				198	9 22 1/2.293	genga, (		4/93
6. Identification of	Components Repaired or Repl			Christmann Andrews	SPECIAL SECURITY COMMENTS AND ASSESSMENT ASSESSMENT AND ASSESSMENT		~/	4/13
Name of Component	Name of	Mfrs. Ser.	Nat'l	CRN	Other	Year	Repaired,	ASME Coo
Component	Mfr.	No.	Bd. No.	No.	Identi- fication	Built	Replaced, or	Stamped
HPCI EXHAUS	Г		140.	-	ncadon	-	Replacement	(Yes or No
RUPTURE	BS&B	N/A	N/A	N/A	1-2301-68	N/A	REPLACED	NO
DISC								
HPCI EXHAUST								THE RESERVE AND ADDRESS OF THE PERSON
DISC	BS&B	N/A	N/A	N/A	1-2301-68	N/A	REPLACE-	NO
HPCI EXHAUST							MENT	
RUPTURE	BS&B	N/A	N/A	N/A	1-2301-69	N/A	REPLACED	NO
DISC							ELLI LIPS CALLED	NO
PCI EXHAUST RUPTURE								THE RESERVE OF THE PERSON OF T
DISC	BS&B	N/A	N/A	N/A	1-2301-69	N/A	REPLACE- MENT	NO
2.0		The state of the s	for recommending to the	ummananada	ARREST STANDARD AND ADDRESS OF THE PARTY OF		AVAILABLE V A	-
7. Description of Wo	rk _REPLACED RUPTUR	E DISCS LIKE	FOR L	IKE.				
8. Tests Conducted:	Hydrostatic [ ]	Domination f	3					
	Pressure30 psi	Pneumatic [ Test Temp.		, No	minal Operation	g Pressi	are [X] Od	mer []
9. Remarks API	PLICABLE MANUFACTUE	RERS DATA RI	EPORTS	ON FE	LE AT OCNP	S.		
					The same of the sa	THE REAL PROPERTY.		BACKSON, NAME OF STREET
THE STREET, I SHARE THE STREET, I WANTE WAS A STREET, AND A STREET, AND A STREET, AND A STREET, AND A STREET,		AND REAL PROPERTY OF THE PARTY OF THE RESIDENCE		and the same of th				
We certify that the e	tatements made in this repor	ERTIFICATE	OF CO					CONTROL DE STATE OF S
ASME Code.	secondario monde in this repui	nt are correct at	d this	KEPL	ACEMENT	confo	rms to Section X	I of the
		0						
Signed	usch Dieber	to l	M	last	Supt-			10/14/9:
JOW	NER OR OWNERS DESIGNEE)			Trr	LE	Marian Switz Continues and		(DATE)
	CI	ERTIFICATE C	)F INSP	ECTIO	N	THE NAMES OF STREET	AND SECURITIONS OF A STATE ASSESSMENT OF THE	-
the undersigned h	oldine a valid commission in	mand her the No.						
count price chemine the Titling	olding a valid commission is ois, employed by Hartford S	Appears Notice Inc	marting.	A statement	and the market out of	eta 5		
There are branches and a	mencindra na luis kedore or	1112193 8	ateta ben	that to	the best of me	. Lonnanda	dan 4 5 - 51 - 6 .	their
chance on a characteristics	i man desen consistracied in acr	CONTRACTOR WITH S	archinus X	T of the	A CRATE Cada	W1	48.7	
seu euse erreidheit stiffe	enne enen erkirdagiven relakcen ridv	WENTSHITTE MEN	recessor ou	Demon an Films				
were smort and every medial	ort. Furthermore, neither the mage or a loss of any kind a	e inspector nor	his onen	lower eb	all he lights in		unner for any pe	rsonal
	O A D	st spring 1 LOUIS OL	connecte	od with t	this inspection.			
Date 11/2/93	taultish	CALL PLAN		Comm	nissions IL	# 147	u	
	(Inspect	ror)					INCE, NATIONAL	BOARD)
		The state of the s	NAME AND POST OF PERSONS ASSESSED.	THE R. P. LEWIS CO., LANSING, MICH.	THE REAL PROPERTY AND ADDRESS OF THE PARTY AND	The second secon	THE RESERVE ASSESSMENT OF THE PARTY OF THE P	BETTER BUTTER

# Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. O A Program Certificate of Authorization No.

1. Owner

...Piant

Name of

Component

CRD

CRD

### I, the underzigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of \_\_\_\_\_ mid employed by Hartford Steam Boller Inspection & Insurance Co.\_\_\_\_ of \_\_Hartford, CT have inspected the components described in this Owner's Report during the period 3-3-47 to 12-28-94, 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 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 "asures described in this Owner's Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or perty demage or a loss of any kind arising from or connected with this inspection. 2000

Dordon Josk	u,	Commissions	IL-971	
Date December	28 19	The second secon	Neticoul Board, State, Province, and Restorousances	

#### FORM NIS-2 OWNERS REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI WR# Q07847 1. Owner Commonwealth Edison Date 8/28/94 72 W. Adams, Chicago, IL 60690 Sheet 1 of 2 Unit 2.Plans **Quad Cities Nuclear Power Station** ComEd 22710 206th Ave. North, Cordova, IL 61242 Remair Organization P.O. No., Job No., stc. Type Code Symbol Stamp N/A 3. Work Performed by **Quad Cities Nuclear Station** Authorization No. N/A 22710 206th Ave. North, Cordova, IL 61242 Expiration Date N/A 4. Identification of System MAIN STEAM 5. (a) Applicable Construction Code USAS B31,1 / 1967 Edition, N/A Addenda NONE Code Case, NONE (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1989. 6. Identification of Components Repaired or Replaced, and Replacement Components Name of Name of Mfrs. Ser. Nat'l Other Year Repaired. ASME Component Mfr. No. Bd. Identi-Built Replaced, or Cod-No. fication Replacement Star .ped 'es or No) ELECTRO-MATIC CONSOLIDATED BK 7060 N/A N/A N/A REPLACED NO RELIEF VALVE (DRESSER-RAND) ELECTRO-MATIC CONSOLIDATED BK 7062 N/A N/A REPLACEMENT N/A NO RELIEF VALVE (DRESSER-RAND) 7. Description of Work REPLACE VALVE AND FASTENERS LIKE FOR LIKE, TESTING BY IN-SERVICE LEAK TEST 8. Tests Conducted: Hydrostatic [ ] · Pneumatic [ ] Nominal Operating Pressure [ ] Other [X] Pressure 1005 Test Temp. 197 9. Remarks Applicable Code Data Reports are on file at Ouad Cities Nuclear Power Station. CERTIFICATE OF COMPLIANCE We certify that the statements made in this report are correct and this REPLACEMENT conforms to the rules of ASME Code, Section XI. Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. O A Program Certificate of Authorization No. N/A Expiration Date N/A Signed J. Ford Maim Staff Date 11-9 19 94 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 of \_\_\_\_\_\_ Illinois\_\_ and employed by Hartford Steam Bolier Inspection & Insurance Co.\_\_\_\_\_ of \_\_Hartford, CT have inspected the components described in this Owner's Report during the period 12-17-93 to 11-17-97, 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 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 Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a less of any kind arising from or connected with this inspection. m K Bosley Commissions IL 971 National Board, Brits, Province, and Endocrements

November 17 19 94

1. Owner	Commonwea	th Edison						WRJ	Q07847
2. 0 11 1102		, Chicago, IL 606	90	Date	8/28	0f 2			
				Unit	1				
2.Plant	Quad Cities !	Nuclear Power Stat	tion				C	omEd	
	22710 206th	Ave. North, Cordon	n, IL 61242		-	Rep	or Organizatio	m P.O. No., Job No., stc.	OTHER PROPERTY.
				Type C	ode Sy	mbol St	amp N	I/N	
3. Work Pe		Quad Cities Nuclea		Author	ization	No.	N	<u>/A</u>	
	22710 206th A	Ave. North, Cordov	a, IL 61242	Expirat	ion Da	ite		/A	
(a) Application (b) Application	able Edition of S	MAIN STEAM  a Code USAS B  ection XI Utilized f  ats Repaired or Repi	31.1 / 1967 or Repairs or Rep		1989.	N/A		a. NONE Code	Case, NONE
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-	ne of	Name of	Mfrs. Ser.	Nat'l		Other	Year	Repaired,	ASME
Comp	onent	M&r.	No.	Bd.	1 2	denti-	Built	Replaced, or	Code
				No.	n	cation		Replacement	Stamped
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N/A

N/A

N/A

N/A

N/A

REPLACED

N/A REPLACEMENT

NO

NO

N/A

N/A

FASTENERS

FASTENERS

N/A

N/A

property damage or a loss of any kind arising from or connected with this inspection.

Joseph K Joseph Commissions Il 971

National Board, Black, Processor, and Forder

Other

Identi-

fication

N/A

**ORI 094-**

01595

Nominal Operating Pressure [ ]

Test Temp. 197

Year

Built

N/A

N/A

REPLACEMENT conforms to the rules of ASME Code, Section XI.

Expiration Date N/A

Repaired.

Replaced, or

Replacement

REPAIRED

REPLACEMENT

ASME

Code

Stamped (Yes or No)

NO

NO

1. Owner

2.Piant

3. Work Performed by

Name of

Component

MOV 1-2301-5

WEDGE

8. Tests Conducted: Hydrostatic [ ]

Certificate of Authorization No.

November

ASME Code, Section XI.

Date

We certify that the statements made in this report are correct and this

property damage or a loss of any kind arising from or connected with this inspection.

4. Identification of System

Identification of Components Repaired or Replaced, and Replacement Components

Mfrs. Ser.

No.

N/A

C3851

Pneumatic [ ]

Nat'l

Bd.

No.

N/A

N/A

pei

7. Description of Work REPLACE 1-2301-3 VALVE INTERNAL COMPONENTS, TESTING BY SYSTEM LEAKAGE TEST

CERTIFICATE OF COMPLIANCE

Signed J. R. Ford Maint Staff Date 11-15 1994

and the State of \_\_\_\_\_\_ in \_\_\_\_ inspected the \_\_\_\_\_\_ inspected inspect components described in this Owner's Report Guring the period 3-18-94 to 11-18-94, 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 the requirements of the

CERTIFICATE OF INSERVICE INSPECTION

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 Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or

COUNTRIBUTIONS at L 97/

Name of

Mfr.

CRANE

CRANE

Other [X] Pressure 1005

9. Remarks Applicable Code Data Reports are on file at Quad Cities Nuclear Power Station.

Type of Code Symbol Stamp N/A - ComEd 10CFR50 App B. O A Program

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors

N/A

DESCRIPTION OF THE PARTY OF	CONTRACTOR OF THE PARTY OF THE	MATERIAL PROPERTY AND PROPERTY OF THE PROPERTY	CHECKET A STATE OF THE STATE OF	STATE OF THE PARTY	SANCE AND COLUMN TO SANCE	X STATE OF THE PARTY AND PARTY AND PARTY.	WR# Q	90479
1. Owner	Commonwealt	h Edison		Dane	8/13/94		•	administration of the second
I. Owner	The second secon	Chicago, IL 6069	0	Sheet	1 of 1	1		
2.Plant	Ouad Cities N	uclear Power Stati	om	-			ComEd	
	The second secon	ve. North, Cordeva			**Watereland	Rapase Organica	sties P.O. No., Job No., etc.	
				Type C	ode Symbo	Stamp	N/A	
3. Work Pe		uad Cities Nuclear		-	ization No.		N/A	
	22710 206th A	ve. North, Cordovi	a, IL 61242	Expirat	ion Date		N/A	
		PROPERTY AT NEW	AT DEMONSAT	(GLEEGE				
4. Identific	ation of System	KESIDUAL DE	AT REMOVAL	(Better)				
		Code USAS B3		Edition	ARREST AND ADDRESS OF THE PARTY	Adde	nda NONE Code	ASC. NONE
(b) Applic	cable Edition of S	ection XI Utilized for	or Repairs or Repla	roements-	1989.			
6. Identificat	tion of Componer	ats Repaired or Repli	aced, and Replace	EMEZIE CORE	ponents			
Nev	me of	Name of	Mfrs. Ser.	Nat'l	Otive	Year	Repaired,	ASME
-	ponent	Mfr.	No.	Bd	Ident		Replaced, or	Code
				No.	fication	OID	Replacement	Stamped
				-				(Yes or No)
Y TWP 1 1	020B-1-1/2	N/A	N/A	N/A	N/A	N/A	REPAIRED	NO
ACCUSION AND DESCRIPTION OF THE PERSON OF TH	T WELD	N/A	N/A	N/A	ORM!	CONTRACTOR AND PERSONS AND PER	THE RESERVE ASSESSMENT AND ADDRESS OF THE PARTY OF THE PA	NO
	PLING				522	Access to the second second		
7. Descriptio	on of Work IN	STALLED SOCKE	T WELD COUP	LING OF	DISCHA	RGE LINE	OF 1-1001-125B REL	IEF VALVE
. Remarks		[X] Pressure	on file at Ouad (		lear Power	psi Station.	Test Temp. 80	°F
			CERTIFICATE	OF COM	PIIANCE	) · ·		
We certify the	t the statements me	de in this report are o		REPAIR			les of ASME Code, Section	n XI.
				desox on animpe				
Type of Cod	le Symbol Stamp		V/A - ComEd 10C	FR50 Ap	B. OA	Program		
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igned	9	1 Ford	J. R. Ford Ma	int Staff	Date	11	-/7 19	94
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	and the same of th	MANUFACTOR OF A CONTROL OF THE CONTR				ULANAMA TAN		
		CERT	TIFICATE OF IN	SERVIC	E INSPEC	TION		
		d commission issued b					Hartford, CT have inspe	ertarl the
							the that to the best of my kr	
							n accordance the requirement	
ASME Code,	Section XI.							
							noeming the examinations	
		r's Report. Furthermore kind arising from or or			employer st	hall be mable	in any manner for any pers	ower milana on
roperty dema	fine on a nose of serie	rano expend tross or co						
Dordon	K O. Inslee		Commissions	11971				
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me nove	meter 17	19 94						

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

1. Owner		ealth Edison zas, Chicago, IL 60690		Date	12/16/93 1 of 1		WR	007843
2.Plant	Ound Citie	s Nuclear Power Station		Unit	1			
		h Ave. North, Cordova,			Rapo		em Ed on P.O. No., Job No., etc	NAME OF THE OWNER, OF THE OWNER, OF THE OWNER, OF THE OWNER, OWNER, OWNER, OWNER, OWNER, OWNER, OWNER, OWNER,
3. Work Pe	rformed by 22710 2066	Quad Cities Nuclear S h Ave. North, Cordova,	tation	Authori	ode Symbol Str zation No. ion Date	ump !	WA WA	
4. Identifica	ation of Systes	m MAIN STRAM						
		tion Code ASME III f Section XI Utilized for 1	Repairs or Repl	_Edition_	1965 1989	Adden	daS-66_ Code Cas	. NONE
6. Identificati	ion of Compo	neats Repaired or Replace	ed, and Replace	ment Comp	oonents			
Nam Comp	oc of conent	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or
1-203-4D	STATE AND DESCRIPTION OF THE PARTY OF THE PARTY.	CONSOLIDATED	BK 7150	N/A	N/A	N/A	REPLACED	No) YES
1-203-4D	VALVE	CONSOLIDATED	BK 7155	N/A	N/A	N/A	REPLACEMENT	YES
4	the statements	made in this report are corre	RTIFICATE (	OF COMP REPLACI	LIANCE EMENT C	conforms to	the rules of ASME Cod	ie, Section XI.
Certificate of	Authorization	No	N/A		Expiration Da	te	N/A	
Signed	Owner, or Own	CF5" Desegners, Title	J. R. Ford Mair	nt. Staff	Date	12	- 5 19 5	74
		CERTIF	CATE OF IN	SERVICE	INSPECTION	V		
components desconline, the owner ASME Code, See Sy signing this onessures describ	cribed in this Or has performed ction XI. ertificate, neithed in this Own	lid commission issued by the and employed by Hartford owner's Report during the prexaminations and taken conter the inspector nor his emper's Report. Furthermore, not kind arising from or connection.	Steam Boller Increasures  Player makes any either the Inspect	described in warranty, en or nor his empection.	Insurance Ca. 12-19-94 n this Owner's B	and state t	artford, CT have inspect that to the best of my knowcordance the requirement	owledge and ats of the

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

	The second secon	alth Edison is, Chicago, IL 6069	•	Date Sheet Unit	7/26/94 1 of 1			WR# 151
2.Plant	The second secon	Nuclear Power Stati		Cauc			ComEd	
	22710 206th	Ave. North, Cordov	n, IL 61242		Rapi		sea P.O. No., Jeb No., etc.	ANTHERSONAL PROPERTY.
Work Per     Identifica		Quad Cities Nuclear Ave. North, Cerdov MAIN STEAM	Station a, IL 61242		de Symbol Str zation No. on Date		N/A N/A N/A	
5. (a) Applica (b) Applica	able Construction of	on Code <u>USAS R3</u> Section XI Utilized for	or Repairs or Repl	acements- 1	989	Adden	da <u>NONE</u> Code (	Case, NON
		ents Repaired or Repla	aced, and Replace	ment Comp	onents			
Nam Compo	onent	Name of Mfr.	Mfrs. Ser. No.	Nat'i Bd. No.	Other Identi- fication	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1-1301-1 PRESS	THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.	CRANE	N/A	N/A	N/A	N/A	REPAIRED	NO
RETAI	NING	CRANE	N/A	N/A	N/A	N/A	REPLACEMENT	NO
Tests Condu	ucted: Hydros	tatic [ ] Pr	neumatic [ ]	Nominal	Operating Pro	essaire [	YSTEM LEAKAGE  J  F	A.Borla.
	ucted: Hydros Other	tatic [ ] Pr	neumatic [ ]	Nominal psi	Operating Pro	197	1	ARRA
Remarks A	Other	tatic [ ] Pr [X] Pressure 1	pe file at Ouad C	Nominal psi	Operating Pro Test Temp. ar Power Star	essure [197	1	
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1. Owner	Commonwe	alth Edison as, Chicago, IL 6069		Date	9/1/94			
	72 W. ARRE	is, Cascage, IL 6069	•	Sheet	1 of 1			
2.Piant	Quad Cities	Nuclear Power Stati	ion	UMM	,	,	ComEd	
		Ave. North, Cordov			Rop	VANDOUS CONTRACTOR OF THE PARTY	tion P.O. No., Job No., etc.	no more activated from a
				Type Co	ede Symbol St	amp	N/A	
3. Work Per		Quad Cities Nuclear			zation No.		N/A	
	22710 206th	Ave. North, Cordov	n, IL 61242	Expirati	on Date		N/A	
4. Identifica	tion of System	CONTROL RO	D DRIVE, CRD	W 3 /80 11				
				A-9 (90-11	,			
5. (a) Applica	able Constructi	ion Code ASME S	ECTION III	_Edition_	1965	Adder	nda_ W 65 Code Car	E NONE
(b) Applica	able Edition of	Section XI Utilized for	or Repairs or Repl	acements-	282			**************************************
6. Identificati	on of Compon	ents Repaired or Repli	ared and Replace	ment Come				
	a compos	many a response on analysis	enna, eins magnena	ment comp	KARCERE			
Nam		Name of	Mfrs. Ser.	Nat1	Other	Year	Repaired,	ASME
Comp	onent	Mfr.	No.	Bd.	Identi-	Built	Replaced, or	Code
				No.	fication		Replacement	Stamped
								(Yes or
CR	UD	GE	554A	N/A	N/A	1968	REPLACED	No) YES
CR	EID	GE	573	N/A	Q01239	1968	REPLACEMENT	YES
. Tests Condi	ucted: Hydro Other		neumatic [ ]	Nomina Test Ter	Operating Pr	ressure of	( )	
Remarks A	Other Applicable Co	static [ ] P [X] Pressure _]  de Data Reports are  nade in this report are co	on file at Ouad C	Nomina Test Ter	Operating Proper 197  Ear Power State LIANCE	essure	rms to the rules of ASME	Code,
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8. Tests Condi	Symbol Stamp  Authorization  Owner or Flore  and, holding a val	static [ ] P [X] Pressure _]  de Data Reports are  nade in this report are co  No	on file at Ouad C CERTIFICATE ( Frect and this  I/A - ComEd 10C)  N/A  J. R. Ford Main  TFICATE OF DN  the National Board and Steam Boiler In  e period 3-3-	Nomina Test Ter Ities Nucle OF COMP REPLACI THE PROPERTY OF PROPER	Date  INSPECTIO	confo	N/A  /-3  19 9-	ted the
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8. Tests Condi	Other  Applicable Co  the statements in  Symbol Stamp  Authorization I  Owner or promote on this Or has performed action XI.	static [ ] P [X] Pressure	on file at Ouad Control of the National Board of Steam Boiler In corrective measures	Nomina Test Ter  Itties Nucle OF COMP REPLACI  MATERIAL STATE  SERVICE  of Boiler as  spection & FY to described in	Date  INSPECTIO  In Pressure Vest Intil Owner's latting Pressure Vest Intil Owner's latting Pressure Vest Intil Owner's latting Owner's lattin	conformation.  conformation.  conformation.  conformation.	N/A  /-3  19 9  Eartford CT have inspect that to the best of my knowcoordance the requirement	ted the wledge and its of the
We certify that the certificate of A components described, the owner SME Code, See y signing this of the certificate of the code, See y signing this of the certificate of the code, See y signing this of the certificate of the code, See y signing this of the certificate of the ce	Other  Applicable Co  the statements in  Symbol Stamp  Authorization I  Owner or gloss  ed, holding a val  Illinois arrived in this O  r has performed ection XI.  certificate, neith	static [ ] P [X] Pressure	on file at Ouad Control and this  I/A - ComEd 10C  N/A  L.R. Ford Main  TFICATE OF IN:  the National Board of Steam Boiler In a corrective measures  employer makes are semployer makes are	Nomina Test Ter  Itties Nucle OF COMP REPLACI  Init or replaces FRSO App  III. Staff  SERVICE of Boiler are spection & FY to described in	Date  Inspection	conformate  N  sel Inspect of E  and state Report in a	N/A  /-3  19 9-  interfered CT have inspect that to the best of my know accordance the requirement	ted the wledge and its of the
Remarks & Ve certify that the certificate of A igned the undersigned the undersigned the State of A imponents described, the owner SME Code, See y signing this consures described the state of the	Symbol Stamp  Authorization  Symbol Stamp  Authorization  Authorization  Authorization  This performed ction XI  certificate, neithed in this Owner  or has performed	de Data Reports are  de Data Reports are  de Data Report are co  nade in this report are co  No.  CERT  id commission issued by ad employed by Hartfo  waser's Report during the examinations and taken  er the inspector nor his cer's Report. Furthermore	on file at Ouad C CERTIFICATE ( WITHOUT AND THE COME OF THE CONTROL OF THE CON	Nomina Test Ter Ities Nucle OF COMP REPLACI  Test of replaces FR50 App  The Staff  SERVICE  of Boiler ar  spection & Fry to described in  warranty, e	Date  Inspection	conformate  N  sel Inspect of E  and state Report in a	N/A  /-3  19 9-	ted the wledge and its of the
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I. OF ALL	Соттоли	zalth Edison		Date	9/1/94		W	U 012857
		ms, Chicago, IL 6069	0	Sheet	1 of 1			
2.Plant	Quad Citie	s Naclear Power Stati	on	-	•	C	oen Ed	
	22710 2060	h Ave. North, Cordov	a, IL 61242		Kapa	e Organizatio	m P.O. No., Jeb No., etc.	
3. Work P	erformed by 22710 2066	Quad Cities Nuclear			de Symbol Sta zation No. on Date	N	1/A 1/A	
4. Identific	cation of Syste	m CONTROL RO	D DRIVE, CRD	N-8 (50-31)				
	•							
		tion CodeASMES of Section XI Utilized for	ASTRONOM CONTRACTOR OF THE PROPERTY OF THE PRO	Edition_ acements- ]	1965 989	Adden	ia. W 65 Code Ca	se_NONE
6. Identifica	ation of Compo	nents Repaired or Repl	sced, and Replace	ment Cosaș	onenis			
Na	ine of	Name of	Mfrs. Ser.	Nat'l	Other	Year	Repaired,	ASME
Com	ponent	Mfr.	No.	Bd.	Identi-	Built	Replaced, or	Code
				No.	fication		Replacement	Stamped (Yes or No)
AND DESCRIPTION OF THE PERSON NAMED IN	RD	GE	A4329	N/A	N/A	1983	REPLACED	YES
	CRD	GE	236	N/A	Q04199	1968	REPLACEMENT	YES
Section XI.	at the statement	s made in this report are o	CERTIFICATE orrect and this	REPLAC	EMENT		ms to the rules of ASME	Code,
	of Authorizatio		N/A	FRSO ADD	Expiration D		N/A	TARITAT SET TO SAID AND
Signed	Oversace or O	DIFON	J. R. Ford Ma	int Staff			1-3 199	5-
			THE REAL PROPERTY OF THE PARTY					
	NAMES AND DESCRIPTION OF STREET	CERT	TIFICATE OF IT	SERVICE	INSPECTIO	N	THE SECRET SHEET S	
								N NAMES CONTRACTOR OF THE PERSON OF THE PERS

					MANAGER AND STREET AND STREET	PARTODONIANE TRACE	WR# Q	12304
1. Owner	72 W. Adas	aith Edison as, Chicago, IL 60690		Date Sheet Unit	8/12/94 1 of 1			
2.Plant		Nuclear Power Statio				(	ComEd	
	22710 206th	Ave. North, Cordova	IL 61242		Rope	ie Organizat	iona P.O. No., Job No., etc.	Contraction of the last of the
3. Work P	erformed by 22710 206th	Quad Cities Nuclear Ave. North, Cordova,			de Symbol Sta cation No. on Date		N/A N/A N/A	
4. Identific	cation of System	RHR SERVICE	WATER SYSTE	M				
		ion Code USAS B31			N/A	Adden	da NONE Code C	asc_NO
		Section XI Utilized for sents Repaired or Replace						
Na	me of	Name of	Mfrs. Ser.	Nat'l	Other	Year	Repaired,	ASME
	ponent	Mfr.	No.	Bd. No.	Ideni- fication	Built	Replaced, or Replacement	Code Stampe (Yes o No)
DISCI	01-65D HARGE PING	UNKNOWN	N/A	N/A	N/A	N/A	REPAIRED	NO
	ITTINGS, ITING	N/A	N/A	N/A	N/A	N/A	REPLACEMENT	NO
	ducted: Hydro	EPI_ACE PIPE AND static [ ] Pn [ X ]Pressure	FITTINGS BY eumatic [ ] 145 p	Nominal	Operating Pro	cesure	D-12"-D. TEST BY V	IF3
Tests Con	ducted: Hydro Other	etatic [ ] Pn [ X ]Pressure de Data Reports are e	eumatic [ ] 145 p	Nominal i Test	Operating Pro Temp. 84 ar Power Sta	eggure	D-12"-D. TEST BY V	122
Tests Con	ducted: Hydro Other Applicable Co	etatic [ ] Pn [ X ]Pressure de Data Reports are e	eumatic [ ]  145 p  n file at Owad C  ERTIFICATE (	Nominal i Test	Operating Pro Temp. 84 ar Power Sta	essure   op tion.	D-12"-D, TEST BY V	
Tests Con Remarks e certify that	ducted: Hydro Other Applicable Co	etatic [ ] Pn [ X ]Pressure  de Data Reports are o	eumatic [ ]  145 p  En file at Owad C  ERTIFICATE ( rect and this ]	Nominal Test titles Nucle OF COMP REPLACE our or replaces	Operating Protein State Power State LIANCE MENT	tion.	]	
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Remarks c certify the type of Code crtificate of gned	Applicable Control of the statements in the statements in Authorization of	static [ ] Pro [ X ] Pressure	eumatic [ ]  145 p  146	Nominal Test Hites Nucle OF COMP REPLACE FRESO ADD  SERVICE OF Boiler and	Operating Processing P	ties.  conforms t	o the rules of ASME Code  N/A  9-23  19 2	Section 1
Remarks e certify that ype of Code ertificate of gned he undersign the State of	Applicable Control of the statements in the statements in the Symbol Stamp Authorization of Control	static [ ] Pro [ X ] Pressure	eumatic [ ]  145 p  e file at Owad C  ERTIFICATE ( rect and this	Nominal Test Ities Nucle OF COMPI REPLACE FRESO App  M. Staff SERVICE Of Boiler and RECTION & 1	Operating Processing P	ties.  conforms to the laspect of F	N/A  9-23  19 2  ors lartford, CT have inspec	ted the
Remarks  e certify that  ype of Code  crtificate of  gned  the undersign  d the State of  mponents des  iief, the own  ME Code, S	Applicable Co  the statements n  e Symbol Stamp  Authorization  Authorization  Milipols  acribed in this O  er has performed  ection XI	static [ ] Programme of [ X ] Pressure  de Data Reports are of the Data Reports are of the Data Reports are of the Data Report are continued in this report are continued in Domigation, Title  CKRTI  ind commission issued by the commission and taken of the examinations and taken of the commission and taken of the commissions and taken	ERTIFICATE OF INC.  N/A  J. R. Ford Main  FICATE OF INC.  the Netional Board of Steam Bother Inc.  period 3-5- corrective and sures	Nominal i Test titles Nucle OF COMP REPLACE NOT POPULACE TRESO App  IL Staff SERVICE of Boiler and spection 4 1 -94 to described in	Operating Processing P	ties.  conforms to the sel inspect of F, and state Report in a	N/A  9-23  19 2  ors  lartford, CT have inspecting to the best of any known occurdance the requirement	ted the whedge and
Remarks  Tests Con  Remarks  Te certify the  ype of Cod  crificate of  gned  the undersign  the undersign  the State of  mponents des  lief, the own  ME Code, S  signing this  assures descri	Applicable Control of the statements in the statements in the Symbol Stamp Authorization of Authorization of Illinois as acribed in this Owner has performed lection XI certificate, neithfibed in this Owner of O	static [ ] Pro [ X ] Pressure	eumatic [ ]  145 pa  146 pa  146 pa  156 pa  166 pa  1	Nominal i Test titles Nucle OF COMP REPLACE or or replaces FRSO App  It staff  SERVICE of Boiler an exection & 1 -94 to described in warranty, as	Operating Processor State  LIANCE MENT  B. OA Processor Date  Expiration Date  INSPECTION  Pressure Vess  Active Contract of this Owner's I	ties.  conforms to the sel laspect of F. and state Report in a	N/A  9-23  19 2  ors  lartford, CT have inspecting to the best of my known occurrence the requirement	ted the whodge and
Remarks  Te certify the  Type of Code  ertificate of  gned  the undersign  the undersign  the State of  incl., the own  IME Code, S  signing this  asures descri	Applicable Control of the statements in the statements in the Symbol Stamp Authorization of Authorization of Illinois as acribed in this Owner has performed lection XI certificate, neithfibed in this Owner of O	static [ ] Pro [ X ] Pressure	eumatic [ ]  145 pa  146 pa  156 pa  166 pa  1	Nominal i Test titles Nucle OF COMP REPLACE ME or replaces TR50 App  III. staff  SERVICE of Boiler and described in warranty, es or nor his en pection.	Operating Processor State  LIANCE MENT  B. OA Processor Date  Expiration Date  INSPECTION  Pressure Vess  Active Contract of this Owner's I	ties.  conforms to the sel laspect of F. and state Report in a biode conce hisble in a selection of the sele	N/A  9-23  19 2  ors  lartford, CT have inspecting to the best of my known occurrence the requirement	ted the whodge and the of the

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

1. Owner	Common ver	alth Edison s, Chicago, IL 60690		Date	9/1/94		WR# Q	11283
	/2 W. At Em	s, Chicago, IL 00099	,	Sheet	1 of 1			
2.Plant		Nuclear Power Statis Ave. North, Cordova		Out			omEd	
	22/10/2001	AVC. NOTVA, COPDOVA	, IL 61242	-			see P.O. No., Job No., etc.	
3. Work Pe	erformed by 22710 206th	Quad Cities Nuclear Ave. North, Cordova	Station , IL 61242	Authori	ode Symbol Si ization No. ion Date		N/A N/A	
4. Identifica	ation of System	CONTROL ROL	DRIVE (CRD)					
5. (a) Applic (b) Applic	able Construction of	on Code A Tone Si Section XI Utilized fo	CCTION III  Repairs or Repla	_Edition,	65 1989.	Adden	da, W°64 Code Ca	se, 1361
		nts Repaired or Repla						
Nan	ne of	Name of	Mfrs. Ser.	Nat'l	Other	Year	Repaired,	100
Comp	onent	Mfr.	No.	Bd.	Identi-	Built	Replaced, or	ASME Code
				No.	fication		Replacement	Stamped (Yes or No)
CF	PARTY OF THE PARTY	GE	463	N/A	N/A	1968	REPLACED	YES
CF	CD	GE	A8730	N/A	NWR# Q06349	1989	REPLACEMENT	YES
	PARTICIPATION OF THE PARTICIPA	le Data Reports are of	CERTIFICATE (		PLIANCE	Control de la constante de la	a the miles of A FA CC C - 4	
		N/	teb	er or replace	TRACKE!		the rules of ASME Code	t, Section XI.
	Authorization N		N/A					Company of the Compan
Signed	0	n = 1			Expiration D	-	N/A	NO. AND ADDRESS OF THE PARTY OF
31B100	Owner or Orbital	's Designee, Tabe	J. R. Ford Main	ni. Staff	_Date		<u>- / 9</u> 19 <u>9</u>	5
		CERTI	FICATE OF IN	SERVICE	INSPECTIO	N		
, the undersigne	ed, holding a vali	d commission issued by	the National Board	of Boiler a	ad D			
man man manufact my	Allierotti , etti	a cmpioved by Piartion	d Steam Roller In	emantina &	X	- A - W-	Contract of the contract of th	and the
ASME Code, Se	ection XI.		corrective measures	described i	a this Owner's	Report in a	coordance the requiremen	its of the
y signing this c	certificate, neithe	or the inspector nor his e	mployer makes any	warranty, e	expressed or im-	plied error	ming the examinations a	nd commetium
		r's Report. Furthermore, kind arising from or com			mployer shall b	e liable in	rning the examinations as my manner for any person	al injury or
Hordon	K Bost	en	Commissions 2	17971				
rate Janu	cary 2	3 19 95		Network Bearing	l, Blacks, Provinces, and S	Andrewspoorsts		

6.0 INSPECTED IDNS VESSELS

# Quad-Cities Nuclear Power Station Boilers and Pressure Vessels

## inspected IDNS Vessels

MEMBERS TARK MEDER IN	-	SXX	1	- BIN-191812100	SWECO	NON REGRN NT EXCHA	SAV'AR	10,44		6150E3-BIT
N NON-REGION HEAT EXCHANGE	-	MERE	160	O#12129483 -HIS	SWECO	MON REGEN HT EXCHO	MESSA	418483		ME88838
N PROH-REGION HEAT EXCHANGE	-	MEX.E	1166	Q822120481-H15-	амесо	DACKS LK REDSE MON		1981.0		/T888.8n
BRINNING LYBI NABBAHON IN		MXE	1440	- BIN- EWREL 2780	BWECO	W A REGEN HT EXCHO		28781.9		DE STORES M
H WOH REGEN HEAT EXCHANGE	•	MALE	£	CHH-1 VY463,2340	SOUTHWEST	WEAT EXCHANGES		478493		NE 139621 GU
H AME TANK		. PEX.88	£	NA	AN E COMP	13/34-96 JOHN TANAN	13/24/86	12/24/83		CR 984448
N AND TANK	1	***XX4**	E	· ·	M E CORP	TEGRAN SAR TANK	PRINCE	12/34/41		V9 195947
N JURY TANK		.FCX.60	ž	NA.	M E COMP	SEPHINE ART TANK	22/2496	13/24/6/1		DECES 87
H AME TANK		,NCX.89	E	WA	M E COMP	18/24/06 JASK TANK	58/4E/E3	12/24/63		Been an
SAVI MY		. JER. 88	*	WA	M E CORP	STAND ANT TANK	13/24/08	13/34/82		P10001.01
H AND TANK	-	, MX.80	£	NA	M E CONS	ASK TAMES	\$676/23	SEPTORES		CHARGE BY
N AME TANK		, PEL. 80	E	*	M E COMP	AUR TAUR	22/24/96	2876/53		Theres an
H AND TANK	-	987.69	*	N/A	M E COMP	AR TANK	12/24/86	12/34/62		199888
N PAR MERSON IN			E	Q8025773C—816-	CLAYTON	BTN GEN	9572.9	9/23/84	28.288	50000004
Y HEACTOR WESSEL USET THE	-		É		B 4 W	BEACLEAR REACTOR	96/5/2	PERIA		94974449
Y SEACTOR WESSEL USET ON	-		1580	- 1454Z140	※ 本本	MACLEAR REACTOR	PRIBLE	7/18494		9997,9998
N PER POR SWITTER N		144 - 2040	25	Q64287738819-	M * W	HEATTHO BOX ER	PAPERS	ENSE/BS	22710	8667 7988
R IN THE SELVEN GOVERNOR HE WAS IN	·		£	AN	WEE SEEL S	CHARRISHED CHARLES	94/91/9	94.594.9	E1 94CE	20669671
N OR ASSUBED WATER HEATEN			2	*	SASSESSETO	OLASSI MED		6/16/64	D MCI	8888904
V METRON MALVANE IN	,	160 - 2046	•	G86Z8771A 919-		PER ATTHON BOOLER	11/2/84	584783	34492	2000000
SHAW HATE	CLASS 8	SIZE	SERIAL BON	ED NOS	MANUFACTURER	DESCRIPTION	NEXT	LAST	BOARD	No

UN 138043 3/2393											191258 NETS	CONTENT CONSESSED	M 139538 372393	123637 372584	PRESE DEBES N	Letter states	28-91-P P18403 8F1	TENTA CONTRACTOR	UB 128033 ST 878453	100010	COURTY SCHOOL STREET GO	NATL
SAFERE S	-	SMITZA 8	PATEN C	PREZE C	9 223/96	-	-	S YZZAG	BOCEN 6	DAYESTE C	3 NETAR	BENZIE 6	BATTA 8	3 3/23/86	BEEER 9	PRITZA S	5 418/86	96751.9	9678.75 0	BENRA E	13 4/15/36	
	MOMETURE SEPARATOR	T P MEN	L P KTR	2 2 2 2 2	S. P. HTR DRW CLR	THE	T P MIN	HTR FLASH THK	L P HTR DRAIN CLR	T & HILK	E P ATR	HTR FLASH THAK	I PHIR DRABICLE	P P HEM	TARIN	HTR FLASH THA	NON REGEN HT EXCHO	NON REGEN HT EXCHO	NON REGEN HT EXCHO	WOW RECEN HT EXCHO	6 PACH REGEN HT EXCHO	DESCRIPTION
The second secon	CESTMEN	MBUY	MBUY	PUBLA	YUBA	YUBA	YUBA	YUBA	YUBA	MENT	NEW	YUBA	MBA	MBNA	VEN	NEW	COSMA	awaco	SWECO	SWECO	SWECO	MANUFACTURER
-	Q8223496A 415	G#223 154 SCS 4145-	O8221104-3C1-H184	- 194 105 1418 Tanan	WHITE EN 12380	G8121101-2A3-H18-	THIFTER THEITED	-941-CAS-988-5259D	- THE THE EMISSING	-SIN EVE-181 6.22569	-81H TBE 12N 52280	-961-EVE-1931-E280	THE IVE SHIEZER	-814: VS-1812280	-#H-182-141 (2730)	-901-1VE-9916228D	-HH18181/2190	0982138382-HIS-	-91H-14E801Z39D	0822 1383A3 -H16	G822 1281A3-H18-	ESD NO#
		04-H-148-HC	95-18 EW 180	96 H-1 NP 3A		02.H-118-1C		23.81.318.7C	1	8 - 12 C + 10 80	1	88.H-219.78	1	1	1	88-H-318-7A	1	1	1	1		SERIAL
	ž	\$	â	8	ŝ	4	468	8		ŧ	*	8	188	8	*	8	Ě	16	1488	E .		HAWP
. VEA. 8 00	MELFE	483.6	-07.75	ATTA	86X.8.9	.MX.6	MILE	. M.X.E	MEX.A.S	955.0	MX	M123	ARX.A.S	PEX.8	MIX.9	AKK.	.mx.r	38.82	.85 X.8	.BE E.2	.81 K.E	SIZE
	•	1	•		•		-		-	-	-	1	1	-	-	-	1	1	1	-		CLASS
A SAME TO SERVICE AND A SAME TO SERVICE AND ASSAULT AN	W MOLETINES SEMESTATION OF	ECH MALYZN MATREBAN MOT IN	N LOW PRESSURE HEATER ACS	N LOW PRESSURE NEATEN ACS	N SHEATER DRAM COOLER SAS	N A DW PRESSURE HEATER SAS	TO KELYEN PRINCESSA MOT N	H PEATER PLASH TANK SAS	N SEATER DRAW COCKER MA	H LOW PRESSURE MEATER SAL	N ILOW PRESENTING HEATER MO. II	N BEATER PLASH TANK SAL	N PREATER SRAIN COOLEN SA'	I AL MELVER BRITSTERS MOT R	HE MEY DATHE BANK MOT IN	N BREATTER PLASH TANK SAT	N PROMINEAT EXCHANGER	N PERCENTRAT EXCHANGES	MEGHNACHE LYZH KROEM R	NEGRA STATE LYBE NEGRAEN	REGEN H	ITEM NAME

***************************************	04.075.08T	B1222.80	18139573	2.09E1.00		UE (3607+	0788E3 BM	126 (365)00	BROWEREN	Cheres en	9898E180	UNIVERSE	1	1000000	UB (30062	1,868(147)	R94415 BT	U813867	C0005180	W9138666	UB 138964	tases: on	T968518m	No
		MUM	62944	62548				BRCH	64389			86797			-				and Venneman Constitution					BOARD
Paraere		24842	873464	82494	075300	Disease	6/12/63	2/3/83	13982	0.00000	Pauses Pauses	2000	COLLIN			826403	28v2v	W2 W82	2/24/92	State Co.	BANKE	SBKEK	12183	LAST
\$678Z/E		1	SHEETS	LOUZZE.	9071.0		Berting	VZ8/96	DEFECT	1	Berren	90/11/8	96/3/8	-		SEVER	32180	12174	SANEZE	2/24/95	PEREN	MATZIE	MAKENE	WEXT
WHEN HEAT EXCHANGER	ANNE ANN THE SERVICE	STATE STATE OF THE	OFFGAA COOLERICIAD	OFF GAS COOLENCOMD	MAL NOOF 1874		STATE BY WASHINGTON	OFF GAS COMPENSOR	Mai viscos and a	A LANGE AND A SECOND SE	CATALYTIC MECOMMER	PURE POOL HT EXCH	PURT MOOT HIL EXICH	ACAM LOSS BYTHE GOOD PARE	San Porch	SEACION NO CONTRACT	NOKE AVE	SAT EXCM	PREFIGURATION LINE	-	_	MOISTURE SEPARATOR	MOTARAGE SEPARATOR	DESCRIPTION
SWECO	BALACCO		200 E 10 FOT	ORN ELECT	TWAYTERS	TWANTER	anaco.	LOSTIS MERCA	OEM ELECT	and the co	MECO	SMECO	SWECO	MENT	TUBA	TORA A	-		1	100			PERMESS TO THE PERMENT	MAMIFACTINGS
- 116 - VESSE 2280	OH 12 1964 - 4.A () 19-	-91.H		G8125490A - H18-	45.0 BP 1985, 2280	092Z 8944-44 D19-	083Z9487B—H19-	THE VBBPSZEED	OR12540480 - 1916-	O#1264H## - #1#	G6223498A ₹19-	TH - BEENS 238D	-B18 - V5883 2180	-BEH	G#8237988H184-	-94H - VT896ZT895	-#H	-84H-103F-96s 522389	-81.H-102-904.CZ7840	-SIN-1CE-6M127269	-21.0 COOKER 27985	4	+	
											-												MON	SERIAL
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.65X.9	#K.t	. SK.2	-	.m.	27.6	32.0	AN EL	.874.84	.A.77.30	SEE L.	.ACX. E.	2882	.85 X.8	SEX.AL	SEX.At	367.95	367085	79%4"	7624"	PEXA:	- SEX.03	187 EL	375	
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10 MAZINEN	-	18187366 S								190,000	18473HB1	1 995,881651	1 PRE281-87	1095,461,467						27.755 an	12700100	
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SWEN	823/87	8/23/87	2342	8/21/87		1812/8	LOUESA	8/23/97	8/23/87	SEREN	965 ER	BANES	96/15/15	35156	BRITE	847.1/B	MINER	PRITTE	842.198	988 E/9	96/82/E	DATE NEXT NAP
CHARICOAL ADMORBER	CHARCOAL ADSCREEN	CHARCOAL ADBORBER	CHARCOAL ADSORBER	CHARCOAL ADBORSER	CHARCOAL ADSONBER	CHARCOAL ADBORBER	CHARCOAL ADBORBER	CHARCOAL ADSORBER	CHARCOAL ADBORBER	CHARCOAL ADSORBER	COMBENIATE DEMINER	COMPENSATE DEMMER	COMMENSATE DESINGER	CONDENSATE DEMBER	CCMBENSATE DEMMER	MENDERS RESCONTING	COMMENSATE DENSM	COMDENSATE DEMIN	BLX WITH CLEAN UP	RX WIR CLEAN UP	RUSES NEAT EXCHANGER	DESCRIPTION
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09225453K A44	-967 (1519528B)	987 - 181 142180	OR121413H AS4	OS1284130 AGE	THE WINTED	O6824413E - A84	G8528413D - A66	-1997 - 3151 M22 RBD	- PRY - SELMITTED	084714413A ASS	G832849 1E - D19-	-410 - GB 695228D	-4:0-3:000 Desized	O#2788418 - 019-	O#225641A - 010-	Q26Z3706706-	-410 - 01 MEZEO	410 -41 658228D	-94-0-48-046-046-	-MG-W-82812890	THE BESKITTED	FON QIE
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SECTION INCOMENTS 310 SEC. IN	N OFF SAS CHARGOSS ADSONE	N 1079 GAS CHARCOAL ADSORB	N OFF SAS CHARCON, ADSONS	N OFF GAS CHARCOM, ADSONG	M OUR BYR CHANGON YORKING	N OFF CAS CHARCOAL ADSORD	N OFF GAS CHARCOAL ADSORB	H IOFF GAS CHARCOAL ADSORB	N 1097 GAS CHARCOAL ADSONS	H OFF BAS CHARGOAL ADSCRE	N COMPENSATE DEMOSPRALITER	N COMMENSATE SENSESSALVER	MAZINYABING ALVERGONOO N	NATITIVE SERVICE SAVANCES IN	N CONDENSATE DESIGNALUES	WITHOUGH TANK	H CONSENSATE SEMBERALIZES	N COMMENSATE DESIGNATION	H CLEANAP PLIER DENN SS	N CLEAN OF PLANTS OF MAN IA	V REST HEAT EXCHANGER	ITEM NAME

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63869	PEACEL	100000			BARBLA	95/92/9	6/28/5/6		43488	42488	4/34/96	42483	42488	86525		4	5	-	1	94/2/16	96/21/6	18/12/0	NEXT
AM RECENER	SCW HT EXCM	COM MI ENC M		88 MO CON 80	SET ON COOLER	BET OIL COOLER	SET OS COCLER	AR TX	COND DEMM TK	COMED DECREEM TIX	COMD DEMN TH	COND DENSE TH	COMB DEMAN TK	COMD DESIGN TIX	COMPANY OF SHAPE	TO THE PERSON NAMED IN COLUMN 1	ATO THE CALL	MAN STATE SELE	ONE STATE OF SERVICE	TO TEAMS JET AND ELEC	COPPGAS CONSTENSER	CHARCOAL ADSORBER	DESCRIPTION
38 W CO	MANA	NABA .	AND MINES		Auga ara	AMER STD	AMER STD	BYABOTAMK	BACKSANAK SEEG	E-SET MERVIORS	D-SM XMMMORE	D-SW MANNONE	DAM MANNENSE	B-67 SHAPACHE	Dafel percentane	COMME	Broadman	BOHMON	TOSKRON	TYOSKSOM	OEN ELECY	STEARNS RO	MANUFACTURER
THE VEHILLE	Q81238428 -N16-	-9114-VZ88EZ318ED	THE WIP SEESZIED	-613-616-201671.05		-PH-31-18782180	-91.H-Ch 9:28523:40	G81247918—784	-81.0 - 31.898.21.60	-81 Q	O#125691A - 016-	-81.Q - QS 689.23 6D	-84.0 - 3H 699.23.40	-84G81682185)	- CH - DA 400 Z3 #2	-Bei ERRYZEW)	ON 12 SERVED 10.	181 E to 780	OR: 24 V.18 - E94-	-563- V1614'.280	-91 H - V LP / 52280	G8326458L-A04-	EID NO4
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COUTIANCEST	BOUTHWEST	ROUTHWEST	183MHUTOR		MARKON CO	MARSEOW CO	MARRIAGE CO	MAARSON CO	SAMMAN	WORRESTRONG	HYDRIGHT	SOUTHWEST	18368/TWO	Merr	Man	NEW	G WENDERD	CARDADA D	O KENCOPPO	GANGGREN D	18 W CO	BE WCO	MANUFACTURER
-\$14-1 VESES 21 80	- BEREIZ: 80	-917 - BERRI 2140	O# 12 1993 A - H16-	-041-P-0040700F	00072400 0 704	- 141 - 144 1246D	-941-1-005200C	Can76386-1-786.	-181-1982396D	CHAIRS IN DRIVERO	C0124707 134	-81.H - BC581,21.60	-11.H - VT886.23.670	- 1116 - 19412.00D	TSH - SEALEZI 470	99123792A - H18-	- DRIA DRIME ZI NO	Q91Z4886CTSA-	CD 1Z44988_THE	-943.—V96092160	Q9124791—T96	-961 82899Z140	RON GES
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27.55	. M.K.E	. 94 X.E	38.8.2	AEXA		.0KX.8	SKX"B	SKR	ASX.P.	87.8K	JAM	*C.5%.96	0.E.BX.95	.88%.8	.9%.E	SEX.S.1	92.8	SILE	37.6	.5X.2	25 X. 8.9	38.K.9	3738
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Management of the second	H MEGREN HEAT EXCHANGER	H FUEL POX HEAT EXCHANGER	W PUEL POOL HEAT EXCHANGER	M BYTOROGEN STORAGE TANK	Special Sentence of Linear	MALE SELECTE RECEDENCY	MANY ROWNOLS NEGOTICALE IN	MAN BONNO B MEDCHOLAND	N API FAM WASTE WATER OLD	TANK	N SOLVENETT BARL YOU WECGAME	NAME NEVAL EXCHANGES	MACHINES LYBH BISHE A	H RX 9LDQ CCW HEAT EX SVQ	M MA SALDO COM HEAT EX 48	H RX SLDG OCH HEAT EX SA	N DREAM, AND START RECENT	N DIESEL ARI START RECEIVE	N DRESEL AN START RECENE	N SHEARS AND START RECENSE	N SHETSHAZZHT AM RECENTA	M SERVICE AND COMP RECENT	TEM MANGE

No No	NATL	LAST HAST	NEXT NEXT	DESCRIPTION NEGEN HX	MANUFACTURER	FIO HOW	NOS	MAWP	500	3778	IZE CLASS ISI
- CE 193220		200.00	478484	же марам	SOUTHWEST	-9117-1242017-H18-		- 1	160	-	.98X.E
182281		SALAS	BENEZIS	ACCIEN HX	SOUTHWEST	-BIN-5966512160		-	160	,81 X.8 6994	+
(10193392		EN.M.	SPRC.)	REGEN HX	SOUTHWEST	CH121383A3 -H15		-	166	.51 KE	+
18222180		281.0	478478	REGEN HX	SCATHANEST	**************************************		-	150	SAKE 6861	+
W 193384		Bana	43656	NA NEBESKI NOW	BOUTHWEST	G812 (394A 5-3158-	1	+	-	AEK.E BEN	+
SECTERAN		84483	Met.	NA NEGEN HX	BOUTHWEST	-BH-1894012140	1	4	T-SEE	AFLE BOT	+
DESTRUCTOR		Benne	96/96/9	NON REGEN HX	BOUTHWEST	G8121384A2-H19		1	160	AEX 6614	+
UB 183287		Sea.re	96/19679	SHOW SECURIN HIX	SOUTHWEST	**************************************		1	1684	ACLE 6001	+
BEECH BY		PBFEP	98/96/9	MOSTURE SEPARATOR	MENTER	GE 528486A 8 18-	- 1	1	8	MX.44 000	+
- CHESTER		42242	serec.	BOTARASS SEUTEON	BESTREEA	-\$18-8999214O		1	*	PEX.8.46 695	+
ARETER OF		4/22/92	\$98CF	MORTURE SEPARATOR	\$55.M(554	Q8123488C \$18-	-	1	324	JEX.A.65 868	+
1.62090.00		1841.0	4/36/86	NOTANASS SMITSION	PER TRESA	09123488D - 415	- 1	1	*	PEX.A.85 668	+
DRIBBON		888279	BENES	MA NEVER SAW	BOMEN	OB125686A-765	-	4	*	SELAC OR	+
fatteren		8812.0	997857	DAR DRAM TK	ZORRAN	ON 175-9888 786-		4	£	MILAE DES	+
Stittle.		42282	63869	EP NTR DRAIN COOLER	YABLY	39123182-1A1-H18-	-	4	8	986 WW 7357	. AST., 1916 999
cettes en		2548.19	967579	LP HTR DRAIN COOLER	TUEL	O#123188-142-N16-		4	2	ATLAN PEP	+
PEEE8847		26/8//9	8/28/85	LP HTR DRAM COOLER	YUBA	Q\$123192-1A3-915		1	\$	SELAS 600	+
9EEE8480		1872.09	SEMECH	LP FW HTR	WENTA	**************************************		_	8	- MEX.5 - 099	+
Settes an		BATER	PERSON	LP FW HTR	YUBA	OB123191-1A2-N18-	- 1	1	**	MX9 689	466 6X34" .
UB 133337		42142	67869	LP FW NTR	THE STATE OF THE S	GB123101-1A3-H16-		4	8	MX.8 689	+
BETTER		842383	987579	FLASH TK	TUBA	Q9123186-1A1-706-		+	8	ANYS 68	+
SEEE OF STREET		8/13/82	8/36/86	ALWRY14	Many	GB123186-LA1-TH6-		+	8	+	

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GE-SHIPARTS	NTEASO, AO	CH BINNATE	C.G. BRIGARATE		BTEARS RO	PROCESS	OEN BLECT	GEN ELECY	PECO	ADS 30%	GEN SLECT	DEW ELECT	RECO	TXXBERGME	TROSMEDME	MBNA	Manuel	Many	YUBA	MUBA	THE A	YUBA	MANUFACTURER
C91254132 464.	Q41254135 A86	GB 123419C _ ASS	987 - 881 1421 60		OB125413A ASS	OH 12 HOUSE OF 18	C#1254978-H16	G1234668 - H14	G#1764488 - R19-	G9125495A - 898	OB125087A H95	G#129496A - H195	CB 128486A - R19-	- 562 - Si 89521.60	-982 VI.989218D	09123194-1C3-H18-	G8123194-1C2-H18-	CD123184-1C1-H16-	OH 123 HS - 1887 HSO	-811-281-481-23-8D	-811-181-181-180-181-181-181-181-181-181	-141-TVI -141-E160	NON GES
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N 1099 GAS CHARCOM ADSONS	H OFF GAS CHARCOM ADRONS	N OFF BAS CHARCOST ASSCRIB	BI ONE BY CHAP CHAP COST YOURS	A CAL BACK CARDINGS WINCOME	MECANI INCOMES STATE	NOTARES RETAIN DAY THOU IN	N OFF OAL COMORMEN	N OFF GAS PER JEATER AS	N CATALYTIC RECOMMENCE OF	N OFF GAS WATER SEPERATOR	N OFF GAS CONDESSEN	N OFF-BAS PRE-NEATER SA	N CATALYTIC RECOMBINER SA	H STEAM JET AN EJECTOR	N STEAM JET AIR EJECTOR	N LOW PRESSURE HEATER ACT	H LOW PRESSURE HEATER FCS	N LOW PRESSURE HEATER ACT	N LOW PRESUNE VESSEL NO	N LOW PARESHARE HEATER AND I	H LOW PRESSURE HEATER 491	H HEATER FLASH TANK SAS	ITEM MAHE

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1/2 MBH ZVI	76/EER			SCHELTS	60809	4/2 VOS		1		-	1 "	- "	985.279	94A E79	112 NES	944.279	961 C/9	943.278	961.59	348.298	96/12/9	901.24	MEXT
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AMER 870	ARROW TARK	ATUA	PARTIES.		BATTEN	MENA	MBUY	TUBA	EXPRESES	BYR-WYRENCE	CARPANA BUS	STIS WINESTED	A02 20%	APS 2084	BECHNICAD.	Car Breake 2. s.	DR-SHEWSTE	STEAMS AD	CR SHAWEL B	ON SHINY31S	STEATHS SO	CR-SHRW318	MANUFACTURER
- TH-EN-PRESZES	O942447-TH	G8823913494-F16-	-BIN-Beek AAGZESD		-SHIP VIN AAOZEED	-811-101-161 (Z1 60	-\$5H-EGS-98H EZ3 6D	**************************************	S93254 168 - R 16-	G#228418A - #18.	Q125499 R15	Q91284WA - R15	-91 E- BM M5314D	-818 - V9152318D	-MI-WHZ160	O#125413E A#4	G#125413K - A36-	- 1817 - TELMZ140	C#1284131 A04	G8128413H A64	G9129619G - A66-	C81284135 - 344	FON DES
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-40 K.E	4X16		2.5'X8'	-	28787		ACCE	4X76	3.77.2	2.X4.5	274.5	£34.8	.40%	-800.1		MER. 9	9536	.MX.8	.952.9	.MX.9	350.5	.9EX.9	37J8
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M SAN GRY OF COOR SE	M ARR BLARGE BACKVISASH TANK	H SPARE FLOOR DRAW FILTER	M PRECH RECEIVER	or and the same of	SOAI MECHANISM	DOW MELEVAN SMETCH SOME HOME A	N DOGH PRESSURE NEATER ADD	N SECH PRESSURE NEATER ADS	N OFF SAS SEYCOL CHEEDS	N COPP GAS GLYCOL CHELLER	N OFF SAS SE YEST CHELES	N OFF SAS OL YOOK CHILLER	N OFF GAS BOSST BEFERATOR	N OFF GAS MOST SEPERATOR	N COPF GALE PRESENT DELLEN TANK	N CHE SAS CHARCON ADSORT	H OFF GAS CHANCOAL ADBOND	N OFF BAS CHANCOM ASSOR	N OFF GAS CHARCOAL ADSOR	N OFF GAS CHARGON, ADSORD	N OFF SAS CHARCOM ADV.	N OFF GAS CHARCOAL ADGORS	ITEM NAME

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8 1695/8 8 1695/8 8 1695/8 2 2898/2			++-	+-	-	ļ	HOTELS A	-	-	-	-	-	_	ESTER	2811.275	errena.	-	-	+	+	5 1	+	-
	BATTAR P		_	STEEN N	2/28/96	967E27E								BON EVE	985 275			-			1	1	DATE
POSSO A S 1434 TO S A SEA	WESS DRAW TANK	OFFGAS SOORT SEP		OFFIGAS MICES SEE	OFFGAS PREFETER	CHTGAS PREFIT TER	AN IX	WE MEN	AME TX	AND THE	AUR TH	CHAMBER DIP CONTROL	CHI STO THK	N. B.	N1 MA	THE COCY EN	ANT THAX	SA CAT COOLEN	3		ON COOLEN	AM IN	DESCRIPTION
BOOK BOOK TO THE	<b>РИСНИКОМО</b>	PROCESS	862-3134		CVICOR	C A I COMP	G REMONALD	CARCINER D	O ) SHOWEN	G Laware	- No. 100	SEANCHESTER	CARDOX	O WENDENCO	PERSON	AMER STD	G NEWGARD	AMER STO	PERMICO	GARDINES O	ASSER STO	G-MERCHAND	MANUFACTURER
Car 7 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	G#275414-796-	O81764 1981 - \$16.	-918- VBA.05228D		G82784138 - 5 M.	Q8228413A F19.	G86746980796-	-161	Q81Z48590_T44.	G92244998 T86-	-382.4787786-	-947 C97825962	-941148/Z86D	G88Z4686A T86	G68Z4961—765.	-98.H-GR-1989.238D	O9224449C-T94-	Q8228262-61C-H16-	G#174791—764-	-\$41_V68697_199-	SHEVIS CARRESERS	Q9624626CT06-	EID NOW
					-		.478	1985	HSBBEH	PERCH	1	T	1	T	1	T							SERIAL NOS
	736	ž	386	-	1	*	1	H	H	22	*	2	E	20	2	ž	Me	2	121	230	ž		MAMP
	SK.A.	-8.07.5	AEX.	***	1820	.82.8	17.03	SXX	SX.E	33.5	MXE	.5K.9	23.2.0	93.6	.88 X.8	BKE	6X3	ZSX.2	42"X10"	37.5	DXI	30.W	SIZE
-		-	20		Ţ	-	-	1	1	1	1	1	T	1	1	1	1	1	-			-	CLASS
F	# O	æ.	N 0	8		N O	8	E	22	× 6	2	E	E	E	=	=	2	E	8	2	E	- Description	Z
	H COPP DATA PRESS DELAW TANK	H OFF GAS MOSS T SEPERATOR	N OFF GAS MORT REPERATOR	BE MELL THE BANK PAYS ALCO		N OFF GAS PRE-FE TEN	H SIMESEL AND START MECENER	H DESEL AIR START RECEIVER	N ENEGEL ARE START RECEIVER	H DECAM AN START MECENER	N DATYWELL BUST AND RECEIVED	N CAN TORUM DAS RECEIVED	N CANDOX STORAGE TANK	N DESEL AN START RECENT	REPROPER AND COMP REC THAT	M MAG MET OIL COOLER	N COMPANY AND STANT PROCESSES	N MG SET OIL COOLER	M SHELMINGERT WIN PROCESSES	N DESET AN START NECENE	H MG SET ON COOLER	N DESEL AIR START RECEIVE	ITEM NAME

M21189	96996780	MERCEN	125 Letter	16116580	mes i econ	mes10890	M8284 987	981 Lessen	PERIOREN	conses en	CESSS 60	1 transit en	- NE EBBS1 BC)	TE 1848/31	BESSES SET	Na 186927	PESSON OF	120051 011	928361 BT	DE 8981 BU	N 6881 80	STATE
	15771	28104	3627	282.638						200	387	386	296	62947	994619	â	2	43944	43949	43961	760	NATL
\$150.04	CUIDING.	teres.re	8/22/84	281.23	SBSEA	645349	891.279	885.49	25250	24.02	1996	191141	EBREASE	8412482	satin	12/13/82	28/81/13	PRIZIE	8/3/84	9669	3/29/42	LAST
1115/2000	0.1044	86/81/9	19TER	960.50	967.25	845.249	861 E/9	961 t/8	9/24/84	\$729494	PATER	\$8/86/A1	MON	8811/8	9951/9	\$873 L/ES	PATELA:	89/85/23	13/35/94	98782/\$3	90/82/3	NEXT
WATERAN ACC.	AM IX	AN TK	DATK	WIR COOLER	WTR COCKER	FUEL POOK, FILTER	MEACTOR WITH CLEAN	HT EXCHANGEN	HT EJCH STATOR COOL	CHTGAS ATTEMPETER	OFFGAS AFTERFE TER	OFFIGAS AFTERFE TER	NAL BARBLAY SYDALO	OFFGAS COOLER COND	OFFBAS COOLER CONS	DEFOAS PRESE BADFRO	OFFICES PREFETER	ASK COMO SYS	WAS CROON BAS	AR COM BYS	OFFGAS WATER SEP	DESCRIPTION
CARLESS HYDRAULIC	SE VAN	LE ACI	DIAMITE	98	38	MANAGE	DELAVAL	OEW ELECT	ORN ELECT	STROMES	MESOTTE	STICHER	31709699	OEN ELECT	GEN ELECT	CALCOSTA	CALCOMA	Media	MORK	YORK	PROC 2099	MANUFACTURER
-81 AV CRESS EREZ S GC	NA	AUA	Q64Z5774 - 3691-	- HW-Y18425-00	- HH - 8284/2140	46-89-1461 2140	40 m 441 2160	O61274428 H15-	-917-458-7160	345-84942740	-318 - VIBREZZED	-th # - 6K40423.475	G6 528493A - 416-	-9114 8089521853	081Z94884 H18-	C#1244538-FW-	09128413A - \$19-	Q90Z6733C H18-	Q86257338—H16-	Q8424733A - H18-	Q#2294698814-	NON CHE
44234	1	I							1		1	1	1	1	1		1		1	1		SERIAL
808	2	386	×	9	8	ž	ž.	970	9	¥	ž	¥	3	*	E	*	*	¥	¥	¥	ž	МАМР
8 S. N. S. S.			A62.43	58 X.82	.88 X.8.8	SKE	,838.0	BEE	SIKE	AFKE			- BILE	2716	216	57.1	SK.E	81.18	MXS	ST.88	2348"	3738
-	1	1	1	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	1	1	-	CLASS
V	2	E	E	8	8	2	22	22	E	8	Z	2	*	8	2	Z	8	2	8	=	manne.	E
A CSECHOT	E ANT TANK	N JASE TANK	H BOILER DEALSMATOR	N STATOR COOLING HEAT EX A	N STATUR COOLENS HEAT EX S	HANNED MEET THE TOOCH THEN A	H CLEANUP PL TER CHARLY	N STATCR COOLING HEAT EX S	N STATOR COOLING HEAT EX A	A COPP GAS DEMOSTER	N OFF BAS BEAMTER	N OFF GAS DESIGN TER	H OFF GAS DENSATERS	N 1797 GAS COOK BR CONDENSES	H 1099 GAA COOLBR CONDENSES	N OFF BAS PRE-PE, TOR	N COPP GAS PRE-PET TER GA	H SEN BLDG AND COMB HT L.	N SER SLDG AIR COMD HT EX	N SER BLDG AST COND HT EX	N ICFF GAS WATER SEPERATOR	ITEM NAME

entreso			-		and the same	Allega	Militan	#116BD	Mileta	ESTREET	23116200	HISTORY	9511120	OM LETE	BRATER	(M1550)	961190	4	********	2811620	1001001	No
098998				611890		912880		PRUBO		Deases		Dasees		069459		891380	877880		841.896		G1 Feen	BOARD
7/19/94	940/85/25	277000	7/20/94	35/86/16	7718/84	7/16/94	2758294	7/18/84	7/18/84	7/182/54	7798/84	7/18/94	7718004	7/59/94	7/12/04	7/19/94	2778096	77198/94	7/18/84	7/18/14	96/88/15	LAST
SHEZJELE.						SARCISM.E	800E/80/E	27942	3/58/2560	2/10/2800	2187344E	\$66275.F	2792/2000	2/18/2666	2/18/2000	2/18/2946	2/13/2000	2114/2844	2/18/2868	2/16/2009	2/18/2889	NEXT
NO ACCUMENTATOR	WATERWE ACC.	PRI ACCUMULATOR	WATERWAY ACC.	NE ACCUMULATOR	WATERAG ACC.	S'16/2446 NG ACCUMBILATOR	HATERING ACC.	STEATHER HE ACCUMENTATION	1/19/2000 WATERWA ACC.	NI ACCUMAL ATOM	MATERIAL ACC.	NE ACCUMULATOR	WATERING ACC.	2/18/2999 NE ACCUMBILATOR	WATERING ACC.	2/18/2969 NU ACCUMULATOR	EVENTERS SEE ACCUMENTATION	WATERING ACC.	PER ACCURAGE ATOR	WATERING ACC.	MI ACCUMULATOR	DESCRIPTION
E-IGLISDOMICS	2	LIGHEDONSCA	Liquipoieca	Liquiposacs	Liquiposacs	1.IQLIBONECS	LIGHIDONICS	LADINDONICS	LIQUIDCHICS.	EXCLUDIONACS	L. KRLIDOMEC 8	LIGHEDONECS	LIQUIDONICS	T10110008C8	22	LIGHIDONICS	LAGUADOSSCS	2	LIQUIDORGE	LIQUEDONACS	E. FOLINDONICS	MANUFACTURER
-01 A1 CER 923 6623 662	G# 1233 128 923 1A 18-	Q812831283838A19-	G81Z831252638A18-	G9 1263 1382259A 19.	O#12931282238A18-	O#1263138638A16-	OB 1293 1269638A 16-	-84 VEP-64 8E1 G821 8D	G#1283 136 1843A 16-	Q012431381947A19-	OB12831281847A16-	-01 VT961 653 1927 675	C#12831291843A14-	3012601382843A16-	Q8 1289 1383843A 10-	O#12891283443A10-	O#121112121636A14-	Q812831383636A94	OB12931283838A36	-81 WPESES 1621 80	O9124312826314.19-	BON CHE
	H3714		MEEV		AJJES		AMM		MINT	T	A3491	1	SERTY		назав	1		140494	1	A3086		SERIAL
200	2146	260	250	2998	2860	2900	200	2990	3000	2000	2800	2900	3566	200	168	200	2886	1196	2882	¥	2500	MAWP
	-8K E.S X .ME B		8 240" X S' 2 248"		8 14" X 7" 2 MG"		-BKE.SX.M. B		8 34" X 5" 3 36"		8 14" X 3" 2 38"		- BK E E X - NR B		B 14" X 3" 2 14"			-BK & . S. M. B		8 ME. X 2. 5 78-		378
-	-	-		-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	CLASS IS
Notation A	A CHONCO	A CSEMICA	A CMDMCD	A CMONON	A CHENHON	A CHOWICH	A CSEWACO	A CARDARCA	Y CHEMICH	A CHUMBO A	A CHEMINA	A Carrenon	Y CROSCU	V CO	A CHEMICA	A CMONON	Y CROSCU	A CASTRECA	Y CROAKCU	Y CROALCU	A CMONTON	5
Short and the second se	NOU	HCU	HACU	HCU	HCU	HOU	HOOK	NOU	MCU	HACH	HOU	HOU	MECU	CHOHOU	MOH	MACU	MACH	Descu	DAYCH	Descu	DANCH	ITEM NAME

995 S CERT	1 mices	CHALCON	- Ballem			1000	1001100	107	BELLETIN	BELLEDA	M831894	FE8 1 EZES	EESTERN	1611CDH	ect tran	8211520	BELLEVA		1000	001100	2001100	No
041950		048128		740980		997990		100000		Dassas		D88647		D48342		961.690		Philoson		C1.0980		BOARD
7/18/84	7/18/84	7/18/94	968111	27780754	969671	275000	7/TEAS	7798794	7/19/84	2755-04	P8/86/2	7/18/94	10 Per 10 10 10 10 10 10 10 10 10 10 10 10 10	3718.94	7/18/94	7/18/86	P8/68/2	2778204	SOREM	2/1900	PAPELLI.	HAST
9719/3000	3/18/3000	B062/81/E	2/18/2308	2/18/2000						89482484	2/15/3946	\$1673068	516873989	SMEETER/E	27527890	378/2008	2497999	27967800	BORZIELIE	2/18/2546	2/18/2800	NEXT
AN ACCUMENTATION	WATERWA ACC.	SHE ACCUBBILLATOR	WATERWS ACC.	NE ACCUMULATOR	STATESUNG ACC.	NG ACCUMENTATION	BRATERIASI ACC.	HE ACCUMULATOR	WATERIAG ACC.	PAG ACCUMBIS A TOPR	WATERING ACC.	BEZ ACCUSESS, ATOR	WATERAU ACC.	SYSPERSON DES ACCUMUNATATOR	WATERING ACC.	NG ACCUMULATOR	WATERSE ACC.	PER ACCUMULATOR	WATERING ACC.	3/19/2999 NE ACCUMULATOR	WATERNIZ ACC.	DESCRIPTION
a consocione	20	1 KUNDOWC8	Excusocacs	Liquidoracs	920	T-IOT-BOOMC8	LIGHEDONICS	S. ACHIDONACS	Liquipolacs	Tronsposes	1.3QL9009404	T-201/800/8C#	T NOT THE THE THE THE THE THE THE THE THE TH	1.IGUIDOMC4	LIGHTONICA	LIGHEDONICS	A JOSHBORNES	T-STROOMS:1	2	1 намерожеся	LIQUIDORCS	MANUFACTURER
	G#12#312#1827A1#-	-01 YEZD1 651 1821 60	O912831881633A19-	Q812831381437A19-	Q912831281427A19-	-81 PT231 861 6821 60	Q912301381423418-	Q812831381827A19-	2912831281927A19-	WYZBRESTEZNE	- 44 VT284 921 6821 60	C0012801280427A10	- N V.2389831 EE.51 00	- SE VILLEGARI LEZI GO	GB 1281 1258833A 18-	-04 V1 c64 623 6921.9D	C#1280 128 163 1A 18-	O9 1243 139 19 15A 19-		OB 1201 1286223A 10-	O#12831386223A19-	BON CHE
	SUBPO		MANA		намого		HEREA		A3863	1	Mal	1	AMAR	1	AMM	1	A3557		98199	1	ASSEA	NON
_	288	9888	2000	3886	250	2000	200	3660	-	200	3000	2888	200	2000	100	280	200	H	1196	3000	PORTUGA	HAWP
	8 344" X 3" 2 340"		-BE E S X M. B		BW 2 2 X . ME 9		8 14 X 3. 1 36.		8 8 8 K . M B		5 W" X 7 2 38"		-ME E. E. Y M. B		. B. S. S. X B. B.		-85 E.E X . PAS B		-BR3.5X.PK9		- BK 2 . S X . PM 8	SIZE
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CLASS
	4	Y O	70	7 0	4	4 0	Y	4	Y	4	4	4	4	4	3	7	4	V	1	<	-	<u> </u>
-	CANADA CA	CHEMICAL	CREMICU	CADAKCU	CADACO	Сивинси	A Catheton	CREMICA	Y CRONCU	CADACA	СЭВИНСИ	CREATON	A CHEMICA	CHARCH	A CHENCA	СЯВИКО	Y CARMON	CHDARCH	A Cabach	A CHRWCA	A CHEWHON	ITEM NAME

7231167	9811620	8041.020	M11030	C961727	EBLICEN	18100	CEN LEED	981 EED	2981CEN	1811CBM	MILED	BELLEIN	9811690	one real	SHIFT	taitem	9651490	-	0001100	- THE PARTY	4011000	NO
D94294		891 826		111180		181380		069792		548124		046777		287780		Centag		consec		63 5390		BOARD
7/10/84	7/18/84	7/18/94	7/194844	7/10/84	7/16/64	7/18/84	7/19/94	7/18/84	7/18/84	7/18/84	7/18/84	779801	P##\$112	7/18/84	P6/81//2	27984	7/30/94	7758/94	7/18/94	7/18/84	7/18/94	LAST INSP
R8#2/81/2	GBGE/SL/E	2718/2666		3/53/2696	BBBLTSIA	2/53/2000	2/12/2640	EMMET/BE//E	2/18/2999	2/19/2000	2710/2000	3/19/3899	SSEZIELE	2/18/23999	E-19/2008	2/19/2000	2/19/2000	219/2000	2/10/2500	719/2800	2/18/2699	NEXT
NO ACCURSE ATOR	WATERRAG ACC.	NO ACCUMULATOR	WATERAG ACC.	NI ACCUMIA ATOM	WATERWAY ACC.	MS ACCUBILLATOR	MATERNE ACC.	NS ACCUBULATOR	WAYERING ACC.	NS ACCUBRALATOR	WATER JACC.	A CUMALATOR	WATERING ACC.	RES ACCUMULATOR	HATERAD ACC.	MR ACCUMULATOR	WATERING ACC.	NO ACCUMULATOR	WATERING ACC.		WATERMS ACC.	DESCRIPTION
LIGHEDOMECS	LIQUIDOISCS	Lightsposecs	a.courposace	Liquiposecs	2	Liguigoseca	LES RECORCE	LOUIDONICS	2	T TATABONACS	LIQUIDONECS	LIGHEODISCS	FIGUROGRES	E SOBROCIBULE .	1.JQL/QDOSBC8	a advances	T KSHEDOMECE	LIQUIDOMC8	T-KST-SCO-9C-9	L.KSUSDONSCS	LIGHIDORECA	MANUFACTURER
O#12911294511444	-84 VI CROSCI COZ1 6D	G# 5243 128 14 18A 19-	Q912831281478A19.	O#12851881818419-	G#12891281818A16-	CH NES 22821 582 184	Q812831282318A19-	Q#12631283818A19-	-81 PSI 82851 E821-20	-54 VELNESSES ERZS 950	G#12931282399A14-	O#12831282823A18-	-84 VT2826EV S4Z14ED	-84 AZBSESTA CEZ1 60-	G#12811243827A16-	-04 V.EBC553 C821.85	OR 1281 8383827 A 10-	O#124312822233A16-	Q912831382231A19-	- N. V. EZTERS 18823 60	Q#12#13#2237A1#-	FID NO#
	A3443		A3467		38670		ASSEA		08388		A3390	1	81 PEV		METV		MAN	1	A3389		DREEV	SERIAL
1	2000	3880	36	*	8	2000	2000	20	200	MA	384	2000	3866	2200	2800	2686	2000	2666	3400	25000	2000	SIAMP
	SE 8 2 . FM B		8 544. X 3. 3 35.		8 2.4" X 3' 2 3.8"		8 W. X 2.3 28.		. SE 5.3 X . ME 8		.85 E.S X .91 B		8 14" X 5" 2 348"		.ar 2.8 x .bt 8		B 14" X 3" E 34"		8 84° X 5' 8 38"		. BY E.S X PM B	SIZE
1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CLASS
V Canada	A CWOHCH	A CHOMON	Y CADAKCH	A CHUNKCA	A CMP4CA	A CHUMACA	A CHRONICA	A Calheron	A CWONICA	Y CROMCU	Y Cau	A COM	Y CR	A CW	A CM	V CM	V CR	V Ca	V ON	A CHUNCA	A CMOHOR	Ē
And in concession, named on the owner, or other party of the owner, or oth	HCU	HCU	HCU	HCU	HCH.	RON	NOW .	HOU	HCU	NCA .	CREMINOU	CHEMINA	CROMCU	CROACH	CHIMPION	CADINCI	CRDACU	CRDACU	CHOHCU	HACU	DESCU	ITEM NAME

405 1 910		2211111	138162	Milter	BES 1 CD7)	pestern	0001000	20011000		201102	621162m	841158m	4751020	-		201000	W231174	U23 1 573	W231628	1438620	U231176	CB11CC1	No
CHARGO			Danne		D88736		901980		Chaser		Deased		S98674		-	Connection		662.390		D49434		21 96 95	BOARD
MARKAL		770004	7/15/8/4	7/19/54	7/18/94	7799494	2778094	7719394	BOSTEL J.	7718006	7/15/84	7/18/64	7798-54	7/18/844	DOPELL!		Towns I		1	7,000	7/80/	1	LAST WBP
2/16/2846	-			27802842	BREEFELT.	8008/08/12	9/96/2000		2714Z904		BORDELS.	BBBZBLR.	BARTISKE.	BRESSA.	\$680Z181.FE	-				2 200	2 10 200	BORETOL O	NEXT
EVENTERS DIS ACCUSSES ATOR	PUNTERUNG ACC.	NO PERSONAL PROPERTY.	and the same of th	MATERIAL ACC	NO ACCUMULATOR	WATERAW ACC.	NE ACCUMENTATOR	SMATERIAR ACC.	HI ACCUMULATOR	MIATERING ACC.	NS ACCUMENTATOR	WATERING ACC.	NO ACCUMBIBLATION	BUATERING ACC.	ME ACCUMENTATOR	THE PERSON NAMED IN	A STATE OF S	THE STATE OF THE S	THE PROPERTY OF	PER ACCIDENT ATOM	A SECTION OF SECTION OF SECTION	WATERWS ACC.	DESCRIPTION
B. AGMADONNES	T-SPROGRED	LIGINDONICS	C-MANUFACTOR CO.		NO STATE OF THE PERSON AND ADDRESS OF THE PE	L-GL-ED COMBC 8	LAGUEDONICS	LIQUEDOWCS	планяронася	E JOLEDONICE	1. vg.apcascs	8	1 JOHN ONCE	E AQUEDONNOS	r-dragonact	2	Lauroovecs	- Law Control	LAGANDONECS	8	LIGHBOOMCS	1.03.40.04C.8	MANUFACTURER
-04 VI 9961823 1023 402	OP12831383961A18-	OB 1283 138366 1A 19-	CB1283 928368 (A 19-	-61 W. 6279521 5471 40.	000000000000000000000000000000000000000	C#12891382391A19-	-04 VT 884 SST 882 1450	GB 1233 125 1861A 16-	-01 VEVEZBEI ESZ140	-81 VEH CERES CR.Z.S. RED	-# PTF1413E1E23EE	O#128013#1443A19-	- HW BRIBESSED	-8 FLAN SES SES SES	C012801280636A10-	-84 VDC80301 C8Z1 8D	- CH WEEZERS SEZS SE	-M. V98225514051405	0912831391431A18-	291Z93139 H31A 19-	-94 KT 622821 5823 692	-81 VI (TZBS) (1821 80	BON ORB
	A3619		WEER			A3487		MEEN	T	W.W	I	наи		ASSA	1	MD 134		OREEV		Here		PRETY	SERIAL
i i	3996	200	2000	2000	1	2600	3900	2	2000	2000	1990	2100	2500	3800	3666	2100	2000	M	1964	286	N N	enniment of	MAMP
	. DY 5 . S X . PM 9		-8% E.E X -9% 8			-8K Z .C X .343 B		.BES.EX.M.B		B 24" X 3" 2 348"		345 % X 3' E 340'		B 84" X 2" 2 3 34"		-84 8 . 8 X . ME 8		-95 E. S. S. M. B		-8K & S X -MC B		.BE 2. C X .M. B	SIZE
1	1	-	-	**		1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	CLASS IS
The same of the sa	A CHUMCA	A CMONOR	A CHONCA	A CHENOTO		A CHOMON	A CHOHON	Y CROMCU	A Callward	A CSRNICA	A CHOMOO	Y CAR	V COM	V Co	A CM	V CH	V CR	V Da	YES	V Ca	Y CROMCU		<u> </u>
The same of the sa	HOU	HOU	HOU	HCU		HCU HCU	HOU	MCU	HOU	HOU	ANCE	CREATEU	CREARCH	CASMICI	CREATON	CMSANCE	Сявной	CADARON	CADACA	CHEMICH	DISCU	CREACU	THE MAN

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No IN	ONE LEED	1811220	2811EZN	TRITERY	M81625	18111EM	MS1520	/81 cm	3811CE	BRI CEN	9851 5201	1681620	2801 020	ENELICE	ME3 1294	9461 CZD	9651 (20)	18E1 CEN	BESTERN	8641 523	M 21 C20	HELEDM
BOARD		E81 080		088940		D84816		D000000		088427		044421		Dasses		D430 19		D60 128		D89 166		D89628
MSP	7/18/84	7/35/94	771844	7718/94	2/19494	7/18/94	7178044	7/78/84	Fritage	7/18/04	775294	7/18/04	7/19/84	7/155/04	2/182/84	7/18/94	7/18/94	7/18/84	PANTA.IL	7/18/04	7719,04	77192-94
NEXT	2000 TE	2/18/2000	2719/2999	\$486751/E	\$4872996	2/19/2999	2/18/2999	2/18/2000	3/13/3999	B187848	3/19/3616	3/16/2006	2/18/2999	######################################	S-18/2849	BB05781/E	BBEC-21.FE	3/16/2966	\$09E781/E	\$19/2999	2/19/2900	3/18/3046
DESCRIPTION	WATERAG ACC.	NO ACCUMINATION	WATERMS ACC.	NE ACCUSAGE ATOR	WATERING ACC.	NI ACCUMULATOR	WATERWAY ACC.	NA ACCUMULATOR	WATERWA ACC.	MI ACCUMULATOR	WATERNE ACC.	ME ACCUMULATOR	WATERWA ACC.	NO ACCUMULATOR	MATERIAGI ACC.	NS ACCUMULATOR	WATERING ACC.	NO ACCUMULATOR	WATERAZ ACC.	NO ACCURAGE ATOR	WATERWE ACC.	BEZ ACCUSEUR_ATOR
MANUFACTURER	200	Liquiposacs	Ligisposacs	TACHBOOMER	T-COMBONICS	1 AGUIDONECS	LAGUADONACS	LIGHTOOHC8	3. ACMADONACS	3.JQLADOMICS	2	STOREGO BOOK	92	1.KOLISONACS	1.40LHDONACS	LANDONACS	LEGUEDONACS	LEBUROHECS	LIGHIDOIGCS	LIGHEDONGCS	E.SHOOPENT	L LOJ HENOMEC 8
SOR OF	G#12831353668A16-	Q012931283868A14-	- AN WEREZESI (1823-187)	-91 V99223821 C523 40	O#12831283947A19	O#12831383847A19-	-84 V 2952 953 5023 450	Q912831382347A16	C#12431241847A16-	OB1283 838 8847 A 19-	- WALDPASSICEZIA	Q#12831281447A36	C#12831384943A19-	-81 VEPPBREI ESZ1 65	-BI V96288E1 6821 8D	ON 1263 (236238A 19.	O#1249126199A16-	O#12811281430A14-	OH 1281 128 H39A 19-	Q912831291438A18-	-BL WESSISSISSISSISSIS	-84 VBCEN SE1 5823 6D
SERIAL	168 831	T	RPCV	T	AZESSA	T	Alba	T	ASMES	1	Cassa		H4128		A3613		ASSES	T	MENEN		ADMI	
MANA	CERTAFINA	2946	33000	3000	2800	100			388	1986	2190	Real	2160	2000	200	2000	3866	2000	ž	20	*	2000
25.18	. Set 2.4 x . 348 6.	T	-9E E E X -91 B		. BE S. S. 2. M. B.				B 140" X 3" 2 3.99"		-878 & 8 X . Prt 8		D S44" X 2" 2 349"		.BT 2.8 X .M3 6		. BE 3.5 X . PM B		-81 8.8 H. M. B		8 14" X 3" 2 348"	
2	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ě	Y	4	4	V O	ν Ω	4	4	V C	۷ 0	٧ 0	V 00	V O	Y	Y CR	Y	V CS	V CA	V Ca	V C	V CB	V C	V CR
	A CHOHON	Y CRONCU	A CHOWICH	CROMICU	CROANCY	Capacu	20000	CABARCA	CREMICU	CROHICA	CARACO	CREARCH	A CORDHICA	CRONCU	CRDANCU	Сявной	CARDAICU	Cathelon	CROHCU	CREMICA	CHEMICH	CARDACCA

No	BI BI CEN	CA EL CEN	MESEEN	91.83 CEN	MERCEN	SI ER CEN	MESSER	64.21.CBM	BEETI EZIN	1221521	ERRICEN	CERTER	MESICEN	1831 ESD	METHER	(BB CD)	F228 2539	8721.12M	BESTERN	1003 (25)	HISTON	extrem
BOARD		D06367		98 1380		098773		D05407	-	23.6650	-	D88413		D89 197		D48087		086447		111166		DENEND
LAST	7/18/84	7/18/64	7/18/94	7/19/94	7718484	7/18/04	7/198/94	7/1944	7/10/94	PERMIL	2/18494	3718394	7/18/24	7/18/54	7/18/94	7/18/94	7/192/94	7718.04	77188484	7/153/94	7/194/94	7/19/04
NEXT	2/18/2004	2/18/2699	9682/BL/2	27987864	3/19/2000	2/19/2988	3716/2000	2713/25446	2/12/2000	2719/3966	\$19/2946	SARTING.	718/3696	2/18/2699	2/19/2946	2718/2808	SHEEFE A.	2/12/2000	BESEVELA	2/19/2000	SORE, PRINT	275/2000
DESCRIPTION	MATERIAL ACC.	ME ACCUMULATOR	WATERWAY ACC.	NI ACCUMULATOR	MATERIAN ACC.	NO ACCURAGE ATOM	WATERWEACC.	NS ACCUMENTATION	WATERAU ACC.	ME ACCURRA ATOR	WATERING ACC.	NE ACCUMULATOR	WATERSHI ACC.	NO ACCURAGATOR	HATERAG ACC.	ME ACCUMANA ATOR	WATERNI ACC.	NU ACCUMENTATOR	WATERMA ACC.	AS ACCUMBALATOR	WATERING ACC.	MI ACCURSILATOR
MANUFACTURER	LIQUEDO48C3	Lightpowacs	FIGURDONACS	This property and the second s	2	THE PROPERTY OF THE PROPERTY O	LICHIBONECS	LIGHEONICS	20	1 KILEDONECS	LIQUEDOHICS	L/SIEDONICS	8	TIGHEDONICS	Liguepoiace	1.04.0004C1	LIGUERONACS	L EQUADORACE	LAGUEDONECS	LIGURDONACE	1.9ARDONGC8	T-XXXXDXX4C\$
EID NO#	WY CONTINUES OF	- 41 Y1 C28823 C823 60	O#128313599 HA14-	-N V91 808ES 6621 6D	-84 VBH 84 983 6523 60	-N V91 64 521 5921 60	OB 1283 128 14 16A 10-	GRIZBIEBUNAS.	OS 1283 128 12 16A 16-	# V91 81 812 (52) 60	-H VIN 22681 6821 60	-04 VSR 828828 6921 660	Q91Z691263816A14-	C#12831122314A1#-	-H-Y1.81.621.60	O9128212818111A19-	O8 12831382311A No.	Q912631982211A19-	OB 1280 13628 11A NA	-M W118828182160	- 14 V11 0K1051 5821 6KD	-N.Y.1.64823.4921.60
SERIAL	AMER	1	MAN	1	HOME	T	AMA		1888	1	S S S S S S S S S S S S S S S S S S S	1	11180	1	triev	1	BREV		A3346	1	A3617	1
28	2000	2000	25	H	2100	3000	H	H	11	3388	200	¥	216	2882	3886	100	*	¥	25000	2000	24	2000
3228	B 24" X 3" 2 28"	T	BE E.S. E. 911 B	1	-2K 5.6 X .PE 8	1	BK 2 . 2 . 975 B		-SR B. S. X		- BE B. E. X - MS B		.BY E. E. X .MS 8		B SW" X Y 2 38"		-BC I.S. I.M. B		8 84" X 2" 2 38"		.28 E.8 X .M. B	
CLA88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
臣	A CMOHOR	A CURRICA	A CHORRON	A CROHON	A CHONOR	A CHEMICA	A CHONCA	A CHORCA	Y CADACU	A CHRISTA	A CHEMICA	Y CROSCU	A CSBRCA	A CHOHON	A CUMPRICA	A CMDMCA	A CUDARCA	A CHERNICA	A CRONICA	У СЯВНОИ	A CHONCA	A CMITTER A
ITEM NAME	HOW	NO.	NCU .	LCU LCU	100	ROU	NO.	62	ROW	HCH.	KCU	NCH.	KCH	HCH.	CU	2	ACM.	KCU	HCH	KCU	RCA	C2

M23 5284	U83 (384	DREE CEN	28212ED	1831281	BREI CEN	eets can	BPEL EZIN	4983 EED	BHELEEN	more.	mp:cm	1963.EDM	2961620	1001000	100	-			9671670	ora sta	400	No
089119		\$1.688G		D897143		620000		D48 143		D48943		Dessed		Beetler		arread		Passer		990390		BOARD
279484	7/92/84	7/18/84	2753084	7/19.94	7/18/84	3/19/94	7798464	7/19/84	375004	7718494	7778494	7/18/84	7/19/94	P-0781.12	379804	2778276	177871	7778774	7/19/94	779094	2/7200	LAST
\$465/ES./E	888238./E	BBBC/BL/E	BESEZES/IE	2718/2988	\$45/3999	2/82/2000	3/15/3908	2/16/2008	\$6667BL/E	2/19/2000	2/18/2646	3/18/2009	2/18/2000	886Z/BL/E	2000.00	2/19/2000	2/12/2040	2/18/2068	2/19/2000	BOBENSE/R	279/2000	NEXT
NE ACCUMULATOR	WATERING ACC.	NI ACCUMULATOR	WATERRE ACC.	HE ACCUMAL ATOR	2/15/2000 WATERING ACC.	NE ACCUMENTATOR	WATERAU ACC.	HE ACCUMULATOR	MATERING ACC.	NE ACCUSSILLATOR	WATERWAY ACC.	PAT ACCUSAGE A TOR	WATERMS ACC.	RG ACCUSSULATOR	WATERSG ACC.	NG ACCUSHILATOR	SWATERING ACC.	STRIZEGE PAT ACCUMILITATION	WATERAU ACC.		MATERING ACC.	DESCRIPTION
LIGHTDOMECS.	Liguspoiecs	Tronsposace	LIGHBOONICS	LIGHTDOMECS.	8	LAGLEDONECS	92	1.KSLKDOWSCS	LIGHEDONICS	LAMBONICS	1 JOHN CHICA	Laurences	2	L.EQUIDONICS	A AGLIDONACE	LIGHEDONECS	1.40130008003	L KOLIKO OWACE	LIGHEDONIC4	LIGHIDONICS	LIGHEDOWCS	MANUFACTURER
Q912631289227A19-	GB 1231 1386227A 16-	-85 Wet 86651 6921 60	Op 1289 12899 98A 19-	C#1240128011414	OF IZESTED NOT IN SE	SWINSTESSION	WINNESSEE	-81 V 181 181 181 180	G612631361467A10-	G#1283128108FA10-	Q91Z931261997A19-	G# 1203 1252207 A 16-	C#17491342387A19-	OB 1283 18825-07A 98-	C# 1240 1282007A 56-	OB12811282391A18-	O# 1283 1262392A 10-	G#12#313#3##3A1#-	OB 1241 (262803A 19-	- H VERRESSI (1821 RD	-04 VEBBESZI 1623 60	BON DES
	A3488		ASSE	I	HATTER		MKV		NESEY	1	19907	1	14291		AJEM		AJJJIS		A3636	1	AJ448	SERIAL
2	*	1	36	3900	ž	2960	2300	2940	3840	2000	2000	2000	2100	2000	2500	-	ž	77	2000	100	3996	MAWP
	8 W" X 3" 2 3W"		-9KE.S.X.M. 9		- Br 8 . 8 X . Mr 8		8 24" X 5" 2 38"		BC 2.5 X . M1 B		** S & X ** B &		8 8 8 X . PR B		.BE E.S.XPR 8		B 34" X 5" 8 345"		B 24" X 3" 2 38"		. ST 2 . S X . M. B	SIZE
-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CLASS
V Control	A CHARGO A	A CMONCA	A Cabaca	A CURRINGA	A CHRISTO A	A CHRWCA	A CHOHON	Y CARMICU	A CHOWOON	A CHRINCA	A CSERVICA	A CWINNCA	A CONTON	A CHONCA	A CMDNON	A CMONON	A CMONCA	A CHOWCH	A CHEWICA	A CMINIOR	A CHOHICI	TEM NAME

UB3 1277	8.221.520	0.781.9YM	977.090	6/21/6990	W/Bicton	1,0300	ACT CEN	ROES CON	SHELLESM.	- TRO CEN	8063 620	PRES CEN	PRELETE	ESES CEN	380 cm	1.8E16271	BEELEEN	BELLEN	880.czn	W31267	Deth ran	No
D48348		000000		811880		C1 0880		Desaucz		29148		991390		2340062		D89444		086346		941.980		BOARD
N82818	7/15/04	7/19494	2/98/8/6	7/15/844	7778284	7798454	7/18/84	7/16/84	371836	2198494	7/15/54	7/18494	3759.84	7712.04	7/10/94	7/16/84	7758494	27/86/84	7/18/94	7/19/94	7/19/04	MSP
21/34/34/00	BESELDER		3/19/3060				BESEZELE	BORE/EL/E	2/18/2006	B005/18./E	9965/RS./C	218873984	9682/81/E	Seetres.e	Desertant.	SHEETER	\$085781/2	2716/2004	2/15/2300	SASELTE LE	2/10/2000	NEXT
NE ACCUMULATOR	NUATERAN ACC.	NG ACCUMENTATION	WATERAG ACC.	NO ACCUMUS ATOR	WATERING ACC.	NS ACCUMENTATOR	WATERING ACC.	MS ACCUMULATOR	SWATERING ACC.	NG ACCURBILATOR	WATERING ACC.	NZ ACCUSULATOR	WATERRO ACC.	RE ACCURRA ATOR	SYSTEMAN WHATERING ACC.	DES ACCURRIGATION	MATERIAL ACC.	STATION ON ACCURANTATION	MATERIAG ACC.	NO ACCUMULATOR	MATERIAL ACC.	DESCRIPTION
LIQUEDONACS	LIQUEONICS	a.aa.aboaeca	LOLODONICS	1.63LRDOMSCS	OR.	Liquidosaca	Languages	Transposed	E. FOLKBONNICS	L POLINDONACE	2	1.QUIDOMCS	LIQUEDOMICS.	Liquiposics	CHEST WYTHALLY	T-GT/EDORGE®	LIGHEDONACS	LIQUEDONECS	LIGHTWOMECS	Liquidolacs	Liquiposecs	MANUFACTURER
-20 1283 1282988A 92-	Q812931363808A16-	Q912931283884A19-	-14 VYSSKSZ1 12821 8D	OP12831282388A 58-	Q#12831282366A 19-	- SEATON COLONIALO	-24 V9864 563 6621 60	O#128312814056410-	-84 Y99PH 851 5921 40	- H V150181102100	Q812831381861A18-	Q8 1223 1250647 A 10-	-W W 2008001 CB21620	-84 WWC29621 (1621 90)	-04 VS429621 C621 6D	091289_48L_48	WYN - ALISENSO	C91230128 H38A19-	0912W138W38AW	G912851281281436A19-	Q912831551858A19-	BCN DES
	MEETV		A3641		H3746		A2817		ASS 80		100000	1	MAKA	1	WILL	1	ANESKA	1	AMERA	1	REGEV	SERIAL
	38	2006	100	200	1	200	200	8888	#	3888	1188	200	-	200	M	M	200	36	2000	*	25000	HAWP
	8 14° X 2. 3 78°		8 74. X 3.8 78.		-BK S. S. X . DME 9.		. ME E. S. X 978 B.		8 8 8 X .94 B		B B B . X . MC B		8 W" X S" 2 38"		S S N. M. B.		B 14" X 3" 2 345"		# 8 4 X . M R		BE E.S.X .M. B.	3776
1	-	-	-	-		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	CLASS
A CONTRACTOR OF THE PARTY OF TH	Y CHUNNOU	A Cathelon	A CHONORO A	A CMDNOON	A CMONCA	A CHERRON	A CADHICA	A CHEWRON	A CHEMICA	A CHOWCH	A CUMPRON	A CHRIMICAL	A CHOMAN	A CHEMICA .	A CORDACA	Y CREATON	A CWENTON	A CHRONON	A Capach	Y CROMON	CHOMCU	131 ITEM NAME

-	1000	estru	M31386	1803 CEN	1623 EZM	94E1 E2TI	UZ31283	2021 000		1000 0000	1000	9000 0000		1500 6500	MOES CENT	9961ctm	MERICEN	castes	BELEEN	16215271	Dets can	W231279	STATE No.
		D88641		041390		069471	D89011		-		201014		201 0000			D89119		199090		CH0799		Name of	BOARD
5-2-Mark 12		Yrman	7/19/54	PARENT.	7718/96	PENBA/2	2719494	375044	04/00/22	779804	7/5064	7798/04	PC-86.74		1,42,61	7/18/64	37837	7/10/84	7/18/8/6	7/19/04	7/4007	-	HAST
846E/ELE					271272948	3/19/2699	\$485.781.6E	868291.5	6006/24./E		2/10/2000	2/18/2000	BORCELE.	0000000	0.000	2/19/2000	2/10/2000	1	2000		2000	0.000	NEXT
WATERWG ACC.	PR NECESSALATOR	TO THE PARTY ALC.	WATER STATE OF THE	M ACCUMANTANCE	OUT ENBERGY WIN	MI ACCUMULATOR	NE ACCUMULATOR	WATERWAY ACC.	NE ACCUMULATOR	WATERRE ACC.	NA ACCUMULATOR	PHATEPING ACC.	NE ACCURAGE ATOR	Sey LEAVES 1975		DE ACCUBINATOR	MATERIAL AND	BIS BOSTONIA ATOM	THE PERSON AND THE PE	THE RESIDENCE AND A STATE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN C			DESCRIPTION
TOMBONICS .	3.10XXDOMC1	2	L-CAUSTONECS	L-ALIBOURNES		S-MACORIDO B	a roughowace	LIQUIDONICS	LUGUEDONSCS	LIQUEDONECS	B. AGARDONACS	2	LIQUIDONICS	TOTADORCE	B-Man-Booker	E-Serventer	I. KALIKOONICE	â	E.KANGOOMIC 8	S	LIGHIDOHECE	96	MANUFACTURER
-84 VT CPC \$221 00231 002	Q#12841298623.A16-	Q#12831388823A19-	-61 VESPRESI CEZI (60	OS 1283 1386613A 98-	AR 16 DE 16 DE 16 18-		-81 VIZESSET 1123 GD	- 18 VTZ89968 C421 6D	C912931394631A19.	O#12831284621419-	G#12831864819A19.	-64 VSZ80-963 6821-90	Q912431395427A19-	9912131386427A19-	-84 VEZZ99831 12823 MS-	-95 VESTP951 528-531 60-	GD 1243 1385827 A 16-	OS 1293 1268927 A 19-	Q912631394637A19-	C19 1280-188-4627 A 10-	- A 12214821 (1821 40)	Q#1Z811384237A19-	FON OR3
A3187		143776		BREV			T	83159	1	ASSEA	1	58768		DIPEY		Serv		MEMORY		MES P34		200EM	SERIAL
1000	100	218	2666	3400	2000		3900	386	2500	8900	200	200	20	2000	3866	2000	N.	8999	2666	2160	NAME .		MAMP
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		8 346" X 3' 2 36"		-868.5 X .M. B				8 140° X 3° 8 380°		8 8 K . M. B		-84 E. S. X ME 8		B 14" X 7 2 34"		-86 8 .8 X bris g		-8K E.E.K. SHE 8		-BE 8 .4 X - Prc 9		8 34. X 3. 5 38.	SIZE
1	-	-	-	-	**		-	-	-	-	-	-	-	-	-	ca	-	-	-	-	-	-	CLASS
1	V O	V Q	2	4	4	-	4	4	4	4	4	V B	4	4	4	4	4	4	4	4	4	4	2
4	CROACU	A CSEWACA	CHUMCU	A CMONCA	CRONCU	- Annual Contraction	A Cabacil	CADARCA	A CHOWICH	Сараси	A CMPWCh	A CSONERA	V CHONCY	A CARREO A	CADMICT	CREATER	CHRONCH	CADACU	CADAICU	CRIDANCE	CRDACU	Сиванси	ITEM NAME

No	1601000	Decican	CHESCEN	Petrican	9961 620	00E1EED	ANCI CERT	99E1 EEU	BRC1 CEM	MESTERN	11616787	BOCEN	51 CH CERT	MESTERN	Bestan	38 63 620	2465 5897	BESTERN	64 C3 C277	######################################	1203120	22022
BOARD	D48687		928890		Depart		C-800046		060781		Bresse	1	MEREG		D46787		D44472		049430		065334	
INSP	7/19.04	Ment	7/18/94	7/18/04	77504	7/193/94	7/18/84	7/198/94	7/16/84	7/18484	2718854	7/10/64	379B444	7718494	7758004	P0'81.	1788.04	7/18/84	7/18/84	7/10/54	771854	7/18/84
NEXT	9692/98./E	2/19/2000	2/18/3600	3719/2500	SHEERING.	1/16/2689	2/19/2009	271472940	SHECTORIES.	BEREINE	BBBZBRA	2715/3846	8792969	esat/es/8	BESERVE	BBBZBIR	BRRIBLE	898781/2	271672946	BRES/EL/E	2/10/2000	2714/2899
DESCRIPTION	DES ACCUMUSATOR	WATERRY ACC.	NO ACCUBRIA A TOR	BHATERIAG ACC.	NE ACCUMULATOR	WATEWAR ACC.	NO ACCUMULATOR	SWATERIAG ACC.	AR ACCUBALATOR	WATERARI ACC.	NE ACCUBILATOR	WATERWAY ACC.	HE ACCURAGE TOR	WATERRY ACC.	NO VOCAMINATION	WATERWAY ACC.	90 ACCUMULATOR	WATERWAY ACC.	NE ACCUMILLATOR	WATERWAY ACC.	NO ACCUMBIA ATOR	WATERAU ACC.
MANUFACTURER	LIGHIDONICS	LIGHIDOMICA	LIGHBOOMCS	22	Ligiatodaeca	LIGHEDONICS	L. LOGARDONAC &	2	LIGHBONG 8	a.xgi.spcaeca	LAMADONACS	1 KOLIDOMCS	THOMBONICS .	LIQUIDONACS	LIGHEDONECS	GREEN HYDRAULU	LYGUSDOSECS	LIGHEDONACE	LIQUEDONSCS	2	LIQUIDONSC8	THEMEDONACS
EID NO#	Q#12831283431A18-	Q912341154231A19.	-04 V14 27 4521 4921 492	Q\$12831163838A19-	C8128112838384 18-	- ALVESTICATION CO.	C#12431388448419-	-04 V 27489621 CR271 SCD	-01 E 17405051 (1821 60)	-84 VI \$59+551 5521 50	O#12831284881A18-	- WYDERSTONES	O# 128212943434 19-	O912811853443A19-	Q#12831385441A18-	C# 5.7 \$3 125 3438 A 18-	Q912831283439A19-	-64 YBS96381892140	-64 V9K-9K781 K9Z1 #D	OS12831283438A18-	Q#12#\$138343&A1#-	CD 1259 (35349 1A 98-
SERIAL NOS		RIN	1	1000	1	A3284	T	101107	1	AJABB	1	A3660		AUBIO		ATES		ASSHIP	1	нзава		AURE
GAMAN	39996	*	200	2500	200	8008	360	2998	200	388	¥	100	25.00	200	3960	3890	M00	¥	8	100	2000	2008
3228		M. E. S. E. S. B. B.		8 34" X 3" 2 345"		-875.5 X .975 8		8 34" X 7 2 38"		. ME S. A. 11. 8		. Bee E . S X . MS &		BK 8.5 X . H! B		8 M. X 2.8.		B 24" X 3. 5 28"		. BK L A X . DK 8		BESSEN ON B
CLASS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2		4	V	V	3	3	3	4	4	4	3	4	4	4	4	3	4	4	4	4	Y	1
ITEM NAME	CHEMINOR	CREACU	СВЕМИСИ	CRIMED	CADANCH	CREMICI	CREMICH	CADACA	CHONCU	CHEMICA	CADACA	CROHOU	A CMONCO.	СЯВНОИ	A Cathern	CHOMPOU	Сямиси	A CHRHACA	A CHENCA	CREMICU	CADACA	CHOMEON

Det tim	9901000		Met Can	ENGRESSI:	12944749	Sacreton .	ernem	2003 0201	Beet con	#EED CED	NEES CON	treatm	2001.000		1824231	9633 5280	9881888H	10000	ten seu	MESHERM	Neth Con	No No
E84 480		-	Contract of	Result	00/00		088033	98888		B84448		98096		-	20000		DE SALEM	1	DANSSA	-	210000	BOARD
7/10/94	2778/84	1000	170000	11000	D628671	7/19/94	7/19/84	7/198/64	7/18/04	7/16/94	7718494	7788/84	775696	-	-		2710000	-	and and	2000	200017	LAST
2/10/2968	8062/53/6					2/16/2000		969E196./E	2/12/2000	8718/3909	BESTALA	#10.2050	219/2000				210/2000		270700	BB48781.7E	9005/81/2	NEXT
BOR ACCUMULATOR	MATERIAL ACC.	DES ASCUMBURATION	ACCUMULATOR	PRATERING ACC.	MI ACCUMULATOR	MATERIAS ACC.	NS ACCUMULATOR	ME ACCUMULATOR	WATERRE ACC.	NE ACCUMULATOR	WATERNI ACC.	NE ACCUMULATOR	MIATESRAG ACC.	PRZ PICCUBRIALATOR	MAI EXHAU ACC.	AN MANAGEMENT AND PROPERTY OF THE PROPERTY OF	WANTERWAY ACC.	PAT ACCUMULATOR	MATERIAG ACC.	ETHEREN HE ACCUMULATOR	NZ ACCUMULATOR	DESCRIPTION
Liquidoyacs	ELIGHIDONAC8	Lougosecs	S. AQUISDOSECS	a rosupcience	LEGARDORCS	a.sougnosaca	LIGUEDOMICS	Liguenciacs	ILACARDONACE	LIQUEDORGES	1.50L8DOMEC4	LIGHTDONECS	2	LIQUEDONACS	GREER HYDRAULIX	FIGHEDOMECE	2	Progresovece	STANDONECS.	a scandonece	R.AGIADONECS	MANUFACTURER
G6 1283 12849 18A 56-	-94 A 84 62523 C423 40-	GB 1223 128643 1A19-	-81 VT E65951 E621-80	-84 V3 898981 682149	G#12391583831A19-	-04.V1.CSEC.8621.00.V.V.	OB 1250 1282636A 10-	-84 V94799811 6121 460	-84 VSE299821 4821 460	Op 1283 1385643A H-	-44 VT749863 1527 40	ON WESTERNISHED AND	- 44 VEP-6951 1821-80	-84 VYS-BESSES E421480	G#1Z#312#39#3A 18-	Q#12831383947A19-	GB 1283 1283007 A 19-	-08 12 81 825 825 825	-04 VI SEPSES ES23 40	-01 V1 BBEGES (621 90	-91 VI 99-5251 5921 450	FON ORS
T	A3348			AS SEE		PREEV		1	AUSSI	T	A3 186	T	196361		A4210		116960		A3861			SERIAL
	3836	2900	H	100	¥	3586	200	3666	2000	2000	3090	2946	2166	2840	E	200	**	¥	200	THE STREET	STATE SALES	HAWP
	8 54" X 3" 2 34"			-818.4 X .Ms B		. BS 8.8 X . MS B			-86 8.5 X .M. B		.BE B.S.Y .Pr. B		8 2K" X 2' 2 M"		8 34" X 5" 8"		. BY E. S. X . PME 8		BU E L X .M 8			SIZE
1	1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-		CLASS
N STATE OF THE PARTY OF THE PAR	A CMENICA	A CHEMON	A CMDNCA	A CMONOOA	A CHOHOD	A CMOMON	A CMPHCA	A CARDACA	A CSDMCA	A CHONCA	A CONTROL	A CHOHON	V CROMOJ	A CSEPRON	A CHENCA	A CMOMON	A CMDMCn	A CMONON	A CMBWCA	A CHOMON	A CHEWICH	IN ITEM NAME

No	UZ31348	W231349	MES EETH	1901 CEN	TSK1 CSM	CBEICEN	M21354	BB41 EST)	PRESERV	W231367	89ES EZET	OPES CENT	9951520	1961 620	menem	CDC1 CSD	P965 EED	99C1 EZZI	1881 EBM	29ES ESIN	ents ton	MES EEM
BOARD		D80541		299799		CHICAGO		884280		D28447		047947		296290		D69:48		049638		D58468		D46179
LAST	77184844	7/19/94	3719264	3778.94	7/1944	7/198/94	7/19/94	7/78454	7/18/84	78815	3758494	7/19464	7/18/04	7/18/84	7/18/84	7/19/94	7/18/846	7/18/34	7/19/94	7/15/84	7/16/84	7/50/04
NEXT	Section 2	3/18/2000	27:8/2000	3/15/2009	2152399	3/19/2060	27907844	2/19/3000	2712/304	2/18/2000	DODE: FOLK	2/19/2888	2/18/2000	2/18/2540	BRESTALT	50657BL/E	8002/01/2	3/18/2996	2715-2996	2/19/2000	BORE/BLE	SHOETER IE
DESCRIPTION	MATERIAL ACC.	BS ACCUBALATOR	WATERWAY ACC.	NO ACCUMULATOR	WATERAN ACC.	NZ ACCUMULATOR	HATERAR ACC.	NO ACCUMULATION	WATERAR ACC.	MR ACCURAL ATOM	SHATESHAD ACC.	ME ACCUMULATOR	WATERWAY ACC.	NO ACCURAGE ATOR	WATERWA ACC.	NE ACCURSA A TOR	WATERAS ACC.	NE ACCUMENTATOR	WATERING ACC.	SEE ACCUMENTATION	WATERNIE ACC.	NO ACCUMBALATOR
MANUFACTURER	2	LAGI-SCOMEC 8	2	LIGHEDONECS	LIGHEOMECS	3.103.4800/secs	L.IQLIEDONECS	LIGHIDOMICS	LIGHTOORCS.	LIGUEDCARCE	8	LEGISDONECS	200	TATE BONCS	2	1. FOLKSOMES	2	A AGAIDONAC B	1.7/OGFOT	LIGHT ONCS	ZI NIPBEGAN MET AND	L.KOLEDCHBC B
NON DES	O#1293189481949-	OP1283 83846 88A 19-	Op 1283 12842 18A 79-	C#1281 : 2042 184 18	W WILL SELL SELL SER	- BY WILL BEST CREZING	-84 VALNESS ESS 1973 40-	- TA WAS INTELLEGISTING	-84 VIZNS SES (EQ.) 46-	-N VEZESESS 6421 80	-88 VEDYCAEL (162) 460	CD 1283 1383435A 16-	-W VTZ96561 8921 80	-81 VESBCSES (823-80)	-81 E LENCHES ESSESSES	Q81Z331283427A19-	Q012831283827A19-	Q812831283827A19-	Q812831283411A19-	Q812831283411A19.	-84 VI 1818 E82 180	-01 V14 81481 (821 90
SERIAL	144129	1	MILE	1	A2369	T	ANNE		RHEA	1	Casso	1	H37 W	1	Мар		H3649	I	BILLY		BEEZY	T
SEAME	memoral	2000	1	25.00	*	100	200	M .	MA	3800	2 100	M	200	2886	8	28	1900	35	25.00	2000	3900	2000
8/Z/E	8 34" X 3" 2 38"		-BELAX.ME		BK 2.4 7.95 B		-BF 8.8 X .465 B		- BRE & X . 3M B		. BE E. E. Y. M. B.		8 34" X 2 2 38"		B 14" X 5" 2 348"		9 14" X 3" 2 34"		. M. S. S. N		8 M. X 3.3.	
CLASS	THE REAL PROPERTY.	-	-	-		T	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
<u> </u>	4	4	4	4	4	4	4	10	4	4	3	4	4	3	3	4	4	4	1	4	1	1
ITEM NAME	CADAMON	Capach	CROMICI	CROHICU	CADAICA	CAGACO	CONTRACTO	CREMICU	CARDIOCO	CHEMICU	CREARCH	CROHOU	CHOROU	CHORCU	Y CREMICH	CHEMICA	CADACO	CROMICIA	CADASCIJ	CADACO	CADHICU	Capaci

Hecican	BECLETO.	-		181018	780 (28)	24651230	Mester		2000000	Leeter	anes ezen	ALER EDI	S22 1378	W231377	UZ3 5376	U231378	W231374	6.121.230	2,000,000	1,751.670	-101000	No
Dépues		71.0000		-	PASS 7 0.0	1	Partie	Marael	9646	D87686		048387		D86861		D40644		D#8684		98.1830		BOARD
2798/94	7/18/04	940BL11	Name of	-		-	DAMELI	Peres.	7/18/94	7715484	7/188/84	27192034	7/18/94	7/19/84	. 5488124	7718/84	7719494	7/16/34	7/18/84	2138/04	D45/61/2	INSP
3/16/2000	9962/81 /C	9662/81/2	9002/01/E	27 107 2010	0 100000	0.000000	2/18/2800			271972999	SHEETER S	2/18/2886	3/15/2046	2/19/2556	2/19/2969	3/18/2800	3/18/2000	BESTERE	3/19/2000	2/19/2000	218/2006	
2/16/2000 NG ACCUMULATOR	WATERWAY ACC.	2/19/2599 BIS ACCUMULATOR	PRATERING ACC.	A 10-2000 brt accommunation	STREET, STREET, ALCO.	E HOUSE MY WOODS AND	WATERING ACC.	NG ACCUMINATION	WATERWA ACC.	N ACCUMENTATOR	WATERWAY ACC.	ME ACCUMALATOR	WATERING ACC.	NO ACCUSSIA ATOR	WATERNA ACC.	NZ ACCUMULATOR	WATERWAY ACC.	HR ACCUMENTATOR	WATERWAY ACC.	2/19/2000 DES ACCUMBILIATOR	WATERNS ACC.	DESCRIPTION
LIGHIDOMECS	T LOT REPORTED	augusposaca	OR.	Liquidosacs	OR.	LIQUIDONICS	Liquipoeca	I NOLHEDONICS	GREER HYDRAULD	LIGUEDONICS	2	LOLEDONICS	Liquedosaca	1 TOTAL CARGOLINE	30	DGAIDCORC9	A AGLIED CHECK	1 AGLEDONACS	3.10LIBONECS	LIGHIDOMICS	1. AGUADORACS	MANUFACTURER
-04 WEEFERT EGZ: 60	Q812831254838A is-	Q81Z831284238A19-	Q812831284238A19-	Q81Z931285627A16-	Q#12831285827A19-	G81Z831286496A19-	Q812831285418A19-	Q#12831284915A76-	Q#12831588015A%-	-34 V9189681 t/dZ1-4t5	G912431254618A18-	GB1Z831284216A18-	Q#12831384218A19-	CB 1263 12839 18A 18-	OB 1283 18638 18A 18-	O#12031283416A14-	Q812031363439A16-	Q912831283919A19-	G# 1281 1203# 16A 18-	Q812831284211A19-	OB12831384315A56	EID NO#
	ASSEA		H2864		кабаз		ATESTA .		A7878	1	незиз	1	AJETA	I	10716	T	AJJ 11	1	AJETS	1	CDATA	SERIAL
3808	H	2888	218	2000	2100	2000	3998	2000	360	3800	2186	3909	2300	300	2	2600	2986	3800	2000	300	Sept mark	MAWP
	B 14" X 3" 2 18"		-BC & X . PE B		. 37 E. S. X . 14E B		8 14" X 2" 2 34"		8 .6 X .95 B		. DY 2 . S X . ME &		-Bre R.S X 395 8		B 540" X 3" E 340"		-BT E.S X . PIS B		8 8 % X 3 2 3 8 m		-01 2 .C X DIS B	SIZE
	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-		-	N-DEGREES,	CLASS
A CHARGE	A CMOMPON	V CW	A CHINACO	Y CM	A CWOWCA	Y CREMICU	A CHRINEO	A CMDHCA	A CEDHICA	Y Ca	7 03	V CO	Y	W Ca	Y Ca	7 08	A	V Q	4	V C	man .	<u> </u>
NAME OF THE PARTY	MACU	CADARCA	Descu	Сяриси	DANCH	DHCU	DAKCU	DAICU	DAKU	CRONCU	СЖИМОН	CHRIMICII	A CHONCH	CHOACU	A CARRACA	Y CROMCU	A CERWICH	CROASCU	CREATOU	Y CROMCU	Y CRDHCU	ITEM NAME

HHEEN	STHEET	FINEE	4194cm	W W	BOLCES	MONTON	(BRICE)	SORECEN	NOM EED	M21469	EBHEEN	1001220			9863537	1	-	400.000	1001000	1001 000	See cen	No
	D68116		D88778		263942		086781	940344		D86748		CERREGO		-	2002300	Pascar		122500		962980		BOARD
7/18/84	7/1544	2718/194	2712944	7/18/94	\$1780.04 \$178	2718/84	7/18/64	7/18/94	7/10/04	7/18/64	77194	7/18/94	1000	11000	777	1/9494	27 SOUGH	2718/94	3/90	7798/94	7/18/54	LAST
3/16/2000	8092755.72	2/19/2000				2/18/2000	BREFALE	2/12/2000	2119/2000	2718/2840	BESCHELE.	3/13/3646	2/10/2000		9400.00	219/200	\$98Z/ML/C	2/3/2000	3/19/2800	2/18/2909	2/18/2/60	NEXT
WATERSO ACC.	NO ACCUMULATOR	WATERMS ACC.	NO ACCUMENTATION	WATERRI ACC.	NG ACCUMULATOR	EVENTERNAL ACC.	SE ACCUMULATOR	STEATERN BUS ACCUSING ATOR	WATERWAY ACC.	NI ACCUMULATUR	WATERNIE ACC.	SEZ ACCUSEULATOR	WATERWAY ACC.	NA SCCUBALATOR	WATENING ACC.	M2 ACCUMULATOR	STW2549 WATERSE ACC.	3/19/2009 PG ACCUBIGATOR	WATERAG ACC.	2118/2899 PG ACCUMBULATOR	WATERING ACC.	DESCRIPTION
E-IGLIBONECS	LIGHIDONICS	FUSHDOMES	Logusposaca	2	S. JOHNDONNES	22	EJGLIDONICS	LIQUIDONICS	3. ACMECONSCS	1.VOLUDONIC 8	THOMBOMICS	EXCUSPONECS	\$28008EE	LIQUIDONICS	Liouesoeaca	LIGHEDCHECS	Liotationacs	Laguadoracs	2	LAGUADOBACS	LAGUADONACA	MANUFACTURER
G812831263966A10-	Q9 1283 1383466A 16-	Q#12491263468A19-	O# 1283 1283#69A 19-	G912931262388A 10.	ON 1289 1383448A 18-	-44 VERMESSI CEZI 60	O# 1283 1283868A W-	G81Z831383447A18-	CB 1293 (283447A 19-	C912831383947A19-	-44 V 249 ESES ESES 180	OB 1283 1384347A 19-	Q812831354347A18-	Q512831284647A18-	Q#1Z831254847A16-	QB12831385447A18-	-BI V.DPSSES CRZS.eD	-84 V962548ES 6825 6D	O# 1253 1256538A 76-	O# 1281 1396438A 19-	Q912831288939A19-	EID NOS
130EA		ESETY		C9483		146137			ASSEA	1	AJJSS	1	PREETY		MEETY		AUL.	1	903787	1	A2963	SERIAL
2000	200	2000	28	1188	200	1980	2000	2998	3066	3666	M	3900	2500	2600	200	2	28.00	3660	2168	3000	DESCRIPTION OF THE PERSONS ASSESSMENT	HAWP
B 44" X 3" 2 38"		. BE E.S. X . MI B		.BE 8.4 X .ME B		-BK 8.8 X .MC B			# 8.8 X .M. B		8 W. X 7 2 30		-87 E.S.X PR. B		-BK 5.8 X . MS B		-95 E.E.YMS 8		BT 8.8 X . MT 8.	1	-BE 8.4 . M. B	SIZE
	-	-	-	-	-	-	-	-	-	-	45	-	-	-	-	-	-		-	-	memoring	CLASS
4	V Q	4 00	V O	Y	7 0	Y	7	4	4	Y	٧	ν Ω	Y	¥ O	4	Y	V O	4	4	4	4	<u> </u>
Caraca	CRONCU	сарыси	CADACO	CROHOU	CADACU	CROHOU	A CHEMICA	CADANCI	CREMICH	A CSDNCA	СИДИНСИ	A CHBWON	Y CHEMICA	CHIMACA	СЯЗНОИ	CROHCH	CRONCU	CROACU	CADAKCU	CHOHOU	CROACU	ITEM NAME

123 H36	Bewl com	Defeat group	0001780	1	1691620	MESH EED	egn can	GIMED	ZEM CEN	BEN ESM	BEDREEN	etherm	200000	1	2271 CZII	HEN CEN	1		10000	-	1	No
	129963		220000		940890		D90371		049 940		D48438		Linear	200		DAGGE			2710623		Casasan	BOARD
7/18/64	2/18/84	96/86//2	7/19/94	7/19/94	7/18/84	7/18/84	7/18/84	Peres.L	7/194/64	7718/94	7/18/94	7/18/54	96/81/2	1	-	-	P820111	P6001.12	7/78/94	1/18/84	3/8/84	LAST
2/12/2644	2719/2006			2/19/2/600	518/2808	219-2500	3/18/2890	CHREVEL/C	8802/81/E	2718/2000	2/18/2899	SOME/NEAR.	8862781.72	9405781.9			9062/91/2	E482/81/E	2/18/2000	2/19/2000	2718/2908	NEXT
WATERING ACC.	NO ACCUMBATOR	WATERING ACC.	HE ACCUBERATOR	WATERSH ACC.	SUMPRING WE WEETHING THE	WATERWAY ACC.	NE ACCUMULATOR	WATERING ACC.	NZ ACCUMBLE A TOPE	WATERWA ACC.	ME ACCUMENTATOR	WATERNI ACC.	NZ ACCUMBLE ATOR	WATERURE ACC.	and ancountry tops	WATERWAY ACC.	2/19/2000 942 ACCUMULATOR	WATERING ACC.	AZ ACCUMULATOR	WATERAR ACC.	PAZ ACCUMALLATOR	DESCRIPTION
A KOLUDONNOS	LIGHTOCHECS	1. AZUSDONICS	S. AGLISSOMECS	LENEROGICS	LIGHT BONGCE	8	E. AGLADOSAC S	LIGHIDONICS	LIQUIDOISCS	2	1.62/abcsacs	96	a.xoxxoxxxcs	LIQUIDOISCS	LIGUEDOHECS	92	LEGIEDONACE	1.KQLHDCHHC8	1.0HOCBFIDT	CHEER HYDRALLIX	LIQUIDONIC8	MANUFACTURER
O81783 5263636A 56.	Q#12881288463A19-	Q812831386443.818.	-91 AEBPC821 E821 6D	Q912831283483A16-	-Bt VC695383853979 #6	G01Z831263490A78-	Q012831283867A10-	-04 1.789 1263997 A 16-	O#12811263487A16-	Q817431251467A18.	-84 Y 1881 821 6821 680	Op12431263807A16-	-M.V.(859421412145)	C#12631264287A10-	O#12931288661A98-	Q#12631268881A19-	Q812931214866A19-	Q8129312\$4888A18-	Q912831284386A19-	Q#12931294286A18-	O312831283866A16-	EID NO#
A2220		EMEN		AJSSE	I	MATER	T	BINCK	T	KOMMO	T	HEART		A3366		C8438		AZZTZ	1	AJ 384		SERIAL
	2906	3860	3666	2908	340	2 1999	2606	2600	3990	2166	3800	2 1000	3896	New Year	2990	2788	2000	2998	3888	3686	2898	MAWP
8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		BE S. E. X . MS B		BE S. S. X . MS B		-SW 8 .6 X PMC B		K S. S 348.		8 24" X 5' 2 18"		8 8 18 X abre		8 SM" X 5" 2 345"		-85 E X - 57 B		8 W. X 2. 5 78.		8 16. X 3. 3.		SIZE
	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CLASS
L	4 0	4 6	٧	V	Y	V D	٧	۷ 0	4	٧	4	V	4	4	4	4	4	4	4	Y	*	E
	CADASCU	Y CROMICH	CROHCU	A CUDACA	A CMONCA	A CSBNCA	A CHEMICA	Y CADAICU	CRIMICU	A CSUSSICIA	CROMICU	CHEMICA	CROACU	CROHOU	CROMICU	CROMCU	CADARCA	CRONCU	A CNEWACT	CROACU	СЯВИНСИ	ITEM MANE

No	U23 1437	BENEEN	CEN CEN	-	PHELY	102 1 M42	SMAG	-	SPERED	WEST WAS	BON CEN	APPARED.	BONTER	8001220	9001 600	1000 000	1	0.000	1994 EED	2004 CZD	M3 1446	V23 1467	US3 1480
BOARD	D81748		D69696		940290		Panaca	51.09945		D62794		D47170		D69999		Decons		900390		962480		D88548	D##448
LAST	7/18/94	7/10294	7/19/94	775994	P8/88/2	7/18/84		P-0-06.72	7/18/64	2/90/94	7718.04	77193-94	7750/84	7/194/64	2/18/94	2/7E-04	7778/846	7/78/84	1811/8	945.48	PERA	PERIN	246.68
NEXT	3/15/2800	2772200	2/19/2009	3/18/2009	BESEVELE.	2/8/2000		BOOLIELE	213/2000	BREAKA.	BROBINGE	2798/2899	BHCB1.E	2/18/3000	1			2/19/2909	\$58E/\$8/E	\$\$\$\$.83.R	8888784.R	2/58/2000	BORESBAR
DESCRIPTION	MI ACCUMBILATOR	WATERING ACC.	2/19/2000 Set ACCUREAL ATOM	BYRITERS AVATERING ACC.	NO ACCUMILATOR	TIBIZANA MATERINA ACC.		BIZ ACCUMULATOR	WATERNIZ ACC.	NE ACCUMULATOR	SMATERAGI ACC.	ME ACCUBATE ATOR	MATERIAN ACC.	NZ ACCUBALL A TOR	WATERING ACC.	PER ACCUSABLATOR	MATERING ACC.	NO ACCUBINATION	WATERNI ACC.	MI ACCUMULATOR	WATERSE ACC.	HE ACCUSES ATOM	NI ACCUMULATOR
MANUF/ACTURED	FEOTOGRE 9	2	LIQUE ONICS	SOSS (DESCRIPTION	8. WOGSPOT	E CHENNESS E	Commence	LIGHBOOMCS.	LIGHTDONICS	- AND	LIGHTDONACS	LIQUIDONACS	Liouxionecs	LIGHIDONACS	LIGHTSDOMECS	a iguapovaca	22	FICHEOGRACE	LANABONECS	LIGUIDONACS	2	Liguesoveca	LIQUIDONECS
ED HOL	G9 5.783 128603GA 18-	C#12811786635A74	-91 VPE 8651 1621 80	-81 V9E99981 1821 60	G912831284638A 19-	200000000000000000000000000000000000000	-BLVWCZPSELCSZLERS	-04 12 12 12 12 12 14 14 14 14 14 14 14 14 14 14 14 14 14	-04 VI CESSES ESES SO	-84 VT C38653 5823 605	G812831366435A19-	-04 VEL P9873 15273 8D	-N V1.1865E1 19.21.8D	-84 VI.1 69681 (16.21.42)	OB 1283 12849 1 1A 18-	G/12831384611A18-	GB12831284887A10-	G912831384987A19-	Q822831361438A19.	-PLYSEN BRITANIES	G83Z831251836A56-	C#8Z#31291#34A#4-	-04 Y9E20651 E827295
SERIAL	-	маязы	T	BILLY	T		IMEN	1	Alles	T	WHEN	1	A3261	1	A3398		MARK		A4146		H3783		
	2000	2100	¥	2600	200		1	2000	3344	2	200	20	3860	38.00	*	2600	2186	2000	2000	H	198		5980
	2786	-9K E. S. X . 9K B	T	S 16 K K 2 S 3 300"	T		- B 8 14 " N 8 18 8		B 14" X 3" 8 3-8"		BW X Y Z W		.85 R.S.X.MS B		. BK 8.5 X . 375 B		- BT 8 .K N . PPE B		BK 2 5 X . M. B		. ST S.		A STATE OF THE PERSON NAMED IN COLUMN 2 IN
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	A ICMONICA STEER MANNE	CROACU	Catheton	CADHICU	Company		Casperch	Y CADAKU	CADACU	CARACO	CSOHOU	CROHOU	CREMICH	A CHOWEN	CADHCA	A CHRISTON	A Catheron	A CMONCO.	Y CROHCU	A CMONCO	Calledon	A Capaca	Carrotte

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1891 620	9891 KE.7	W23 9478	W23 5478	U231477	0455 EZIN	BAM EZD	PENER	toncon	Earston	1,291.00m	BAPM CERN	BERN COT	2891 EST	ISM CEN	8891 EZD	BBM CEN	U23 1484	the can	U23 1462	1994 EEM		No
CREEKS		D89483		DESHAIL		D85479		PRESECT		Dasves		Dessas		68888		9926803		D83614		FFENSO		BOARD
MAN	Pen.s	Pana	845/84	268.46	953.6	PERM	961.8	P67.6	PSFA	941.46	PANA	995.40	84.48	945.46	PMAR	941.10	9414	Person	8/5/84	PENA	PETA	LAST
\$19/3804	3/19/2850	\$19/2000	2/16/2000	2/19/2634	2/19/2000	BREZESIE	2182846	2/19/3609	PSEETSLE	3008/81/8	Sees, IL	2/18/2004	BBSZ781.FS	\$182298 8	2/12/2546	2/18/2000	2/12/2000	318/2008	2/10/2000	\$10/2959	2/52/2000	NEXT EX3N
NO ACCUMINATION	WATERAD ACC.	PER ACCUMULATOR	MATERING ACC.	NE ACCUMULATOR	WATERAI ACC.	MI ACCUMULATOR	MATERIAL ACC.	NO ACCUSSION ATOM	MATERING ACC.	PAG ACCUBAGE TOR	WATERING ACC.	NO ACCUMULATOR	WATERING ACC.	NI ACCUMULATOR	WATERNS ACC.	2/18/2000 942 ACCUMULATOR	WATERAU ACC.	NO ACCUMULATOR	WATERING ACC.	MS ACCUMENTATOR	WATERMI ACC.	DESCRIPTION
8.30ADONECS	36	Lagragocastic 8	202	LIGUEDONACE	B. ASTABOONIC B	LIGHIBOOMICS.	LIGHEDONECE	LIGHIDONICA	ELICHIDOSACS	LIQUEDONICS	22	L-QUIDON/C-S	P.OBROCORDON	L-CLADOMICS	LIGUEDONICS	LIGHEDONICS	Liquistoracs	1.5214DOHC\$	30	LIQUIDONECS	3. KQUBDONGC 8	MANUFACTURER
G812231382883A16-	Q822631363663A16-	G#22831283465A H-	O#12811257653A19-	Q012431283861A19	Q3127831755386 TA 18-	O#2Z#312#35#1A 19-	-01 V1 98C 5E3 C&Z 28E3	G83.Z83 1383038A 14-	Q#3Z#312\$3#\$6A19-	G#22#31283#### H-	O62243 1262346A 19-	O#22'95 1282294A 19-	C#3Z81 1282286A 18-	-91 V9681 523 122 1290	-84 VBSM GELCEZIRO	-04 VMS94 SEA 142.250	CHRZZ931291466A18-	-84 VI 964 823 4927390	-94 V1 964 SE1 E42729D	G832831380647A10-	Q82Z031360667A1Q-	BON GIB
T	КТИОН		14831	1	A4671		A4998	1	A4004		освен		A4664	T	24194	1	A4634	1	мазя	1	A4684	SERIAL
100	2166	20	2100	3066	366	3866	2000	*	#	200	2200	2000	200	3500	2000	250	2999	Beet	ĕ	2	3908	MAMP
I	-BE B. S. X -ME B		.BR E.E X .MC 0		- AR S .2 M . MS 9		8 14" X 3" 2 38"		. AK B . E M . MS B		. 25 E. S. X . 195 8.		- 24 E . E X . MS B		BEERY ME	1	- PR E. E. X . M. B	1	B 34" X 3" 2 34"		. BY E. E. Y . PIS B	378
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	one-many.	CLASS
A CHARGES A	Y CROHCU	A CHERNON	Y CROSSCU	A CSBN4CA	A CHRONICA	A CURRINGA	A CHEMICA	A CHEWICH	A CHENNON	A CHROHOA	A CHRISTON	Y CADAGO	A CHOMACA	A CRIDARON	Y CROMSCU	A CWDWCI	A CMDHCA	A CWOWCA	A CMONICA	A CMDWC7	A CHOWICH	2
												-										ITEM NAME

NO	ERMITED.	I WEEK	M M CBD	981CD	9897, EZIN	U23 1487	UE3 1488	BBH SEN	UR2 1464	1001120	\$8M CZU	CONCEN	18M EEN	BEN II	BB#1 6.239	/BH EZIN	BRIN CSTI	68M CEN	000K EBN	1688 CDT	2865.6237	tom etm
BOARD		D894489		D89448		981-190		942980		D88617		D49932		1 67.0803		\$69.176		64639		268174		D80949
MSP	PERIFE	MIN	941.8	Parke	941.46	PERSON	945.48	281.18	PESA	PRIA	POLIE	24584	P65.00	967.6	Pens	941.75	841/84	947.48	841/94	947.4	941.04	9/5/94
NEXT	2/19/2000	N.8.7966	2/12/3996	BOOKELE.	2/82/2000	3/55/2006	BORE/BL/Z	040E/81/E	3/16/2000	2719/3000	3/16/2000	SHEETER A	S668/98.R	2/19/2600	BORE/BS/E	966E/85.E	SOURTENT.	219/2998	809878L/S	2/19/2099	BONE FRA	2/19/3966
DESCRIPTION	WATERING ACC.	NE ACCUBIULATOR	WATERING ACC.	2/19/2969 942 ACCUBALATOR	WATERING ACC.	BR ACCUSSILATOR	WATERAU ACC.	NS ACCUMULATOR	WATERAR ACC.	NS ACCUSS A TOR	WATERING ACC.	NE ACCUMULATOR	WATERING ACC.	NO ACCUMENTATOR	STATERING ACC.	BIZ ACCUMALATOR	WATEROU ACC.	NE ACCUPABLATOR	WATERAN ACC.	SE ACCUMILATOR	WATERING ACC.	2"9275689 PG ACCUMULATOR
MANUFACTURER	A.AQLADONAC 8	LIZINDONACS	ST KOTHEDONNECS	Lickisposecs	Liquipoiece	Liquiposics	LIGHEDORECE	T STREET STREET	галаромася	1.OLEDOISCS	8	1.4GLEDONECS	LIQUIDOMICS.	1.JOHEDONECS	LAGUIDOMICS	13000CE	1.EURIOSEC 8	LIGHEDONECS	1.49MDONBC#	1.00.00C000C4	NASHEDONACS	LIGHIDONICS
EID NO	G822831393393A19-	- N VENEZBEL (SZZRE)	Q82Z831283897A16-	-91 V. J. BESSEL 162760	Q612511262267A14	-64 VASSES 482385	C#82189 136 1997 A 18-	OS17301381987A19.	Q812831981487A18-	Q422835381467A19-	- BENTHER STREETED	- AVIIN BII BEZZED	-N W144 (E) E32550	CHEZZES EN PATAM-	-84 V91, 896E1 E4ZEGD	-84 WEL BREES CRZZBED	C#472531286227A 99-	G822831286227A19-	G822831381838A18-	Q82Z831281636A19-	GS12531282381A14-	- CH P1 912861 642869
SERIAL	24131		A4115	T	MIN	T	A4870	T	A4960	T	123.00	1	61 BEY		AHH	T	2682		A4891		A41162	
HAWA	a toned	1500	2002	2900	2002	¥.	200	1	2	2000	1700	3000	2000	2846	2000	*	8008	36	200	2000	200	¥
378	-84 2 . C X . MS &		-848.8 X . PM 9	T	B 240 X 2" 2 38"	T	BC 5 K . F 3 B		BE 2.5 X 916 B		B 344" X 3" S 340"		8 34" X 7 2 345"		-BE 8.8 X .MS B		8 14" X 7 2 18"		-345 E X -345 B		8 W" X 7' 2 W"	
CLASS	neeron)	-	T	-	-	-	T	T	T	-	-	-	-	-	-	-	-	-	-	-	-	-
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TEM MANS	Y CRORCU	A CMBHCA	A CARRECT	CREARCH	CHRINACH	ACMMINES A	A CNOWOR	Capaci	ASSEQUENCE A	A CARRACO	A CONTO	V CHOARCH	A Catheron	Y CREAKOU	A CHEWICH	A CARDARON	A CMENON	A CADMON	Caphaci	CROHOU	A CHOHON	CROWCII

9231 CSM	-	1000	1000	82 B CTI	1231131	M 10 10 10 10 10 10 10 10 10 10 10 10 10	Mes ess	ALBI CEN	M.S. CD	4282	H Sk CEN	C: BL CZM	23.04.02m		1000000	The same	10000	2008 1501	100000000000000000000000000000000000000	Ings con		NO
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2/16/2050	905E/81/E					A Comment of the			Bestales /E	3142300	BOSE FOLK	BESELVE A	See2.63.72	9602/81.2				Deerstore	210.2000	BBBZARLA	B082/81/R	NEXT
BIS ACCUMULATOR	WATERS ACC.	MO MOCHINGUA AND MANAGEMENT AND MANA	PER PERSONAL MICH.	at secondary I UK	WAR I ENONG ACC.	NG ACCUMULATOR	WATERWAY ACC.	NG ACCURAGE ATOR	WATERSH ACC.	ME ACCUMENTATOR	WATERING ACC.	NI ACCUMULATOR	WATERAW ACC.	NE ACCUBALILATOR	WATERURG ACC.	NE PLOCUMBURATOR	MATERING ACC.	HE SCCUSELLATOR	MIGTERUNG ACC.	NE ACCUMENTATOR	WATERRIS ACC.	DESCRIPTION
1. OCURDONACA	1.40LHDCHHCH	Ligispostos	R	SUGAMOORECE	2	LIQUEDOING:	LIGHEDOMECS	Liquidosacs	LIQUEOSECS	1. JOHNDONNCS	LIGHTONECS.	F.29kOdF24	THE STATE OF THE S	Liquidowica	3.1401/MOORCS	E. KSUMDONACS	THOMADOMECS	LIGHEDONECS	92	rangoact.	N. AQUISTONNICS	MANUFACTURER
G922931381918A59-	O#2289 128 18 18 19.	G82283 128 14 56A 56-	C#22'83 136 14 16A 16-	Q822931288631A18-	G#2Z#31358631A196-	Q61763 122223 1A 19.	O#12831382251A18-	-# YI CH 623 6622 685	CH1743186 H41A 94-	-64 VPGEEBES SAITERD	-8: VPEZZBS: EEZZBO	-64 VPK 20051 66 2005	-24 VPC468E3 1427-90	0407 45 15 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 1	G827 A 1974 514 59.	C822831281-43A19-	-61 PTO 1 TE 8622850	- SA VSPEZRA. *42759D	-64 VEPEZSES E43, 785	G#2Z#31251##1A.1#-	OBZZ83 828 888 8A 98-	EID NO
	A4817		181111		EUDEN		24888		HBW		A3467	T	PORCY	1	PROCY		MONA		143546		Addes	SERIAL
3000	2000	1	2900	2090	2996	2000	2000	2002	2000	MA	1	2000	× ×	2	200	3888	388	3880	2100	3862	ADVINCES.	MAWP
	B 54" X 3" 2 548"		-9K 5. S. X 9K B		# 34" X 3. 3 34"		B S A . M. E . B S &		BK 8.5 X 8 M.		8 W" X 3' 2 38"		田 5年 2 2 2 3 8 8		# 84° X 3' 8 34°		9 54" X 3" 2 35"		BKERK.ME		8 14" X 3" 2 3.8"	3/Z/E
1	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	1	-	-	-	mentered .	CLASS
Lagorage A	Y CRONCU	A CHOMON	A CMDWCA	A CMOHOR	Y CABMICU	A CHEWHON	A CSEDNO	A CHUMICI	Y CRO	V Coo	V Coop	A CHARMON	V DW	Y CA	7 00	V CM	V CON	Y Ca	Y Ca	Y 00	4	2
1500	HOW	HCU	HOW	HCF	HCU	HON	HOU	HCU	CROHCU	CREMEN	CHEMICI	200	CREARCH	CADACA	CADACU	CHDACU	CROAKCH	CADMICTI	CROHOU	CRDAICU	CREATCH	TTTGG WANGE

BPS1227	2046.020		100	20,000	100		Seeks FEBR	BPB 220	SER CO.	M2316277	MERICEN	MMCBD	MEM 6201	CEN CON	BES. EZ	SERVERN	8698 650	0000000	0000000	J.Pas. P.P.	200000000000000000000000000000000000000	No
	D#9434		-		080366	C#5527		04844		594649		C083944		1.28890		986.680		DECREE		D88842		BOARD
963.6	941149	967.60	901.00		2	961.6	200.00	Pen.8	Pen.e	961.0	941/84	PMALE	PANA	P0/5./8	761.A	Pen.e	Perus	PATA	201.00	947.48	pena	LAST
\$48E781/8	2/12/2508							2/19/2/99/6	2/19/2000	8986/BL/2	SUBSTERIA.	27127	3/18/2000	2/19/2900	SHEETH'S	2/19/2/200	2715/2500	2187989	2/18/2468	S.M.Zana	MMEZEL/E	NEXT
S'18/2869 WATERAG ACC.	ME ACCURAGE ATOM	WATERING ACC.	MI ACCUMENTATOR	NO WITH WATER	WATERWAY ACC.	NE ACCUMULATOR	MATEMAN ACC.	NG ACCUMULATOR	WATERING ACC.	NG ACCUMENTATION	WATERIAR ACC.	NI ACCURRA ATOR	WATERAW ACC.	STREET BEST ACCURAGE ATOM	S'1922000 WATERING ACC.	2/19/2696 PAS ACCUMBULATOR	WATERNI ACC.	NO ACCUMINATION	WATERING ACC.	SYNTHESE SHE ACCUMULATOR	WATERING ACC.	DESCRIPTION
902	T-GT-BO-MCS	2	Liquidosecs	Louisoneca	LIQUIDOSACS	LIQUIDONICS	LIGHTBOOKECE	LIQUIDONICS	2	1 TOTAL CARCO	8	LAGUEDOWCA	1.GLIDONICS	LIGHIDONICS	LightDoteCs	LIQUIDONSCS	LXXXIBDONECS	Licalistication	LIGHEDONACS	L.KGLIEDCHHC\$	E. FOLIADONNOS	MANUFACTURER
Q82784128 9811A16-	-81 VI 1228E1 1827ESD	G812811382111A39-	-84 VI 1 52 821 5.8 22 8 80	O#27531383911A16-	-94 V1.1 00 951 5927 605	Q82283 1302237A 16-	G#22831183227A16-	-N VETERA CHEZON	O922801002233A NA	Q822441283827A16-	Q822831823827A18-	G82241 1383437A14-	G812811183827A14-	-M-VESCRES CRZTRD	-84 VE286 PE1 682 280	G82283 13839 19A 19-	O#22911293918A19-	G82Z831282619A19-	Q92Z\$31283818A36-	-84 V45 EZ4ES C42729D	G822831282218A14-	BON CHE
X1146		144400			ASSES		A4477	1	8 PR PR		HEREN	1	A4986	T	Andes	1	A4606		A4823		A4149	SERIAL
1988	3846	31900	2860	200	2004	3696	2	2500	188	2000	2183	2000	2000	M	1000	3848	3800	2000	300	2000	-	MAWP
ows s. a . wife s		. Dre 5 . C X . Pre B			. 675 E. S. N Pris. B.		JAC 8.8 3.978 E		STERN PER		- BS & .C X Pr. B		.8% 8.8 X .Pf. B	T	-95 E .4 X -975 B		BEE. 1 . M. B		MIAX.MB		.BE 2.5 X .PIS 9.	378
1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		CLASS
Notation A	A CMPWCA	A CHONICA	A CMONSON	A CHOWION	A CHOWSON	A CMONON	A CHENCA	A CSONCA	A CHEMICA	A CHUMON	A CHIMICA	A CMONON	A CHUMCA	A Cabaca	A CHUMCA	A CHUMCA	A CWOWCA	A CHOWICH	A CHRINICA	A CORDARCA		<u> </u>
A STATE OF THE PERSON NAMED IN COLUMN NAMED IN	20	CU CU	SCU	KOU	2	NO.	100	HCU	100	NOU	HCU	HOU	HCU	POT .	HCU	MCM	A50	MACU	MCA	Mecu	жиси	ITEM NAME

NO	U231646	M231868	1891 CEN	1981 1271	theth	MESICEN.	STATE STATE	BREEEE	THE CT.	BESTER	MES CEN	BRES CETS	1881 CEN	EB61 CZ7	CONICEN	1061.027	BESI CEN	1881 CEPT	10011007	8991 CB1	M23 1689	L321676
BOARD	64589		069946		991480		089426		231680		045788		P82.880		91 04803		D89-484		D64462		129680	-
LAST	941.18	PENA	PERA	PERA	HELVE	PSTA	PERIO	948/84	PERM	PERM	MENAS	PENA	PMS.R	947.46	961.18	241784	P89.76	PER JE	Mana	PERM	941.18	966.78
NEXT	219/2096	3/19/2000	2/12/2060	3/18/2006	2/18/2006	2/19/3966	2/10/2004	2/18/2990	3/19/2000	STREAM IN	BREEZELA	SHEEFERE	2712/2006	2/16/3900	3/18/2000	2/18/2000	2/12/2905	2/18/2000	2/16/2000	2/12/2000	3/19/2600	3/59/2000
DESCRIPTION	NG ACCUMULATOR	WATERNI ACC.	NS ACCURAGE ATOR	WATERRY ACC.	2/19/2009 M2 ACCUMULATOR	WATERWS ACC.	NR ACCUMULATOR	WATERING ACC.	NO ACCUMBIA ATOR	WATERAN ACC.	NE ACCUMULATOR	WATERAR ACC.	HZ ACCUSAULATOR	WATERSO ACC.	NO ACCUMULATOR	STRIPPOR WATEROU ACC.	MS ACCUMBATOR	WATERAU ACC.	NO ACCUBRILATOR	WATERING ACC.	ME ACCUMULATOR	WATERAG ACC.
MANUFACTURER	STICHEDONACS	98	1.KSUNDONACS	20	LIGHIDOISCS	08	LIGUIDOISCS	1.KSLMDOMSC8	Liquibonaca	1.KQLHDOHBCS	LIGHIDONICS	LIGUEZGIACE	LIGUEDONICS	Liquidoiscs	FIGURDONECS	LAGLEDONICS	LIGHBONICS	LIGHBOONECS	THOMBOORECE	LIGUEDONICS	LIGUIDOIACS	1.XXI/SDCMAC 8
EID NOS	C012831381811419-	Q922931282816A16-	G812931282918A 19-	Q92Z931282216A19-	G822831282216A19-	O812311231818A19-	O#1280 128 18 1844 19-	Q827531281418A19-	SHYSLM SELESZED	C#12831369918A19-	- SE VELAN SES LEZZBED	-81 WES SPECE 18226C	Q#1281128/4918A14-	-84 VI EE-SE/EEZESO	-81 V. CE 8621 (827/20	-84 W0055 921 862835	O92Z931281838A16-	G832831261438A18-	Q#27831281438A78-	G83283 525 1879A 10-	Q81283 128 1838A 18-	-04 WEERSTI CRESSED
SERIAL		наем	1	C8413	1	H3776	1	AMES	1	A3818	1	HIREN	1	A4669	1	WIN.	1	Augus	1	A4113		A4823
MAWP	2000	2166	3900	2108	2000	2198	3866	3886	2000	200	200	1900	*	2000	1606	3606	2000	2000	1988	2000	1000	2000
3778		8 34" X 3" 2 38"		.BE 2.6 X .9K B	1	8 34" X 2" 3 38"	1	B 54" X 2" 2 56"	1	B 14" X 2 3 34"		3 M. X S. S. M.		. BK E . E X . PM B		3 M. K 2. S 30.		- Brt E SrS B		B 14" X 7 1 38"		8 W X 20 20 20 20 20 20 20 20 20 20 20 20 20
CLASS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	4
<u>26</u>	A C	4	4	4	4	4	4	4	V	4	4	V	V	Y	4	4	4	4	4	4	4	V
EM NAME	CROMCU	A CHRHON	CREMICU	CRIMICH	CADAICU	CRDHCU	CROHOU	CADAGU	CREMOU	CROMCU	CARMICA	CREARCH	CREMEN	CADACA	CADACO	CHERCH	CREMICU	Сядекси	CADAHON	CROMICU	CREMICA	CROMICU

REPARTED.	1000,000				1901 0001	280.070	1021966	9404.CE	esse eza	DBALED	1991.020	MB1 EED	UE21876	9739 ESW	reateau	0780 620		1	of the case	-	-	No
	U809.75		20000		Special		D84887		Decado		D80 197		112380		01.08907		- Separate		-		P1 0880	BOARD
948.49	945.46	BATCAR.	-	901.00	PATA R	BAN/B4	PERAS	945.48	9474	947.48	94784	PERA	941/94	967.48	94134	Henre	MALIE	Den.	DELLE	941.48	960.00	INSP
2/15/2946	3/18/2000							9682/81/E	B862/81.R	CONTACT.	\$15875996	948Z181/E	2/18/2844 2/18/2844	890E/01/E	2/18/2000						PARE PRINT	WEXT
WATERING ACC.	NO ACCUMBILATOR	ON TERMS ACC.	PG ACCUMULATOR	WATERING ACC.	NO ACCUBIGINATOR	SVATERIAL ACC.	NE ACCUMULATOR	NIATERAL ACC.	MOTA REMUCA IN	HATERAU ACC.	NO ACCUSSIALATOR	WATERING ACC.	N2 ACCUBILITATOR	WATERNIA ACC.	HI ACCUMULATOR	WATERING ACC.	ad ACCUSEUL ATOR	WATERING ACC.	MZ ACCUMMULATOR	WATERNI ACC.	962 ACCUMULATOR	DESCRIPTION
02	LIGUIDOBCS	a.squagosaca	Liquidosecs	LIQUIDONICS	Liquipowics	20	LANASONACS	LIQUIDONACS	TONEDGIACE	2	Therefore	Liquidosaca	Ligitaposacs	L STREOGRES	Liguspowers	T-IOTHOOMICS	S. AGUIDONICS	LIQUIDOSCS	LIQUIDOMCS	LIQUEDONACS	LIQUIDONICS	MANUFACTURER
G022031253045A56-	Q812491383838A19-	Q81283 1282624A 15-	-61 VDC8C821 E6.718D	C9222831283636A16-	OB3Z831283831A18-	** W CEEDEN 18238D	C#1290 1383000A 18-	Q82281 1251068A 16-	-84 Y8822381 1527389	-54 V##22851 E42280	Q82Z831282847A18-	O922931252947A19-	Q812101282347A16-	-81 WATERS (152382)	-M. V.1984 SZ1 1522850	G82Z831281847A19.	Q92Z631281447A19-	Q02Z831281447A19-	G#12#312#6#41A ##-	-85 WES-BASES CAZZED	-64 W8528871 C822860	FON CR3
нател		A4669		A4947		14444	1	A4906	1	CSEZE	1	A4613	1	Addis	1	Ade to		20200		A4634		SERIAL
386	2864	2500	2996	2000	3000	2190	2000	Beed	300	2100	1	386	¥	3800	100	M	2000	¥	200	2000	*	MANAP
200 B 16 M 2075 G		4 8M" X 2" 2 38"		B 14" X 7" 2 34"		8 24 X 7 2 345		-BE E. K M. B		B 544" X 8" 2 348"		-BE E. S. E M. B		8 84" X 2" 2 38"		- BK 2.5 X - MS B		3 MC. X 2. S 348.		-9K E. S.X . M1 8		3738
1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	CLASS
4	Y CROMCU	A CADMON	A CHONCO	A CHOWICH	A CMDWCA	A CUBHCA	A Catheren	A CMONON	A CMDWCA	A CHEMICA	A CHRHOT	Y CROMOU	A CHOHOA	A CMRWCA	Y CREMICU	A CNOWCA	A CHENICA	A CMOHICO	A CHOHCA	A CSBN9Ch	A CHOHES	194 ITEM NAME

NO	CEBECEN	U231894	BSS CZN	023 1584	2891 CTD	BESS CEN	MS CTI	BEEN CETT	1894CEP	2888 CED	DBS CDI	HERICED	9881 CZD	seecon	JANK CERT	Been CZn	123 1536	36.88.6271	11882871	23.64.520	EL BERTEA	MMCEN
BOARD	D89432		S89677		CHRESTO		167300		180.000		Becase		048643		088888		Mesher		D68629		282883	
LAST	MESA	967.8	\$49.A	971/64	945.48	PER IS	HERA	PERE	PG3.46	265.A	94546	Pers	547.5	965.16	941/64	P63/8	945.46	847.04	941.10	94.784	9481.0	PAN.A
NEXT	\$16.750E	27922800	BUREAUA	Bed2/81/2	2710/2000	219/2998	\$15/3986	2/15/2000	279472460	3/19/2069	CONTINUE	BORETON S	2/19/2040	SORE/ELE	\$1842999	999E/EL/E	2/18/2000	215472069	\$114Z000	51827980	2/18/2000	8052781/8
DESCRIPTION	NO ACCUMAN ATOR	WATERING ACC.	ME ACCUMULATOR	WATERNO ACC.	NO ACCUMENTATOR	WATERING ACC.	MI ACCUMULATOR	WATERNIE ACC.	NO ACCURAGA ATOM	WATERNI ACC.	ME ACCUMENTATION	WATERING ACC.	NO ACCUMULATOR	WATERWAY ACC.	NO VICTORIES VALOR	WATERAG ACC.	NO ACCUMULATOR	WATERSH ACC.	NO ACCUBOL ATOR	WATERING ACC.	NO ACCUMULATOR	HATERAU ACC.
MANIFACTIONS	NAMES OF STREET	LIGIDONACS	LIQUIDONICS	r-dividosecs	Liquidoleca	E-SOURCE STATE OF THE SECOND S	Liquipoiscs	92	LKSLEDONECS	LAGINEDONAC 8	1.01.8DOHECS	2	TATEDONCS	LIQUIDONACS	TYCHEO CHRCS	LIGHEDONICS	a.uquepoeaca	2	LIGHIDONECS	N. GOMDONEC B	LIQUIDORCS	92
E 200	-84 VYPACES1 1827890	O#2283 5363843A 98-	- W VY PRESENT BESTAND	-04 VET-84 853 1822 865	-FLVTM44221452780	G922831201947A16-	-R.V.(944 805 092240)	- N WED-M 523 482 2820	-H- VEDER 453 592 580	-82 V00 08 188 188 188 188 188 188 188 188 18	-St V9C94651 6AZ520	-04.746.1345.1340.	-64 VSCZ2381 5823285	-64 VRESESSES EEZTORO	G62Z831302638A16-	- 14 VI CRI 662 092360	C#12#312#1831A19-	- SE PULTOSES ESTESO	-BI PEZZBEEL582780	Q022831269918A99-	-84 VSI 81 823 692780	-81 AT CON BEST ENTERO
SERIAL	-	44048	T	Added	T	DHEV	1	нам	T	LIBERA	1	HOME		A6 942		20.00		Мазмя	T	AMERI		943 576
	3999	2800	M	¥	386	¥	3666	2999	100	200	M	2246	3999	3980	100	3968	2	2190	2000	200	3600	2100
	3380	B.W. X 3. 5 78.	T	-8 14" X 2" 2 348"		. B. S. S. X 995 B		98. X 2. E 34.		9 W" X 3' 2 38"		-078 8 .5 X byt. 8		8 54" X 3" 2 34"		-8K E.E X .M. B		2 344 . X 3. S 348.		B 14. X 2. S 34.		- 25 E . E X . ME B
	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4	-	4	V C	4	Y	V O	4	٧	4	V	70	Y	7 0	Y	V O	V C	Y O	V Q	V	A CHINACA
	A CMONCO	Y CADACU	V CROSCU	CRONCU	CROMICU	CREMACU	Y CHONICU	CROHOU	CRONCU	CMBHCU	CHINCH	Cathern	Y CROMOU	CARMICU	Y CREMOU	Сядиной	СМИНСИ	CREATON	A CNOWICH	A CWONCO	A Catheron	Descu

BTATE	M84427	M 84 EZA	73 88 EZN	M23 18 19	UZ3 1429	STREET	THE	CESH CEN	MENERAL	MESH CED	ATTM CEN	SENIEM	BESH EEM	M23.836	ATSHERN	SERVER CETT	CENTED	MES KEN	9084 EED	FEBICEN	UZ3 1637	\$284.EBD
BOARD	D68812		D89 187	062299		1,00000		049636		088864	D86647		Danaca		88678		D89477		D89429		D89627	
LAST	9-818-16	2488	281.8	MAG	POILIE	941.48	PARA	Meta	9/5/84	947.78	PETA	Penne	PERA	961.6	949.48	9471.6	Penn	Perio	PEARS	Pen.e	240.46	Person
NEXT	2/16/2996	2/18/2546	2/19/2006	3/18/2989	2/16/2500	N.12-2890	2712/2000	3/15/2989	PRESTALIT.	2/18/3999	278/2888	2/19/2000	STREETERS	\$15073633	599678678	3/16/2098	2715/2804	SPECIENT	DECEMBAR.	219/2008	2/18/2890	\$600/EF/E
DESCRIPTION	NE ACCUMULATOR	S'18/2569 WATERING ACC.	NZ ACCUMULATOR	NO ACCUMULATOR	WATERNO ACC.	NZ ACCUMULATOR	WATERNIZ ACC.	NO ACCUBILLATOR	WATERAG ACC.	NI ACCUMENTATOR	ECHACCUBALATOR	MATERIAL ACC.	SURFACE OF PERSONS OF THE PERSONS	WATERAG ACC.	SEZ ACCUSER, ATOM	MATERIAL ACC.	NU ACCUMULATOR	WATERWAZ ACC.	SYSTEM NE ACCUMINA ATOR	MATERIAL ACC.	HE ACCUSSILATOR	MIA TERMS ACC.
MANUFACTIONS	Liquidolacs	LIGUEDONICS	LIQUEDONICS	L.GLEXCHEC'S	LIQUIDONECS	E-IQUIDONICS	T NOT NOT OWNER OF	LIGHTOMECS	# 12MEDONECE	FACINDOMECS	LIGUIDOMACS	STOREGO STOREGO	LIGHTONECS	Liquipoleca	LIQUADCORCO	LIQUIDOMC8	LIQUEDOMC 8	20	E.ICHIBOCHBCS	2	Liquidoleca	200
E55 E08	OREZ 83 128 163 1A 16	-18 VEEDWEEL CREEKED	Q427631289621A18-	Q822501299627A19-	-84 WEERS SEEL COLUMN	C#1283 128 1823A 14-	ONSZ831381627A14-	CHATTH ELI METAND	- ON YEEPS SEES CAZERO	Q827831281431A19-	- CANTEN SER SECTION	OREZBS 125 1823A 19-	-04 VEZES SES EST EST 200	Q022931351837A16-	-M V LESS SES CR25 SEC	G92230 1264227 A 19-	-ti V 422 h851 t8255850	Q62Z631264627A16-	CS1290 (S24427 A 19-	G822831284827A14-	C382Z931286627A16-	Di Ticherona SRC CRC
SERIAL		Asses	1	1	MOEV	1	Addison	T	20004	1	T	44000	1	MATE	1	Augus		назая	1	H-234		
COMAN	DEMANES .	2000	200	2000	M	2800	200	2000	2800	2900	*	2800	200	25.00	27646	300	22	298	3998	2166	3800	
2010		- 30° 2 . 2 . 30° 8	1		8 14" X 3" 2 38"		BE S. C. X PIS R.		-8K E.S.E.M. B			B 34" X 3" E 36"		8 94" X 3" 2 36"		-BE E. K PR. 8		B 34" X 7" 2 34"		.BR E A X .ME B		
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		V	Y	4	7	Y	V	4	Y	¥	V	4 0	YO	4	4	4	4	Y	4	4 0	V	-
	A Currence	A CMOHOR	Y CRONCU	CRONCU	Y CADACU	CRONCU	CHIDHICU	CADARCI	A CHOHOR	A CHENHON	V CROSSCU	A CARRECTA	CHEMICA	A CHINCA	A CHOHON	A CHEWACH	Y CREAKU	Y CROHOU	A CHOALON	A CHOWICA	CREMICU	

BREN CER	OPPOS CERT	1000 CEN	1098 ESIN	M804 CBD	BBM CBN	9865 EZII	crestan	BBSKERN	1884 (20)	888880	BP 81 E.AT.	SPES CRIT	Descan	BPBKCEN	###CED	UE3 1844	CP-04-CE/N	W23842	U231841	U23 1848	9696 620	No
-	D08250		000240		089224		E85690		295983		112883		197580		089176		G88276		063630		A.8969C	BOARD
941.4	P67.0	20064	9,5484	96.8	PRIA	261.10	841/84	PETA	9/1/94	PRIA	947.76	8:04	961.08	PERSON	262.0	Pane	P#7.48	Perior	Perio	945.18	N1/94	LAST
SPREZIES CE	T-16-3406	200	B1 82858	2/13/2030	2/19/2000	986C98.R	2/53/3488	###E/#6./E	BBBR/BB/A	3/14/3696	3/18/2008	SASTISSAS.	BREARIE	219/2000	2/18/2000	2112/2004	808E/81/E	ROEZ/BL/Z	3/18/2000	SASTANA	B000763 /E	NEXT
TINTERS WATERING ACC.	T-18-3886 ME ACCUMULATON	DILLEGA WATERING ACC.	NO ACCURNATION	WATERAU ACC.	NB ACCUMULATOR	WATERAR ACC.	MOLY WHEN SON SHE REESES.	WATERAR ACC.	S/19/1989 HIS ACCUMENTATOR	WATERWAS ACC.	NE ACCUSSE ATOR	WATERAG ACC.	NO ACCUMULATOR	WATERNY ACC.	HE ACCURAGE ATOM	WATERAG ACC.	BE ACCUMULATOR	STOUTSON WATERWAY ACC.	DES ACCUMBISATOR	STRIZER WATERING ACC.	NO ACCUMBLE ATOM	DESCRIPTION
8	LIQUIDONICS	£	LIGHEDONECE	LIQUIDORICA .	1.00.00000003	Ligisposacs	Liguigosacs	LIQUIDORCS	TAGUEDOMICS	2	LOSSOCIATION	E TOTAL DOMOCE	FIGURDOWCE	LIGHIDONICS	Liquisposaca	I JOINDONNES	LIGHIDONICS	T-CONDOINCE	Ligusposecs	TACHEDONACS	E-IQUIDONICS	MANUFACTURER
G#2783136439414	-81 V96.252815.592.890	- N WSC 56 34 26 22 280	O82243 128423 1A 14-	-08 ES ESPESS CA 2280	-09 EX (94 E85 69 E85 25 60	-84 Y1 (P458E) (828R5)	G82Z831358833A18-	CHILESTERNESSA NA-	C#22#3 138#4334 14	C#42263 1286423A 18-	- 64 Y) C166821 C622397	CH 71 CHRSCN 02/21950	Q82280 1298813A 14-	G81285 (389231A 19-	G922931294631A19-	-SA VI CORRES CAZZONO	C0022831384623A19-	O#37\$312\$4623A10-	C#22931295427A34-	Q822031364427A10-	G8123311264223A 94-	BON OH
12837		18148		AMM		ASSA		ASSES	1	назы	1	AME	1	ANGES	1	A3871	1	AMETR	1	24948		SERIAL
298	2000	2100	¥	2006	2000	200	250	H	Mee	2168	H	200	200	2500	¥	2000	E	H	2602	¥	25000	MAWP
24° X 3. 3 28° E		.BY 1 2.1 .MY 8		-81 8 .8 X .M. B		. BE S. E. X. M. E.		B 54" X 9" B 36"		8 34° X 8' 8 38"		-M. Y 2. 5 78.		. DE 2.5 X . bit 8		- MILTA M.		B 544" X 5" 2 518"		. Sr E . E X . 395 E		378
-	-	-	-	-	-	-	-	-	-	-	-	-	-		4	-	-	-	-	-	-	CLASS
Il Manager A	Y	A CMBHRCA	VO	4	4 0	V	4	Y	Y	4	YO	٧	Y	Y C	V	4	Y C	YO	V O	4	-	E
DAGE ILANGE	CNOHOU	DAICU	CREMICA	A CMBNICA	A CWOWCA	Y CROACY	CHEMICA	A CMOHON	CADACO	CROHOU	CARRACO	A CHEMICA	A CSEWICH	CHEMICH	CROATON	CADACU	A Cadach	CREMINON	A CHENHON	Сяданси	A CHENHON	ITEM NAME

No	1991 CEN	E888 EEN	123 HE3	U231864	U23 1986	9991 EZU	TP94 CEN	BBBH CTD1	BREN EST	U33 1676	183 1971	E294 GET	U\$3 9873	M23 N574	M2 9676	F23 N570	7281 1277	UE3 1678	W231670	6098 CZF	1 888 620	20M CB1
BOARD	181 680		D80341		298343		D80267		643 630		048617		E18843		D89366		259999		D887/43		68869	
HAST	873/8	94114	PATA	BELIA	941.48	Perus	841/8	PERIO	94148	Perior	N. A.	Pena	PAA.	PMAR	94578	947.44	Perse	PETA	941.4	PB1.R	PERIO	P61.48
NEXT	SSEE/ELG	2/18/2008	SPECTRA II	2/19/2000	2/19/2009	2/18/2990	BBCE/SILIE	3/10/3999	DOREGISTE	BREEZERA ZE	BROKENSA.R.	BB80781/E	ревстви	EBBZ/BL/R	B005/81/5	2/19/28/92	Deeles A	BREEFELE	DESERVE	3/18/2859	219/3949	\$692769.R
DESCRIPTION	NI ACCUMULATOR	WATERWAY ACC.	NO ACCUMULATOR	WATERNE ACC.	NO ACCUMBIALATOR	MATERING ACC.	NI ACCUMBALATOR	WATERNI ACC.	NE ACCUSION ATOR	THA TERMS ACC.	NA ACCUMULATOR	SHATERING ACC.	MI ACCUMAL AFOR	WATERWA ACC.	NI ACCURAL A TOR	SWATERIARS ACC.	MI ACCUMILATOR	SHATERING ACC.	MI ACCUMULATOR	WATERNI ACC.	NO ACCUBBILLATOR	WATERING ACC.
MANUFACTURES	LEGISCO-SC S	2	1.033DOMCS	Liguagoisca	LIGUEDOMECA	a source and a sou	a advantage a	#300000FDFT	THOMBOMECE	Liquipolecs	CHOMBOONSCS.	LIGHTOMECE	LightDOMC1	LIQUIDOWICS	Ligasposacs	2	LACK-RECOVANCE	2	LIGHBOOMCS	GREER HYDRALLIX	LIGHEDONACS	Liquidocaca
SON OS	G022831286436A19-	Q822931285347A16	O82281128447A14-	O#22431884481A16-	- AN EN SERVES I CATTERO	G922991284343A16-	Q81283 6384343A 16-	G#82783 8283443A 96-	-44 WEAPSES 66238D	- 45 VSECHSES EBZZBED	G61289 8263438A 99-	-61 VSERESE1 E82280	C#8280 1383938A 18-	G827831285438A19-	-84 VBEPERRI 6821843	G821831283461A14-	CHEZSS 128346 1A 18-	O92Z831283861A19-	-84 VI 98CEEL 18ZZED	Q#27831254381A19-	Q022031284281A10-	Q#22831283047A18-
SERIAL		MAZEN	T	A3817	1	AJBES	T	Men	T	A3867	1	MAN	1	ASSEA	1	1756	1	201701	T	A8212		A3966
MA MARIA	mount.	2160	250	200	BARE	2000	2500	2	*	*	200	2000	2000	2002	2960	ä	3666	2160	-	7.8	#	3000
9176		.BK E.S X .PK B		-BE 1.6 X .M. 8		84. X 2. S 78.		.M. X 2.E 78.		8 64" X 3" E 345"		MERKY 3 8		- 81 8 X - 915 B		PKE-2 X-4		8 247 X 872 348"		8 Ma. X 2. 3.		9 Ca6" X 3" 2 Sa8"
2 48	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
ž	4	4	4	4	Y	1	4	4	4	4	4	4	4	4	4	4	Y	Y	4	Y C	4	4
PER HAME	Y CADINCU	A CMONICA	A CACHICA	CREMICI	A CMINACA	V CREATON	A CHOMOS	A CHURCA	A CWINNON	A CSERVEON	A CMOHOR	A CHERCA	A CHOWCO	A CHOWCH	A CEMPROR	A CHEMINA A	Y CABACU	A CHITHCH	A CMPNCA	Y CRONCU	V CRONCU	A CSONCIA

No	U23 1683	123 H84	9894.020	9894 EZI)	U231687	BBH CTI	BERN CEN	MEN CEN	1684 6221	ZOSH CELY	E884 CST)	Pen san	M85 EZT	POPS CEN	2895 CET	BRESCEN	6694 EEM	9443 CZS	16431283	E84142m	M31783	M821827
BOARD	981 680		048316		D88214		069748		D89218		D46139		244344		D86397		D68234		D88299		Des 178	
INSP	Perine	MAN	P6/1/8	961.18	PERME	MATA	PERIE	PERA	PERA	P85.78	PRI/R	948346	MAN.	9/1/94	Perse	961.78	9453.78	PERIO	941/6	961.6	PERIO	940.49
NEXT	SOREZ/BE/R	3/18/3000	2/10/2800	\$482781.E	2/19/2000	BREEZERRE	3/12/3696	2/18/2640	2/19/2009	\$15250A	2/18/2000	BRECEIG	\$1502908	BEBERNE	SPECTRA IL	2/18/2000	B005/81/R	9862751/R	3/12/2966	3/18/2986	3/18/2006	BORETALIE.
DESCRIPTION	NZ ACCUMULATOR	NIBISBAD WATERING ACC.	HE ACCUMULATOR	STATEMAN AVATERIAN ACC.	ME ACCUMULATON	WATERING ACC.	NZ ACCUMENTATOR	WATERNIE ACC.	NZ ACCUMINATOR	MATERIAL ACC.	NA ACCUMULATOR	WATERMS ACC.	NI ACCUMULATOR	WATERRI ACC.	HI ACCUMULATOR	WATERAD ACC.	NO ACCUMPALATOR	WATERAL ACC.	NO ACCUMPA A TOP	WATERNI ACC.	NO ACCUMULATOR	WATERIAN ACC.
MANUFACTURER	FORMOGREDITE	LIGHIDORGS	1 ISMAN ASC B	индонся	ROBE DATE	BORNOGRUDIA	T IQUED CHIEFE	Liquiporaca	LIQUIDONICS	FTGTHBOHBC8	LANGUAGE	LYGUNDONSCS	LIGHECONCS	2	LEGISDOMCS	N. ACHIEVONICS	LIGHROXHBC8	THE PROPERTY.	1.02LEDCHECE	LIQUEDONECS	LIGHISCHICS	S. AOLADONAC S
EID NO#	Q82Z931383047A18-	-64 VEPPESS 162260	G822331283943A-8-	G#22#312#4943AN#-	C#32033284843A18-	Q#2Z\31266843A19-	O822931268943A19-	- 44 VPES-9841 ERZEED	O#1241 (294416A 76-	- 14 WRETHER SEE SEE	G8128311836364 89-	-81 Y1 ERCSES CR228D	-N.V. ERFESS EBZZEO	G#22#3 12#3#2 1A 94-	-95 V1 5955231 59228D	Q82Z831Z86431A16-	Q82Z831288431A19-	CH1263 62450 19A 19-	-M Wes esses sezzed	G#27#3128#613A1#	-31 YES 89823 ESZ ESC	- GRZ 25 12 642 18A 19
SERIAL		MELA	1	ASSE	T	AMES	1	A3864	T	ASSEA	1	A3865	T	наты	T	A3818	1	Allega		ANGST	I	63922
HAMP	300	¥	2000	2500	2000	100	2686	100	25000	3000	388	200	N.	2192	Men	25.00	¥	2	2	H	2900	1
3/2/6		. BT 8.8 X .M. 8		- PE E.E X - MS B		. BE E. E X . MS B		8 W. X 2, 5 78.		8 14" X 2" 2 349"		- BY 8.8 X M. B		-91 2 . E M . Prt 8		明 140 元 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1 日 1		. M. X 2. 2 38.		# 246 E .E M. BF. B		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
CLASS		-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
20	4 6	4	4	4	4	٧ 0	V 0	4	7	4	5	Y	Y	4	V Q	4	V O	Y	4 0	Y 0	V	4
ITEM NAME	Y CREEKCH	A CMOHER	A CBONCA	A CMDHCR	CROAICU	CREARCH	Y CROHCU	A CMONCO	Y CABAICH	CROHOU	V CROMECT)	A CMOHON	A CSONICA	CADACO	A CSERVICE	A CONTRACTA	A CERTHON	Y CROMOU	СВОНСИ	A CMONCA	A CWENTON A	INDRODE & A

M211736	-	PEASTER	W13120	CELITER	EE11687	I Triday	200000	2000	11 11 000	A 71.000	W.0.020	M23.62.89	WHITE I	13.01m	HARRED		transament in	U231798	U231788	1970787	100000	No
	resser	790807		D48616		D488 18	256080		278980		Desaus		69998G		089976		-	ATTENTA	-	Page	S.T.DBETT	BOARD
MENT	941.78		A. C.	PERMS	8/5/84	2	8008	PRILIP	MAG	961.48	941.48	241.00	PERINE	PERM	8/184	991.00			-	808	Delta de	LAST
2/19/2005	5002/81/2					BAREZON O					2716/2606	3/18/2690	BESTER	BREEZAR	BCBE/BLIE	B082331/E	0000701.0	2102000	SHOT/SLIT	2/18/2000	2/14/2000	NEXT
SWATERWAY ACC.	NO ACCUMENTATION	THE PERSON ALCO.	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAM	No Accided a second	MATERIAL ACC	WA ISWEE ACC.	30 ACCUMENTATOR	WATERING ACC.	NO ACCUMILATOR	WATERING ACC.	NE ACCUSHIA ATOM	WATERARI ACC.	NS ACCUSSISLATOR	WATERWAY ACC.	EVINCENS BUZ ACCUMULATOR	SVATZBOB BRATEFING ACC.	er rendement and	WANTERSHIP ACC.	STREET WE ACCUMINA ATOM	WATERING ACC.	NO ACCUMULATOR	DESCRIPTION
LANGE CA	LIGHTOMICS	R	L-AUGUSTAC 8	E-Menderey.	1.RSHEDORGE	R	LIGHIDONICS	LIQUEDONECS	LIGUEDONECS	Laguabonacs	LIQUEOSACS	r variousca	A AGUNDOMES	FOREOGRAPH	LEGINDONSCS	auguspousca .	Ligiapciacs	X BYWWGAK BERNO	T-IOTHEOMICS	LIGHROOMECS	Ligiaposaca	MANUFACTURER
CM8288 52830 58A 90-	O832831284211A14-	G822831284211A19-	Q#2283 128399 1 A 19-	G82Z8312838115A18-	-81 V1.1 PCSEL 042280	-81 V11 PERSI SEZION	Q922931253427A19-	CHALLER CRITERIO	CHEZESTESSESSESTANS-	G822831363427A16-	G62Z6312839855A19-	- N. VEEDSTEEL SEZZEG	-84 WEST-CRESS DREZEND	-N. PETSTERS BAZERS	-6x PTESSESS 632290	-BI WEERINGER THEZEND	-95 VBI NEREL ER278D	-91 Y58 P15811 182128D	-61 Y 81 85253 582285	-61 WR 40521 C62250	Q#22831384318A19.	NON GES
A4081		192784		A4674		E487H		Addes	1	Adda	1	MORE	1	AMM	1	1,9907	1	18894		A3876		SERIAL
100	2966	1166	386	<b>8968</b>	2908	7	¥.	-	'MK	2000	100	¥	200	350	MAN	3806	3866	¥	2000	2000	-	MAWP
- 0.0 A arth &		.BY 5.5 X .ME 8		.BE B.S X .M. B		-40 E.S.X . HE B		. SE S. S. N SPS S		- BK S .S X .MS P		8 St. X 2. 8 28.	T	S 14" X 7 2 34"		B 54" X 2" 2 34"		8 M. X 8. 20		.M. E. S. X .M. B		58 F7 F6
1	1	-	-	-	-	-	-	-	-	-	**	-	-	-	-	-	-	-	-	-	-	CIASS
2	Y CR	A CHENHOR	A CSOMEON	A CMOHEON	V O	٧	V 0	4	Y	V O	4	Y	4	4	4	Y	Y	Y	Y	4	4	2
	CRONICU	BARCU	DHCU	DARCU	CROAKCU	A CHRWICH	CHORKCU	CHEMICA	CHOHICH	CRDHCU	CHARACT	CRONOU	CHARGO	CARACC	CHORECT	CRONICU	CADASCU	CROMCU	Y CROHOU	Y CRONCU	CADACU	TER EAR

UE2 1748	ranten.			1	001100		194468	M21740	04.45 ctm	M21736	AEU ESM	0878780	W.Liston	Deziem	-	Pe 11 690	1000000	9001000	8671.050	MEZICEN	18/1890	No
	282880		001 680		977590		THERMO		062283		(SESSO)		Becase		Present		-		691.690		098848	BOARD
\$794	9/5/94	9797	BEA.R	9671.00	9.004	PRILA	PM.	9754	957.00	94848	27.094	847.84	94/1/84	PERIN	840.48	PERLIE	Defra to	961/8	965.0	MANA	PRAIR	LAST
3/18/3:580	3/18/2944	3005721.0	8032/BC/E					2/10/2000	2/19/2030	SAMEANS AS	2754/2000	3/18/3044	2/19/2009	B085781.72	2/18/2000	2718/2900	9696781/8	2/18/2899	BB62/88./E	2/19/2689	2/18/2000	NEXT
3/18/2000 WATERRY ACC.	NO ACCURRA ATOR	WATERNIZ ACC.	NOTA SUBMUCIAN SE	WATERON ACC.	POT ACCUMULATOR	WATERWAY ACC.	MI ACCUBALLATION	WATERAN ACC.	NO ACCUMILATOR	WATERIAN ACC.	NI ACCUBILLATOR	WATERWAR ACC.	NE ACCUMENTATOR	WATERWAY ACC.	HIS ACCUMULATOR	WATERWAY ACC.	NR ACCUMENTATOR	WATERING ACC.	SE ACCUMBLATOR	WATERWA ACC.	MI ACCUMULATOR	DESCRIPTION
A ACLARDONACS	1.XXXXDOMCS	LIQUIDONECS	1 JOHN CONNCS	A LOUISDONAC'S	LAGABONECS	L-SOMBOOMICS	FRENCHOOMECE	LIQUIDONICS	E-KWADONECS	2	3.00,460,460,8	LAGARDONICS	8 TOTAL CONTROLS	2	FORMODERO	LIQUEDOWC4	LIQUEDOWICS	T NOT THE CONTROL OF	1. ASTREOMICS	LIGHIDOHICS	E.IGLIBONECS	MANUFACTURER
O#1749 1356839419-	O627431288638A10-	G52243 1258638A 18-	G9224312846334498-	G812783 1284638A 19-	G88239 13842384 14-	G82283 5284238A 19-	Q#22811296377A19-	- ALV ZERBEL 1822850	G8278313846 HA 18-	WWB PHEEL COLLEGE	G#1243 12#49 18A14-	CBSZ851284018A18.	Q422331304418A14-	G#27831284915A19-	G812911394218A19-	G#2783 12842 HA 19-	Q822831383616A18-	G02283 83838 18A 18-	CHEST HERE HEETED	04231185H HA14-	-01 VSL 61 SET 1827890	EID NOS
A3976		AND		VX839		A3874		A3844	T	нами	T	ANNE	1	146348	1	18879		Addes		A7319		SERIAL
2000	3000	*	3446	100	200	2000	3660	2000	H	2160	3808	1986	¥	200	¥	2000	8	¥	260	2500	-	MAWP
ARE S. F. K. PR. D		- Mr 8.8 K . Ms 8		-8K 8 .K x .Ms 8		#6 8.8 X .M B		6 14" X 3" 3 38"		8 5 4° H 3° E 348°		8 8 8 4 T 8 B 8 8 T 8 B		. BY 3.8 X . MY 9		B 54° X 5' 2 34°		9 SM" X 5" 2 SM"		-SK E. E X - PR B		8228
1	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-		CLASS
4	Y	Y Co	Y Q	V Q	Y	7	Y	V	Y O	4 0	4 0	4	4	4	Y	4	Y	4	4	4	Y	56
ILMYGEC A	A CMPHCA	Y CROACU	A CMOHON	A CMOHICA	A CHOMCA	A CMDNCA	A CESTACA	A CMEMMON	A CHONICA	CROMICU	A CMBWCA	A CHEMICA	A CHRWATA	CREMICA	CADAICA	A CHONON	V CRD4KOU	A CMONICA	A CHOWICH	CHONCU	CABARCH	ITEM NAME

No	W231749	89.11.EEF	U231761	W23 5762	UE31763	W231764	984312m	M231758	M23 6767	89.01 CBD	M211738	W231788	1843 620	100.00	G831743	W231784	W211764	US3 1766	2941EBM	M21769	6841EED	9443 EBN
BOARD	049198		961 880		982380		095890		D88243		PCRESG		D08999		D <b>49</b> 244		Dassas		D98212		048294	
LAST	241.04	181.4	MANA	948.46	941.48	Parke	PSV.R	945.46	941.48	961.8	PERINE	200.00	B15/54	94.494	948.48	P6/1/G	961.6	BV084	841/84	B-511.78	9/194	963.48
NEXT	2/19/2000	2/18/2000	2/19/2999	2/16/2544	2/10/2004	3/18/2988	2/19/2000	2/18/2860	DesErts 2	2/19/2000	\$19/2909	3/10/3040	BASELES /R	896278578	2/18/2H46	2/10/2000	2/18/2000	2/19/2000	2/19/2000	\$115/2944	2/18/2900	2/18/2008
DESCRIPTION	RE ACCUMULATOR	2'19/2900 WATERNIZ ACC.	NO RECUMBILATOR	WATERING ACC.	ELITABLE ME NCCURE, T'ALOR	STREETH WATERNES ACC.	2/19/2999 NG ACCUMULATOR	WATERMS ACC.	NO ACCUBERATOR	WATERRE ACC.	NZ ACCUMENTATOR	WATERING ACC.	NA ACCUMULATION	WATERNIZ ACC.	NO ACCUMULATOR	WATERAU ACC.	NZ ACCUMBLATOR	WATERING ACC.	NO ACCUMULATOR	WATERING ACC.	NA ACCUSES ATOM	219/2000 WATERING ACC.
MANUFACTURER	8.AQUEDONECS	Q.	LIGHEOMICS	TOPPORTOR	LIGUEDONICA	AJD:JBDOMCS	Ligusposacs	E-QUIDONICS	LIQUIDONICS	1 - SAMBOHACE	LAGUADOARCE	E.IGL/EDGANCS	8.108/8DCH8C8	A LIGHTECONNCS	L.IQLIDONGC8	B.DOLEDONACS	1. AUTROCHRC8	LIQUEDONACS	1.00/8DORGS	Ligatorieca	THAT ONC !	LIQUIDONICS
SON OS	-84 V8C89825 652280	Q#22831284447A%	G822831236447A16-	Q#2Z#312###47A19-	CH22831384647A16-	O82283 1354347A19-	C922631294247A19-	C#17411553447A14.	O63233 1263847 A 18-	G822931263447A19-	-41 V.2946.31 68.2890	- 14 VPRSS 1582 14255FD	G82Z831283868A18-	O#27831253468A14-	G882631383486A19-	C982Z831E43968A 15-	- N. WESTERZI 1282340	G#27831283448A18-	G822831283488A19-	C622831263888A19-	Q82Z831293856A 18-	G622831284286A19-
SERIAL		10734	1	A3867	1	A3066	T	ANGER	1	Reevy	1	BREEV	1	A3849		Auges	I	A3987	T	A4462	I	AMER
MAMP	3946	2100	M	200	100	2990	¥	H	2000	25000	20	2888	H	*	¥	2660	3806	3886	3966	3000	2000	2846
3778		. BE E. S. X . FPE B.	1	. W. X S. Z 3/8.		-DEE.S.KM.B		-BES.5 X . M. B.		BESTE MES		8 84" X 2" 2 340"		B 14" X 2" 2 345"		8 24" X 2 2 348"		. Brt 8.8 11 . Prt 0		-81 8 . E M . M. B		8 W. S. S. S. Ma.
CLASS	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
<u> </u>	7	4	3	3	3	4	4	4	4	4	4	4	1	4	Y	Y	V	4	4	4	V	4
ITEM NAME	A CHOMPON	CRDANCU	A CSBHCA	A CMOHON	CREMICU	CADASCU	CADAKCU	CADACO	A CHRISCA	A CMBHICH	A CMBMCA	A CMONICA	CADAICU	CADACA	CREARCH	CRONCU	CHIMICU	CABANCH	CROSCU	CRIMICH	CREMICH	CROMECH

No	122121	14.0 ctm	E441577	M231774	W335778	81111EF	MINER	W23 1778	eurith	- BB21CBD	184167	M117M	18311287	W231754	MES EZM	M31786	M231787	W231788	UE21780	MIN COM	1641570	88.01597
BOARD	901899		065313		249348		LOTREC		D49294		2002114		D48311		049683		991980		D84344		048184	-
LAST	P61.76	247.0	Pena	PERINE	PEAR	PETA	PMA	Pene	PERIO	PBA.RE	PERIO	985.78	944.6	PREST	MAN	B-015.00	PERIE	PRITA	PENA	PERM	PRIM	84184
NEXT	BOOK BLA	S/18/2000	PRECTA: A	2/18/2000	2/18/2606	2/10/2986	2712/2008	3/19/2009	3/19/7946	3/15/2009	2/18/2999	2718/2000	2192980	BBBZ/SE/A	BESEVELE	\$1807844	BARCASI /E	DESCRIR	2712/2006	2/10/2846	2/10/2598	SAME L'ELLE
DESCRIPTION	HZ ACCUMULATOR	WATERNS I'CC.	NE ACCUMULATOR	WATERNE ACC.	NZ ACCUMULATOR	WATERING ACC.	BUT ACCUSSION ATOM	WATERRY ACC.	NS ACCUMENTATOR	WATERRE ACC.	HE ACCUMULATOR	WATERNAM ACC.	NO ACCURAGE ATOR	WATERWS ACC.	NO ACCUMBA A TUR	WATERING ACC.	NO ACCUMULATOR	WATERNI ACC.	NO ACCUMBATOR	HATERING ACC.	NZ ACCUMULATOR	WATERSH ACC.
MANUFACTURER	F) B)	R	LIGUSDONICS	LIGHEOMECS.	LIGHIDONICS	2	LIQUIDOMCS	R	LIGHTOCHECS.	LIGHTOCHECS	LIGHISOCHICS.	LIGHTDOMC8	10140CHICS	1.01/2004CS	Light appoint a	LIGHIDONICS	LACHIDOMIC &	LIGHTSCHECS	LIQUIDOSSCS	LIGHNOOMICS	LIQUIDONICA	LIGHBONICS
BON OIS	G822831284255A19-	Q882831284856A18-	Q822831384866A19-	G82Z831288841A18-	-04.31.899811.83.280	OB32311386441A18-	Q822931389443A19-	- N WHENEVELLES TO SEE	-94 VBESSESS SEZESS	G012801288838A16-		- OS PDE-1984 1862 2500	C#2Z#31284#36A 16-	- 41 V9CZP911 (19.Z280)	Q812831284236A16-	C#22931295#31419-	O#22831284831A16-	- SE VER PESTI (18218D	-81 V91 1982 1282 180	Q822831288811A18-	Q82Z931385911A19-	Q#2Z#313#4#11A1#-
SERIAL		144188	1	AMA	1	наява		114448	1	A3960	T	MERTY	I	ADGA		AJMS	I	ASSES	1	AMER	1	MERCA
MAW	2900	2986	25	3666	2000	100	¥	H	22.00	100	M	H	2000	H	200	*	340	200	3866	3800	3000	3986
37/E		. BY E. S. Y. MY B		B W. X 3' 2 34"		- BK E . K X . PM B		B 34" X 3" 2 340"		8 54" X 3" 2 34"		B 145° X 5' 2 345"		. ME E. R. E. ME B		. BY B. S. X . SM. B		8 54" X 3" 2 348"		8 3 4 3 2 3 3 3 3 8 B		8 14" X 3. 5 76"
CLASS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<u>8</u>	*	Y	4	4	4	4	4	×	4	4	4	4	4	V O	4	4	4	4	4	4	4	V
ITEM NAME	A CSOWCA	A CUBDA-CO	A CHOHON	A Cameron	A CHOMOON	СЭВИНСИ	CROHCU	CHEMICA	A CHURCO	CROMICU	A CHOHON	A CMMMO A	A CHIMINA A	A CHORDEO A	СИВАКСИ	A CMPHCA	A CHENCA	A CMBHON	A CHOHON A	Y CROMOU	A CERTHICA	A CADACA

2000	+	W231677 8431	W31479	B485 E850			BIENER	. 88127	WTeNG (MRSEN	+	STAND DATE	1	+	882880 LBNL42D		UG3 1796 D866 19	1	+	U231797 D88938	UE31794	U231796 DES141	+	No BOARD
84/1/84		8477A4	16:34:94	10/24/94	DESIGN.		MARKE	13/6/64	Non-	Mens	BELL A	BV VIOL	MANA	-aus	Pene	9451.0	9611.00		New York	+	+	NE IN	-
847/87		4:17:07	1875/85	18/24/97		I	T		2 200	-	DOSE TRACE	2792000	DESTRIK	2/10/2000	2747844	2/19/2aeq	2502000		2/12/5000	2/19/2004	2/19/2000	2/10/20	-
Madowish denoy is	SPANNIS HOME OF THE PERSON	AND AND STATE OF THE STATE OF T	SACITISE OF COORSE	PARCILLIBER OF COOKER	ENC ACCUM FAS HOS SUPP	The last of	BAC ACCUSA FAS NOS STORE	CHC ACCIDE B IN 1975 ON V	DO ACCUMENT MAN.	NA ACCUMBALATOR	WATERRES ACC.	PER ACCUBATE A FOR	WATERNIZ ACC.	BOZ ACCURBULATOR	WATERING ACC.	MI ACCUMULATOR	WATERING ACC.			Marshan Marshan and	AND ADDISON OF THE PARTY.	NATERAL ACC	DESCRIPTION
SERVI BINGHE MY AM	PROCESS ENGAGER	State When I seed	MA STATE OF THE ST	WONTLOCK MFG	PARKER MANEEN	St. ACRES ST. ST. ST. ST. ST. ST. ST. ST. ST. ST	AS ABBOTCH - LOCAL BOOK	L SQUADORBC S	LIGHADONACS	LIQUEDOWC\$	FIGHED CHRIST	LIQUIDOVACS	1. KOLHEDOMECS	I. KSLEDOHECH	LIQUIDONICS	a removation	T-KOLABONACS	Laguagosaca	E. AGANEDONACS	r-sandocade 8	T. September 1	LIGHROOMECS	MANUFACTURER
GENERAL BROM	DEMONSOR SHOW	- 11H - 64 5122880	-	DB 1799 48 444	OB 1284608 - A 14-	98 1Z 8688A A 16-	QH 52 8865 A 16.	OR12811281481A18-	- SE PESPESSES 182. 2003	G82Z83 1223803A 16-	- M. YESWEST: \$127.00	-54 V LENGES LOLLERD	CB2283 1283607 A 16-	O#12431283467A19-	G02285 5283407A 19.	Q81Z93 5253697A 16-	-BLY/SOUSSI DEZ DED	G832831304387A14-	Q92Z83128438TA18-	Q822831284467A16-	Q82.7631284467A36	Q82Z831284411A18	EID NOS
Merc	C-99498				0.49-394	D-48-261	PARS 384		A4676		A8864	1	44873	T	A4840	T	AMITE		A4981		CORP.A		SERIAL
186	*	PERME	-			***	1986	H	2666	100	2000	3666	868	¥	200	2	¥	3006	Hee	¥	25		HAWP
-	88" X 227.8"	. 80 X . 80	MX X M		1733 CU BU	NATO SELLI	ST NG CU MI		SPE E E M IMS &		- BE & . E . M. B		BE S. E E. M. B.		BK 2.4 x .m. 8		9 Mg. K S. S 300-	1	B 14" X 3" 2 34"		-BE S. S. XBE B.		3228
	1				1			-	-	-	-	-	-	-	-	T	-	-	-	-	-	-	CLASS
A STATE OF THE STA	BOWWOLS HEBBAND (Bright) IN	N BANCITURE OF COOLER	M BACK LIBE OF COOLES	and announcement of	MAN TOWNS TOWN M	N ENC ACCUMALATOR	N ENC ACCUMALATOR	A CHENCA	A CHOWICH	A CMOHOT	A CSONCA	A CHUNCA	A Cathelon	A CSEMICA	A CEOMOTI	ILAWAREA A	Y Capaci	Y CREMICH	Y GRONCH	Y CADACU	A CMRNON		2