

LASALLE COUNTY STATION UNIT 1

FIFTH REFUELING OUTAGE

ASME SECTION XI SUMMARY REPORT

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## I. INTRODUCTION

The Inservice Inspection was performed during the Unit 1 fifth refueling outage which began on October 3, 1992. This was the first refueling outage scheduled for the third Period of the 1st ISI Interval. Having deferred the percentage of examinations for each examination category required by ASME Section XI until the next refueling outage of the 3rd Period resulted in essentially an augmented ISI during this refueling outage. The scope of inspections included ASME Section XI augmented examinations, and N.R.C. required augmented examinations. All examinations performed were in accordance with the LaSalle County Unit 1, Technical Specifications and ASME Section XI 1980 Edition including the 1980 Winter Addendum.

Personnel from Commonwealth Edison's System Material Analysis Dept. (SMAD) performed the Non-Destructive Evaluations (NDE) of the reactor vessel closure studs, and piping welds, to meet both the augmented Inservice Inspection (ISI), and the Preservice Inspection requirements. Magnetic Particle (MT), Liquid Dye Penetrant (PT), and manual Ultrasonic (UT) techniques were used during these inspections. Personnel from Commonwealth Edison's System Material Analysis Dept. (SMAD) and LaSalle Station's Technical Staff provided any necessary resolution of technical problems, reviewed all ISI personnel qualifications, and all visual, surface, and volumetric examination results.

Visual examinations of reactor vessel internals, and piping pressure tests were performed by CECO employees of the LaSalle County Station Technical Staff's ISI/IST Group. These individuals were currently certified as ASME Section XI Visual Examiners through the CECO qualification program. An underwater camera was used in the reactor vessel for the visual inspection of the reactor vessel internals. The camera was proven capable of resolving a 1 mil stainless steel wire while underwater and in the same lighting conditions found during the actual inspection.

The services of an Authorized Nuclear Inservice Inspector (ANII)/Authorized Nuclear Inspector (ANI) were provided by Hartford Steam Boiler Inspection & Insurance Co., Chicago Branch, 2443 Warrenville Road, Suite 500, Lisle, IL 60532. The ANII/ANI, John Tetreault, National Board #8796, State of IL #1416, reviewed all procedures, personnel qualifications, instrument and material certifications, all examination results, and Repair/Replacements.

## II. SCOPE OF INSPECTIONS

The tables following this section summarize the extent and results of inspections performed during the LaSalle Unit 1 Fall 1992 refueling outage. An explanation of any abbreviations can be found at the end of this report.

Table A provides a summary listing of all completed ASME Section XI augmented examinations for this outage, with the exception of pressure testing, which is addressed separately. Table A also gives a description of the item examined as well as the examination type(s) and examination results(s).

Table B is a listing of Repair/Replacements which were completed during the fifth refueling outage of Unit 1, in accordance with ASME Section XI, Articles IWA-4000 and IWA-7000. The listing includes the documentation package (Nuclear Work Request) number which served to implement the applicable activity as well as a short description of the activity. The Nuclear Work Requests are on file at LaSalle. Each activity has been certified on Form NIS-2 (Owners Report of Repair or Replacement) which will serve as documentation of these Repair/Replacements. The NIS-2 forms are included in this report as attachment 2.

Table C is a listing of the Preservice inspections, and the results of these inspections which were completed on the Repair/Replacements performed during this outage. These examinations were completed in accordance with the 1980 Edition of ASME Section XI, including the Winter of 1980 Addendum.

ASME Class 1 piping and components within the boundary defined in Paragraph IWA-5221 of ASME Section XI were visually examined using the VT-2 method during the System Leakage Test. The System Leakage Test was conducted at 1052 PSIG which is within the nominal operating pressure range of the Reactor Pressure Vessel associated with 100% rated reactor power. Pressure testing of Class 2 and 3 piping and components will continue throughout the remainder of the 3rd Period of the 1st Interval.

The name of each major component inspected during the fifth refueling outage is listed on Form NIS-1 (attachment 2) in column #1. Only the major components inspected during the outage are listed on Form NIS-1. These include the Reactor Pressure Vessel and the Class 1 & 2 Piping Systems. A more detailed list of components inspected will appear in the abstracts listed in items 10, 11, and 12 on Form NIS-1. Since descriptions including size, capacity, material, location and drawings to aid in identification of the

components have been previously submitted in our N-5 Code Data Reports, and also our I.S.I. Program, they will not be included in this Summary Report. These documents are on file at LaSalle County Nuclear Station. This also applies to our Preservice and previous Inservice Inspection Summary Reports.

### III. SUMMARY OF RESULTS AND CORRECTIVE ACTIONS

The ASME Section XI Inservice Inspection results obtained this outage were compared with the applicable Preservice and previous Inservice Inspection results. The following is a summary of the results and the corrective actions taken this outage.

#### 1. Steam Dryer

During the Unit 1 third refueling outage, ISI of the Steam Dryer revealed cracks in the Steam Dryer's Support Ring and Dryer End Bank Panels. During the fourth refueling outage, the Steam Dryer was again examined and the cracking was again noted. Additionally, several Tie Rod Nut/Washer Assemblies of the Dryer End Bank Panels required tack welding to preclude lost parts. During this fifth refueling outage the visual examination was completed with indications noted. The indications may be generally categorized as follows:

- a. Numerous Linear Indications in the Steam Dryer end bank panels, as well as in the heat affected zone of the end panels where the lifting rod gussets are welded to them. Many of these indications were recorded during previous inspections.
- b. Several (3) Linear Indications were recorded in the horizontal face of the support ring. These indications were recorded previously during the visual inspection completed in the fourth refueling outage.
- c. One Tie Rod Nut/Washer Assembly was discovered to be protruding from the Dryer End Panel at an exaggerated angle. This was one of the assemblies which was tack-weld repaired during the fourth refueling outage.

- d. A gusset plate for the lower Guide Rod Bracket at the 180 degree location was discovered damaged. The gusset plate is the lower of the two gussets on the 170 degree side of the Guide Bracket Assembly. The gusset plate has been deformed in the upward direction and the weld between the gusset and the Guide Bracket is broken.

A Discrepancy Record (DR # 01-92-361) was generated to disposition all indications found to be rejectable. All indications were evaluated and are acceptable based on the criteria provided by General Electric and approved by the Nuclear Engineering Department. LaSalle County Station Unit I Steam Dryer is acceptable for return to service for an additional fuel cycle.

## 2. Reactor Vessel Head

Based on the indications found previously on the Quad Cities Station Reactor Head, LaSalle County Station made a commitment to the N.R.C. to perform a visual examination of the interior of the Reactor Head during the fifth refueling outage of Unit 1. This examination was completed using the VT-3/4 method and no evidence of cracking or other detrimental conditions was discovered.

## 3. Reactor Vessel Closure Studs

Based on the cracking on the Dresden Station Reactor Closure Studs, LaSalle County Station made a commitment to the N.R.C. to perform both volumetric and surface examinations of Reactor Closure Studs during the fifth refueling outage of Unit 1. LaSalle County Station has completed the required volumetric examination by performing "Enhanced End-Shot" ultrasonic examination of 100% (68) of the Reactor Closure Studs for Unit 1 during the fifth refueling outage. No cracks, or rejectable indications were detected in any of the 68 studs examined. In addition 1/6, (12) studs were removed and surface examined using the Wet Fluorescent Magnetic Particle method. The four (4) studs normally removed each outage to allow for the installation of the "Cattle-Chute" were also examined using the same procedure, as required by ASME Section XI. None of the sixteen (16) total studs subjected to the surface examination showed any indications of cracking.

#### 4. Shroud Access Hole Cover

Due to the cracking discovered previously at Quad Cities Station a visual examination of the Shroud Access Hole Covers was completed as a "Good Practice" during the fifth refueling outage for Unit 1. The Access Hole Covers at LaSalle are of two different designs both of which incorporate materials which are resistant to corrosion cracking. The visual examination of the "Top-Hat" Access Hole cover at zero degree vessel azimuth revealed no recordable indications. The flush Access Hole Cover located at 180 degree vessel azimuth was examined, and linear indications were recorded in the base metal of the Shroud Support Plate in the Heat Affected Zone of the weld which joins the AHC to the Support Plate. General Electric was informed of the indications and recommended use of their Video Image Digitization System (VIDS) along with surface preparation of the areas of concern in order to confirm the nature of the indications. This examination sequence was completed, but the images produced could not conclusively show that the indications were not cracks. This lead to the use of automated ultrasonic techniques which performed scans to detect circumferential and radial cracking. These examinations recorded no indications consistent with IGSCC cracking in the areas where visual indications had been seen. Based on the above facts, the original indications have been characterized as gouges. The Nuclear Engineering Department, and SMAD Level III have reviewed the General Electric evaluation of the VIDS images and the UT data, and concur with the characterization. Based on this concurrence both the zero degree and the 180 degree Access Hole Covers are acceptable for return to service.

TABLE A  
ISI AUGMENTED INSPECTIONS

<u>ITEM #</u>	<u>ITEM DESCRIPTION</u>	<u>EXAM TYPE</u>	<u>RESULT</u>
1	H.P. Core Spray Spargers & Piping	VT	N.R.I.
2	L.P. Core Spray Spargers & Piping	VT	N.R.I.
3	# 5 Jet Pump Clamp	VT	N.R.I.
4	# 15 Jet Pump Clamp	VT	N.R.I.
5	Surveillance Sample Baskets	VT	N.R.I.
6	Steam Dryer	VT	Cracking & broken Gusset weld see Summary item # 1
7	Dryer Guide Rods	VT	N.R.I.
8	Shroud Access Cover (0 Deg.)	VT	N.R.I.
9	Shroud Access Cover (180 Deg.)	VT	Linear Indications See Summary item # 4
10	RPV Upper Head	VT	N.R.I.
11	Steam Dryer Support Pads	VT	N.R.I.

NUREG-0619 FEEDWATER NOZZLE INSPECTIONS

<u>ITEM #</u>	<u>ITEM DESCRIPTION</u>	<u>EXAM TYPE</u>	<u>RESULT</u>
1	1-NIR-4A	UT	N.R.I.
2	1-NIR-4B	UT	N.R.I.
3	1-NIR-4C	UT	N.R.I.
4	1-NIR-4D	UT	N.R.I.
5	1-NIR-4E	UT	N.R.I.
6	1-NIR-4F	UT	N.R.I.

TABLE B  
CLASS 1 & 2 REPAIR/REPLACEMENTS

CLASS 1 REPLACEMENTS

<u>ITEM #</u>	<u>WORK REQUEST #</u>	<u>DESCRIPTION</u>
1	L-15531	Replaced Main Steam SRV Vlv. with rebuilt Vlv.
2	L-15532	Replaced Main Steam SRV Vlv. with rebuilt Vlv.
3	L-15529	Replaced Main Steam SRV Vlv. with rebuilt Vlv.
4	L-15534	Replaced Main Steam SRV Vlv. with rebuilt Vlv.
5	L-15528	Replaced Main Steam SRV Vlv. with rebuilt Vlv.
6	L-15530	Replaced Main Steam SRV Vlv. with rebuilt Vlv.
7	L-15533	Replaced Main Steam SRV Vlv. with rebuilt Vlv.
8	L-15527	Replaced Main Steam SRV Vlv. with rebuilt Vlv.
9	L-15526	Replaced Main Steam SRV Vlv. with rebuilt Vlv.
10	L-05553	Replaced CRD Assembly with a rebuilt assembly
11	L-17216	Replaced CRD Assembly with a rebuilt assembly
12	L-14778	Replaced CRD Assembly with a rebuilt assembly
13	L-14781	Replaced CRD Assembly with a rebuilt assembly
14	L-14782	Replaced CRD Assembly with a rebuilt assembly
15	L-14784	Replaced CRD Assembly with a rebuilt assembly
16	L-14779	Replaced CRD Assembly with a rebuilt assembly
17	L-14783	Replaced CRD Assembly with a rebuilt assembly
18	L-17212	Replaced CRD Assembly with a rebuilt assembly
19	L-17213	Replaced CRD Assembly with a rebuilt assembly
20	L-14780	Replaced CRD Assembly with a rebuilt assembly
21	L-05558	Replaced Valve Disc
22	L-99604	Replaced Outboard MSIV Drain Isolation Valve
23	L-99605	Replaced Outboard MSIV Drain Isolation Valve
24	L-99606	Replaced Outboard MSIV Drain Isolation Valve
25	L-99607	Replaced Outboard MSIV Drain Isolation Valve
26	L-08484	Replaced Outboard RI System Isolation Valve
27	L-08480	Replaced Inboard RI System Isolation Valve
29	L-21297	Replaced Inboard RI Syst. Isolation Vlv. Discs
30	L-21704	Replaced Inboard RI Syst. Isolation Vlv. Discs & drilled two holes in the upstream disc to prevent pressure locking.
31	L-10935	Replaced Inboard RT System Isolation Valve
32	L-10934	Replaced Outboard RT System Isolation Valve
33	L-07174	Replaced Rx Vessel Head Spray Piping Sub- Assembly with Flanges.
34	L-15115	Replaced SC System Explosive Valve Assembly
35	L-06670	Replaced Outboard FW System Check Valve Stuffing Box Studs.
36	L-01692	Replaced Inboard RI System Check Valve Stuffing Box Studs.
37	L-90027	Replaced bolting hardware on RT system Component Support.

TABLE B Cont'd

CLASS 1 & 2 REPAIR/REPLACEMENTS

CLASS 1 REPLACEMENTS

<u>ITEM #</u>	<u>WORK REQUEST #</u>	<u>DESCRIPTION</u>
38	L-09922	Replaced NB system Mechanical Snubber with Hydraulic Snubber and associated hardware.
39	L-09912	Replaced RI system Mechanical Snubbers with Hydraulic Snubbers and associated hardware.

CLASS 2 REPLACEMENTS

49	L-12613	Replaced RH System SRV Vlv. Nozzle, Disc, and Spindle Assembly.
50	L-79939	Replaced RH System Vent Valve
51	L-08524	Replaced HP System Water Leg Pump with Rebuilt Pump.
52	L-09088	Replaced HP System Water Leg Pump with Rebuilt Pump.
53	L-12470	Replaced RI System Water Leg Pump with Rebuilt Pump.
54	L-59953	Replaced HP System Check Valve with Blind Flange and abandoned piping Sub-Assembly in place.
55	L-24159	Replaced RH System Orifice Flanges with Piping Sub-Assembly.

TABLE C  
REPAIR/REPLACEMENT PRESERVICE INSPECTIONS

<u>ITEM #</u>	<u>ITEM DESCRIPTION</u>	<u>EXAM TYPE</u>	<u>RESULT</u>
1	W-41-51	UT, PT	I.D. Geometry & Counterbore, N.R.I.
2	W-41-53	UT, MT	Root Geometry, N.R.I.
3	W-41-55	UT, MT	Root & O.D. Geometry, N.R.I.
4	W-41-41	UT, MT	I.D. Geometry, N.R.I.
5	W-41-42	UT, MT	I.D. Geometry, N.R.I.
6	W-41-43	UT, MT	I.D. Geometry, N.R.I.
7	W-41-48	UT, MT	Root Geometry, N.R.I.
8	W-44-141	UT, MT	Root & I.D. Geometry, N.R.I.
9	W-44-146	UT, MT	Root Geometry, N.R.I.
10	W-44-147	UT, MT	Counterbore & I.D. Geometry, N.R.I.
11	W-44-152	UT, MT	Root Geometry, N.R.I.
12	W-44-153	UT, MT	Root Geometry, N.R.I.
13	W-44-154	UT, MT	Counterbore & Root Geometry, N.R.I.
14	W-44-155	UT, MT	Counterbore & Root Geometry, N.R.I.
15	WN-1A	MT	N.R.I.
16	WN-2A	MT	N.R.I.
17	WN-1B	MT	N.R.I.
18	WN-2B	MT	N.R.I.
19	WN-1C	MT	N.R.I.
20	WN-2C	MT	N.R.I.
21	WN-1D	MT	N.R.I.
22	WN-2D	MT	N.R.I.

ATTACHMENT 1

FORM NIS-1

OWNERS DATA REPORT FOR INSERVICE INSPECTIONS

# FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner Commonwealth Edison Company, P.O. Box 767, Chicago, IL 60690  
(Name and Address of Owner)

2. Plant LaSalle County Nuclear Power Station, 2601 N. 21st Rd., Marseilles, IL 61341  
(Name and Address of Plant)

3. Plant Unit One 4. Owner Certificate of Authorization (if required) N-2020

5. Commercial Service Date 1-1-84 6. National Board Number for Unit N/A

7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Rx Vessel	Combustion Engineering Windsor, Connecticut	1B13-D003	B0024318	021086
Recirc. Sys. Class 1	General Electric Co. San Jose, CA 95125	N/A	N/A	N/A
RHR System Class 1	B. F. Shaw Wilmington, DE 19801	N/A	N/A	N/A
F. W. System Class 1	B. F. Shaw Wilmington, DE 19801	N/A	N/A	N/A
H. P. System Class 1	B. F. Shaw Wilmington, DE 19801	N/A	N/A	N/A
L. P. System Class 1	B. F. Shaw Wilmington, DE 19801	N/A	N/A	N/A
M. S. System Class 1	B. F. Shaw Wilmington, DE 19801	N/A	N/A	N/A
R. I. System Class 1	B. F. Shaw Wilmington, DE 19801	N/A	N/A	N/A
R. T. System Class 1	B. F. Shaw Wilmington, DE 19801	N/A	N/A	N/A

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 data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

ATTACHMENT 2

FORM NIS-2

OWNERS REPORT OF REPAIR OR REPLACEMENT

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

1. Owner Commonwealth Edison Company Date 1/29/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 2
2. Plant LaSalle County Nuclear Station Unit 1 See Item 6 "Other Identification" Below  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st. Rd. Marseilles, IL, 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (MS) Main Steam
5. (a) Applicable Construction Code Sect. III 1971 Edition S72 Addenda, Code Cases 1567 & 1711  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WBO Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
SRV Valve	Crosby	N63790-00-0072	N/A	N/A	L-15531	*	Replaced	N/A
SRV Valve	Crosby	N63790-00-0015	N/A	N/A	L-13829	*	Replacement	N/A
Valve Body	Crosby	*	N/A	N/A	L-13829	*	Replaced	N/A
Valve Body	Crosby	N93183-31-0003	N/A	N/A	L-13829	1990	Replacement	N/A
(12) Inlet Studs	Crosby	*	N/A	N/A	L-13829	*	Replaced	N/A
(12) Inlet Studs	Vitco	Ht. Code GAM	N/A	N/A	L-13829	1992	Replacement	N/A

7. Description Class 1 Replacement, \* = Per N-5 Code Data Report on File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other System Leakage Test  
Pressure 1052 psi Test Temp. Amb.      Deg. F
9. Remarks Valve SN# N63790-00-0015 was refurbished under Work Request L-13829 and installed under Work Request L-15531 as a replacement for SN# N63790-00-0072. For the remainder of the replaced and replacement components see Form NIS-2 Supplemental Sheet on Page 2 of 2.

CERTIFICATION OF COMPLIANCE

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

Signed NOA JA SANCER 3-12, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 3-12, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/12/93 John R. Tetreault Commissions IL 1416 N.I  
(Inspector) (State or Province, National Board)

## ATTACHMENT D

## FORM NIS-2 SUPPLEMENTAL SHEET

1. Owner: Commonwealth Edison Company Sheet 2 of 2  
 One First National Plaza Date 1/29/93  
 Chicago, Illinois 60690 Unit 1
2. Plant: LaSalle County Station  
 2601 N. 21st. Rd.  
 Marseilles, Illinois 61341 See "Other Identification" Below  
 P. O. No., WR No., etc.
3. Work Performed by: Mechanical Maint. Type Code Symbol Stamp N/A  
 Name Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
 Address
4. Identification of System (MS) Main Steam
- 5a. Applicable Construction Code Section III 1971 Edition S72 w/1567 & 1711 Addenda
- 5b. Applicable Edition of Section XI utilized 1980 Edition Winter 1980 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
(12) Bonnet							
Studs	Crosby	*	N/A	L-13829	*	Replaced	N/A
(3) Bonnet							
Studs	Vitco	Ht. Code VB7C7	N/A	L-13829	1986	Replacement	N/A
(9) Bonnet							
Studs	Vitco	Ht. Code AJJ	N/A	L-13829	1990	Replacement	N/A
(12) Bonnet							
Nuts	Crosby	*	N	L-13829	*	Replaced	N/A
(12) Bonnet							
Nuts	Vitco	Ht. Code V2HBX45	N/A	L-13829	1986	Replacement	N/A

ZWLAP

[illegible]

E.C. - 500  
Ex. 100, 101, 102

FORM 1-3 OF THE SPT COMMISSIONER'S REPORT FOR THE YEAR  
ENDING 1964 AND APPROPRIATE  
AS REQUIRED BY THE PROVISIONS OF THE SPT CODE, SECTION III, DIVISION 1  
AND AS REQUIRED BY THE SPT'S PROVISIONS

1 1

1. Manufactured and certified by Crosby Valve & Pipe Co., 43 Kendrick St., Wrentham, MA 02594  
(Name and address of certificate holder)
2. Manufactured for Commonwealth Edison Co., Chicago, IL  
(Name and address of purchaser)
3. Location of installation Commonwealth Edison Co., Marseilles, IL  
(Name and address)
4. Type CS-A-63790 ASME SA105 \*See Below 1 1990  
(Certificate No.) (Spec. & spec. no.) (Tensile strength) (Size) (Spec. no.)
5. ASME Code, Section II 1971 Summer 1972 1 SA1711  
(Edition) (Edition) (Class) (Line Code No.)
6. Fabricated in accordance with Code, Spec. (Rev. & ed.) 1971 Expires 1990 Date 1990  
(No.)
7. Remarks: \*St. No. 12314-0168 Tensile Strength 76,600. St. No. 12936-0075 Tensile Strength 61,105. \*Material produced to 1974 Edition Summer 1975 Addenda Part CCM approval of Crosby form 0011 (copy attached)
8. For thickness (in.) 1/2 Min. design thickness (in.) 1/2 Dia. ID (in.) & L (in.) 1/2 Length overall (ft. & in.) 1/2
- \* When applicable, Certificate Holders' data reports are attached for each item of this report.

Part or Apparatuses Serial Number	National Board No. In Numerical Order	Part or Apparatuses Serial Number	National Board No. In Numerical Order
(1) <del>93321-22-0002</del>		(26)	
(2) <del>93321-22-0003</del>		(27)	
(3)		(28)	
(4)		(29)	
(5)		(30)	
(6)		(31)	
(7)		(32)	
(8)		(33)	
(9)		(34)	
(10)		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	

see For Valve Outlet

L90-00318

Form P-1

FORM P-2 (back)

 REG. SERIAL NO. NY3183-31-0003  
NY3183-31-0003

## CERTIFICATION OF DESIGN

Design specifications certified by David P. Brooks P.E. State CA Reg. No. 13655  
 (Name optional)  
 Design report certified by W.D. Greenlaw P.E. State VA Reg. No. 14784  
 (Name optional)

## CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that said (Name) Doc  
 conforms to the rules of construction of the ASME Code, Section III.  
 NY Certificate of Authorization No. N-1577 Expires 9/30/92  
 Date Feb 2 1990 For Crosby Valve & Gate Co. Signed [Signature]  
 (NY Certificate Number) (Signature Representative)

## CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or province of Massachusetts and employed by WES 34.0V  
 of Worcester, MA have inspected those items mentioned in this data report on Feb 2 1990 and  
 state that to the best of my knowledge and belief, the Certificate Holder has fabricated those parts or  
 appendages in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping  
 on the date shown above.  
 By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied,  
 concerning the equipment described in this data report. Furthermore, neither the inspector nor his employer  
 shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or  
 connected with this inspection.

Factory Mutual System

Date 2-2-90 Signed [Signature] Commission MA-PV-11118 140-1261  
 (Inspector's Name) (Date of Issue) (State of Issue) (Reg. No.)

Warrantage Mutual Insurance Company

WARRANTAGE: Report was corrected to add Code Case.

Signed [Signature] Date 4/11-90  
 Crosby Quality Assurance

Signed [Signature] Date 4-17-90  
 Factory Mutual ASI

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

1. Owner Commonwealth Edison Company Date 1/29/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 2
2. Plant LaSalle County Nuclear Station Unit 1 See Item 6 "Other Identification" Below  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st. Rd, Marseilles, IL, 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (MS) Main Steam
5. (a) Applicable Construction Code Sect. III 1971 Edition S72 Addenda, Code Cases 1567 & 1711  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WBO Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRM No.	Other Identification	Year Built	Repaired, Replaced, Replacement	ASME Code Stamped (Yes or No)
SRV Valve	Crosby	N63790-00-0103	N/A	N/A	L-15532	*	Replaced	N/A
SRV Valve	Crosby	N63790-00-0012	N/A	N/A	L-13932	*	Replacement	N/A
Valve Body	Crosby	*	N/A	N/A	L-13932	*	Replaced	N/A
Valve Body	Crosby	N93183-33-0005	N/A	N/A	L-13932	1991	Replacement	N/A
Nozzle	Crosby	*	N/A	N/A	L-13932	*	Replaced	N/A
Nozzle	Crosby	N93184-39-0088	N/A	N/A	L-13932	1988	Replacement	N/A

7. Description Class 1 Replacement, \* = Per N-5 Code Data Report on File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other System Leakage Test  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks Valve SN# N63790-00-0012 was refurbished under Work Request L-13932 and installed under Work Request L-15532 as a replacement for SN# N63790-00-0103. For the remainder of the replaced and replacement components see Form NIS-2 Supplemental Sheet on Page 2 of 2.

CERTIFICATION OF COMPLIANCE

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

Signed Greg Spall Station Manager 3-25-93, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 3-25, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/25/93 John R. Tetreault Commissions IL 1416 N.I.  
(Inspector) (State or Province, National Board)

ATTACHMENT D

## FORM NIS-2 SUPPLEMENTAL SHEET

1. Owner: Commonwealth Edison Company  
One First National Plaza  
Chicago, Illinois 60690
2. Plant: LaSalle County Station  
2601 N. 21st. Rd.  
Marseilles, Illinois 61341
3. Work Performed by: Mechanical Maint.  
Name  
Mechanical Maintenance  
Address
4. Identification of System (MS) Main Steam
- 5a. Applicable Construction Code Section III 1971 Edition 572 w/1567 & 1711 Addenda
- 5b. Applicable Edition of Section XI utilized 1980 Edition Winter 1980 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components.
- Sheet 2 of 2  
Date 1/29/93  
Unit 1
- See "Other Identification" Below  
P. O. No., WR No., etc.
- Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
(12) Bonnet							
Studs	Crosby	*	N/A	L-13932	*	Replaced	N/A
(12) Bonnet							
Studs	Vitco	Ht. Code AJJ	N/A	L-13932	1990	Replacement	N/A
(12) Bonnet							
Nuts	Crosby	*	N/A	L-13932	*	Replaced	N/A
(12) Bonnet							
Nuts	Vitco	Ht. Code V2HBX45	N/A	L-13932	1986	Replacement	N/A
(12) Inlet							
Studs	Crosby	*	N/A	L-13932	*	Replaced	N/A
(12) Inlet							
Studs	Vitco	Ht. Code GAM	N/A	L-13932	1992	Replacement	N/A

ZWLAP

CROSBY

CROSBY VALVE & GAGE COMPANY  
WRENTHAM, MASS

D.C.-382  
Form R-2

FORM R-2 R OR RPT CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL  
NUCLEAR PARTS AND APPURTENANCES\*  
As Required by the Provisions of the ASME Code, Section III, Division 1  
Not to Exceed One Day's Production

Pa. 1 of 1

1. Manufactured and certified by Crosby Valve & Gage Co., 43 Kendrick St., Wrentham, MA 02093  
(name and address of certificate holder)
2. Manufactured for Commonwealth Edison Co., Chicago, IL 60690  
(name and address of purchaser)
3. Location of installation Commonwealth Edison, LaSalle Station #1, Marseilles, IL 61341  
(name and address)
4. Type DS-A-63790 SA 105 76,600 -- 1991  
(drawing no.) (mat'l spec no.) (tensile strength) (CRF) (year built)
5. ASME Code, Section III 1971 Summer 1972 1 --  
(edition) (addenda) (class) (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) -- Revision -- Date --  
(No.)
7. Remarks: \_\_\_\_\_
8. Nom. thickness (in.) -- Min. design thickness (in.) -- Dia. ID (ft. & in.) -- Length overall (ft. & in.) --
9. When applicable, Certificate Holders' data reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. In Numerical Order	Part or Appurtenance Serial Number	National Board No. In Numerical Order
(1) <u>N93183-33-0005</u>		(26)	
(2)		(27)	
(3)		(28)	
(4)		(29)	
(5)		(30)	
(6)		(31)	
(7)		(32)	
(8)		(33)	
(9)		(34)	
(10)		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	

10 Design pressure -- psi Temp -- °F Hydro. test pressure 1100 psig at temp 70°  
(refer applicable)

## FORM N-2 (back)

MEP. Serial No. N93183-33-0005

## CERTIFICATION OF DESIGN

Design specification certified by C. T. Nien P.E. state CA Reg. No. 15587  
 (when applicable)

Design report\* certified by W. D. Greenlaw P.E. state MA Reg. No. 14784  
 (when applicable)

## CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Body  
 conform to the rules of construction of the ASME Code, Section III.

NPT Certificate of Authorization no. N-1877 Expires 9/30/92

Date July 29, 1991 Name Crosby Valve & Gage Co. Signature Lawrence P. Pines  
 (NPT Certificate Holder) (authorized representative)

## CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or province of Massachusetts and employed by \*See Below  
 of Norwood, MA have inspected these items described in this data report on 7-29-91 and  
 state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or  
 appurtenances in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping  
 on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied,  
 concerning the equipment described in this data report. Furthermore, neither the inspector nor his employer  
 shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or  
 connected with this inspection.

Factory Mutual System

Date 7-29-91 Signed K. K. Pines Commissions Mass #1287  
 (Authorized Inspector) (Pat'l No (incl. endorsements) state or prov. and no.)

\*Arkwright Mutual Insurance Company

**CROSBY****CROSBY VALVE & GAGE COMPANY**\*CORRECTED REPORT 12/5/88  
\*CORRECTED REPORT 10/24/88VL-3VZ  
Form N-2**FORM N-2 N OR NPT CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL  
NUCLEAR PARTS AND APPURTENANCES\***As Required by the Provisions of the ASME Code, Section III, Division 1  
Not To Exceed One Day's Production

Pg. 1 of 1

1. Manufactured and certified by Crosby Valve & Gage Co., 43 Kendrick St., Wrentham, MA 02093  
Name and address of manufacturer
2. Manufactured for Commonwealth Edison Co., Chicago, IL  
Name and address of purchaser
3. Location of installation La Salle County Station, Marseilles, IL  
Name and address
4. Type DS-A-63790 ASME SA182 F316 77,500 1988  
Drawing No. 1 Don't Exceed 1000 10000 100000 1000000
5. ASME Code Section III 1971 Summer 1972 1 1711  
Section 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
6. Fabricated in accordance with Code Spec. (File 2 only) --- --- --- ---  
Spec. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
7. Remarks N/A

158-01695 PO. 321877 Jan 12-15-88

8. Item thickness (in.) --- Min. design thickness (in.) --- Dia. ID (in.) --- Length overall (ft. & in.) ---
9. When applicable, Certificate Holders' data reports are attached for each item of this report.

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board Number in Numerical Order
(1) N93184-39-0069		(26) B. .593 C. .710 B. .400 C. .630	
(2) N93184-39-0070		(27) B. .593 C. .709 B. .400 C. .630	
(3) N93184-39-0072		(28) B. .594 C. .710 B. .400 C. .630	
(4) N93184-39-0073		(29) B. .594 C. .710 B. .400 C. .630	
(5) N93184-39-0074		(30) B. .593 C. .709 B. .400 C. .630	
(6) N93184-39-0075		(31) B. .593 C. .709 B. .400 C. .630	
(7) N93184-39-0076		(32) B. .594 C. .710 B. .400 C. .630	
(8) N93184-39-0077		(33) B. .593 C. .710 B. .400 C. .630	
(9) N93184-39-0078		(34) B. .594 C. .710 B. .400 C. .630	
(10) N93184-39-0079		(35) B. .593 C. .710 B. .400 C. .630	
(11) N93184-39-0080		(36) B. .594 C. .710 B. .400 C. .630	
(12) N93184-39-0081		(37) B. .594 C. .710 B. .400 C. .630	
(13) N93184-39-0082		(38) B. .593 C. .708 B. .400 C. .630	
(14) N93184-39-0083		(39) B. .594 C. .710 B. .400 C. .630	
(15) N93184-39-0084		(40) B. .594 C. .708 B. .400 C. .630	
(16) N93184-39-0085		(41) B. .594 C. .710 B. .400 C. .630	
(17) N93184-39-0086		(42) B. .593 C. .710 B. .400 C. .630	
(18) N93184-39-0087		(43) B. .593 C. .709 B. .400 C. .630	
(19) N93184-39-0088		(44) B. .594 C. .708 B. .400 C. .630	
(20) N93184-39-0089		(45) B. .594 C. .708 B. .400 C. .630	
(21) N93184-39-0090		(46) B. .594 C. .710 B. .400 C. .630	
(22) N93184-39-0092		(47) B. .593 C. .708 B. .400 C. .630	
(23) _____		(48) _____	
(24) _____		(49) _____	
(25) _____		(50) _____	

10 Design pressure --- ps. Temp --- °F Hydro test pressure --- ps. (if design)

LORRACOE REPORTS FOR THE DESIGN SPECIFICATIONS INFORMATION.

\* J. J. Green 12/14/88  
Crosby Quality Assurance Date  
\*\*REMARKS: Report revised to add code case 1711.

W. D. Green 12/14/88  
Factory Mutual ANI Date

Form N-2  
\* J. J. Green 12/15/88  
Crosby Quality Assurance Date

W. D. Green 12/15/88  
Factory Mutual ANI Date

See Below  
for Serial No.

POOR QUALITY  
ORIGINAL

CERTIFICATE OF DESIGN			
Design specifications certified by	<u>Boyd T. Brooks</u> *C.T. Kieh	P. E. State	CA Reg. No. <u>15567</u>
Design report certified by	<u>W. D. Green</u>	P. E. State	MA Reg. No. <u>14784</u>

CERTIFICATE OF SHOP COMPLIANCE			
We certify that the statements made in this report are correct and that this model <u>NOELER</u> conforms to the rules of construction of the ASME Code, Section III.			
NPT Certificate of Authorization No.	<u>N-1877</u>	Expires	<u>9/30/89</u>
Date	<u>12/14/88</u>	Name	<u>Crosby Valve &amp; Gage Co.</u>

CERTIFICATE OF SHOP INSPECTION			
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or province of <u>Massachusetts</u> and employed by <u>Arkwright Mutual Insurance Company</u> of <u>Norwood, MA.</u> have inspected these items described in this data report on <u>12-20-88</u> and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or assemblies in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping on the date shown above.			
By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this data report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.			
Date	<u>12/20/88</u>	Signature	<u>W. D. Green</u>
		Commission	<u>MA-1801</u>

## Mfr. Serial No.

N93184-39-0069  
N93184-39-0070  
N93184-39-0072  
N93184-39-0073  
N93184-39-0074  
N93184-39-0075  
N93184-39-0076  
N93184-39-0077  
N93184-39-0078  
N93184-39-0079  
N93184-39-0080  
N93184-39-0081  
N93184-39-0082  
N93184-39-0083

## Mfr. Serial No.

N93184-39-0084  
N93184-39-0085  
N93184-39-0086  
N93184-39-0087  
N93184-39-0088  
N93184-39-0089  
N93184-39-0090  
N93184-39-0092

L88-01695  
P.O. 321977  
8th  
12-14-88

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

1. Owner Commonwealth Edison Company Date 1/29/93  
(Name)  
One First National Plaza, Chicago, Ill., 60690  
(Address) Sheet 1 of 2
2. Plant LaSalle County Nuclear Station Unit 1 See Item 6 "Other Identification" Below  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st. Rd. Marseilles, Ill. 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (MS) Main Steam
5. (a) Applicable Construction Code Sect. III 1971 Edition S72 Addenda, Code Cases 1567 & 1711  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WBO Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Mat'l Bd. No.	CRW No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
SRV Valve	Crosby	N63790-00-0109	N/A	N/A	L-15529	*	Replaced	N/A
SRV Valve	Crosby	N63790-00-0009	N/A	N/A	L-13933	*	Replacement	N/A
(2) Inlet Studs	Crosby	*	N/A	N/A	L-13933	*	Replaced	N/A
(1) Inlet Stud	Vitco	Ht. Code CC1	N/A	N/A	L-13933	1988	Replacement	N/A
(1) Inlet Stud	Vitco	Ht. # X-1794	N/A	N/A	L-13933	1988	Replacement	N/A
(1) Inlet Nut	Crosby	*	N/A	N/A	L-15529	*	Replaced	N/A

7. Description Class 1 Replacement, \* = Per N-5 Code Data Report on File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other System Leakage Test  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks Valve SN# N63790-00-0009 was refurbished under Work Request L-13933 and installed under Work Request (Applicable Manufacturer's Data Report to be Attached)  
L-15529 as a replacement for SN# N63790-00-0109. Inlet nut has been reconciled to the Original Code of construction per Part Technical Evaluation L93-006-0053 which is on file at LaSalle County Station. For the remainder of the replaced and replacement components see Form NIS-2 Supplemental Sheet on Page 2 of 2.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] Station Manager 3-25-93, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, Ct. have inspected the Replacement described in this Report on 3-25, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3-25-93 [Signature] John R. Tetreault Commissions IL 1416 N.I.  
(Inspector) (State or Province, National Board)

## FORM NIS-2 SUPPLEMENTAL SHEET

- [illegible]

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

1. Owner Commonwealth Edison Company Date 1/29/93  
(Name)  
One First National Plaza, Chicago, Ill., 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1 See Item 6 "Other Identification" Below  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st. Rd, Marseilles, Ill. 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (MS) Main Steam
5. (a) Applicable Construction Code Sect. III 1971 Edition 572 Addenda, Code Cases 1567 & 1711  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WBO Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Mat'l Bd. No.	CRM No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
SRV Valve	Crosby	N63790-00-0063	N/A	N/A	L-15534	*	Replaced	N/A
SRV Valve	Crosby	N63790-00-0074	N/A	N/A	L-13935	*	Replacement	N/A
(4) Inlet Studs	Crosby	*	N/A	N/A	L-13935	*	Replaced	N/A
(4) Inlet Studs	Vitco	Ht. Code ATZ	N/A	N/A	L-13935	1992	Replacement	N/A

7. Description Class 1 Replacement, \* = Per N-5 Code Data Report on File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other System Leakage Test  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks Valve SN# N63790-00-0074 was refurbished under Work Request L-13935 and installed under Work Request L-15534 as a replacement for SN# N63790-00-0063.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] (Owner or Owner's Designee) [Signature] (Title) 3/12, 1993 (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 3-12, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/12/93 [Signature] John R. Tetereb (Inspector) Commissions IL 1416 N.1 (State or Province, National Board)

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

1. Owner Commonwealth Edison Company Date 1/29/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 2
2. Plant LaSalle County Nuclear Station Unit 1 See Item 6 "Other Identification" Below  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st. Rd. Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (MS) Main Steam
5. (a) Applicable Construction Code Sect. III 1971 Edition S72 Addenda, Code Cases 1567 & 1711  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired, Replaced, Replacement	ASME Code Stamped (Yes or No)
SRV Valve	Crosby	W63790-00-0002	N/A	N/A	L-15528	*	Replaced	N/A
SRV Valve	Crosby	W63790-00-0105	N/A	N/A	L-10495	*	Replacement	N/A
(4) Inlet Studs	Crosby	*	N/A	N/A	L-10495	*	Replaced	N/A
(2) Inlet Studs	Vitco	Ht. Code ATZ	N/A	N/A	L-10495	1992	Replacement	N/A
(2) Inlet Studs	Vitco	Ht. # X-1794	N/A	N/A	L-10495	1988	Replacement	N/A
(1) Inlet Nut	Crosby	*	N/A	N/A	L-15528	*	Replaced	N/A

7. Description Class 1 Replacement, \* = Per N-5 Code Data Report on File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other System Leakage Test  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks Valve SN# W63790-00-0105 was refurbished under Work Request L-10495 and installed under Work Request L-15528 as a replacement for SN# W63790-00-0002. For the remainder of the replaced and replacement components see Form NIS-2 Supplemental Sheet on Page 2 of 2.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] (Owner or Owner's Designee) [Signature] (Title) 3-12, 1993 (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 3-12, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/12/93 [Signature] John R. Tetreault (Inspector) Commission IL 1416 N-1 (State or Province, National Board)

## FORM NIS-2 SUPPLEMENTAL SHEET

- [illegible]

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

1. Owner Commonwealth Edison Company Date 1/29/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 2
2. Plant LaSalle County Nuclear Station Unit 1 See Item 6 "Other Identification" Below  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 N. 21st. Rd. Marseilles, IL 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (MS) Main Steam
5. (a) Applicable Construction Code Sect. III 1971 Edition S72 Addenda, Code Cases 1567 & 1711  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WBO Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
SRV Valve	Crosby	W63790-00-0076	N/A	N/A	L-15530	*	Replaced	N/A
SRV Valve	Crosby	W63790-00-0104	N/A	N/A	L-10484	*	Replacement	N/A
Nozzle	Crosby	*	N/A	N/A	L-10484	*	Replaced	N/A
Nozzle	Crosby	W93184-39-0074	N/A	N/A	L-10484	1988	Replacement	N/A
(5) Inlet Studs	Crosby	*	N/A	N/A	L-10484	*	Replaced	N/A
(2) Inlet Studs	Vitco	Ht. # X-1794	N/A	N/A	L-10484	1988	Replacement	N/A

7. Description Class 1 Replacement, \* = Per W-5 Code Data Report on File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other System Leakage Test  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks Valve SN# W63790-00-0104 was refurbished under Work Request L-10484 and installed under Work Request (Applicable Manufacturer's Data Report to be Attached)  
L-15530 as a replacement for SN# W63790-00-0076. For the remainder of the replaced and replacement components see form NIS-2 Supplemental Sheet on Page 2 of 2.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] (Owner or Owner's Designee) for STAMER (Title) 3-12, 1993 (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 3-12, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/12/93 John K. Tetreault (Inspector) Commissions IL 1416 N.I. (State or Province, National Board)

## FORM NIS-2 SUPPLEMENTAL SHEET

- [illegible]

**CROSBY****CROSBY VALVE & GAGE COMPANY**\*CORRECTED REPORT 12/5/88  
\*CORRECTED REPORT 10/24/88

UL-3V2

Form N-2

**FORM N-2 N OR NPT CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL  
NUCLEAR PARTS AND APPURTENANCES\***As Required by the Provisions of the ASME Code, Section III, Division 1  
Not To Exceed One Day's Production

Pg. 1 of 1

1. Manufactured and certified by Crosby Valve & Gage Co., 43 Kendrick St., Wrentham, MA 02093  
(Name and address of certificate holder)

2. Manufactured for Commonwealth Edison Co., Chicago, IL  
(Name and address of purchaser)

3. Location of installation La Salle County Station, Marseilles, IL  
(Name and address)

4. Type DS-A-63790 ASME SA182 F316 77,500 1988  
(Drawing no.) (Part spec. no.) (Service strength) (Date)

5. ASME Code Design R 1971 Summer 1972 1  
(Edition) (Reprint) (Date Code no.)

6. Fabricated in accordance with Code Spec. (Div. 2 only) --- --- ---  
(Div.) (Reprint) (Date Code no.)

7. Remarks N/A

LEB-01695 PO. 321977 Jan 12-15-88

8. Item thickness (in.) --- Min. design thickness (in.) --- Div. 10 R & in. --- Length overall (ft. & in.) ---  
 9. When applicable, Certificate Holders' data reports are attached for each item of this report.

Part or Appurtenance Serial Number	Nominal Base No. in Numerical Order	Part or Appurtenance Serial Number	Nominal Base Number in Numerical Order
(1) N93184-39-0069		(20) B. .593 C. .710	B. .400 C. .630
(2) N93184-39-0070		(21) B. .593 C. .709	B. .400 C. .630
(3) N93184-39-0072		(22) B. .592 C. .710	B. .400 C. .630
(4) N93184-39-0073		(23) B. .594 C. .710	B. .400 C. .630
(5) N93184-39-0074		(24) B. .593 C. .709	B. .400 C. .630
(6) N93184-39-0075		(25) B. .593 C. .709	B. .400 C. .630
(7) N93184-39-0076		(26) B. .594 C. .710	B. .400 C. .630
(8) N93184-39-0077		(27) B. .593 C. .710	B. .400 C. .630
(9) N93184-39-0078		(28) B. .594 C. .710	B. .400 C. .630
(10) N93184-39-0079		(29) B. .593 C. .710	B. .400 C. .630
(11) N93184-39-0080		(30) B. .594 C. .708	B. .400 C. .630
(12) N93184-39-0081		(31) B. .593 C. .710	B. .400 C. .630
(13) N93184-39-0082		(32) B. .593 C. .708	B. .400 C. .630
(14) N93184-39-0083		(33) B. .594 C. .710	B. .400 C. .630
(15) N93184-39-0084		(34) B. .594 C. .708	B. .400 C. .630
(16) N93184-39-0085		(35) B. .594 C. .710	B. .400 C. .630
(17) N93184-39-0086		(36) B. .593 C. .710	B. .400 C. .630
(18) N93184-39-0087		(37) B. .593 C. .709	B. .400 C. .630
(19) N93184-39-0088		(38) B. .594 C. .708	B. .400 C. .630
(20) N93184-39-0089		(39) B. .594 C. .708	B. .400 C. .630
(21) N93184-39-0090		(40) B. .594 C. .710	B. .400 C. .630
(22) N93184-39-0092		(41) B. .593 C. .708	B. .400 C. .630
(23) _____		(42) _____	
(24) _____		(43) _____	
(25) _____		(44) _____	

10 Design pressure \_\_\_\_\_ 20 Temp \_\_\_\_\_ 30 Hydro test pressure \_\_\_\_\_ 40 Div. 10 R &amp; in. \_\_\_\_\_

POOR QUALITY  
ORIGINAL

10/24/88  
 Crosby Quality Assurance Date  
 REMARKS: Report revised to add code case 1711.

12/2/88  
 Factory Mutual AMI Date

12/5/88  
 Crosby Quality Assurance Date

12/5/88  
 Factory Mutual AMI Date

See Below  
 Mr. [Name] to [Address]

POCH QUALITY  
 ORIGINAL

CERTIFICATE OF DESIGN  
 Design specifications verified by Boyd T. Brooks \*C.T. Fish  
 Design report verified by W. D. Greenlaw  
 P. E. State CA Reg. no. 15587  
 P. E. State MA Reg. no. 14784

CERTIFICATE OF SHOP COMPLIANCE  
 We certify that the statements made in this report are correct and that this product  
 complies to the rules of construction of the ASME Code, Section III.  
 KPT Certificate of Authorization no. E-1877 Expires 9/30/89  
 Date 10/2/88 Name Crosby Valve & Gage Co. Signed [Signature]

CERTIFICATE OF SHOP INSPECTION  
 I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or pro-  
 vince of Massachusetts and employed by Arkwright Mutual Insurance Company  
 of Norwood, MA. have inspected these items described in this data report on 10-20-88 and state that to the  
 best of my knowledge and belief, the Certificate Holder has fabricated these parts or repairwork in accordance with the ASME Code,  
 Section III. Each part listed has been authorized for stamping on the date shown above.  
 By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment  
 described in this data report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or  
 property damage or loss of any kind arising from or connected with this inspection.  
 Date 10/2/88 Signed [Signature] Commissioner MA-1301  
 Factory Mutual System

Mfr. Serial No.  
 N93184-39-0069  
 N93184-39-0070  
 N93184-39-0072  
 N93184-39-0073  
 N93184-39-0074  
 N93184-39-0075  
 N93184-39-0076  
 N93184-39-0077  
 N93184-39-0078  
 N93184-39-0079  
 N93184-39-0080  
 N93184-39-0081  
 N93184-39-0082  
 N93184-39-0083

Mfr. Serial No.  
 N93184-39-0084  
 N93184-39-0085  
 N93184-39-0086  
 N93184-39-0087  
 N93184-39-0088  
 N93184-39-0089  
 N93184-39-0090  
 N93184-39-0092

L88-01695  
 P.O. 321977  
 8<sup>th</sup> 12-14-88

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

1. Owner Commonwealth Edison Company Date 1/29/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1 See Item 6 "Other Identification" Below  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st. Rd. Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (MS) Main Steam
5. (a) Applicable Construction Code Sect. III 1971 Edition S72 Addenda, Code Cases 1567 & 1711  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WBO Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Net'l Bd. No.	CRW No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
SRV Valve	Crosby	N63790-00-0068	N/A	N/A	L-15533	*	Replaced	N/A
SRV Valve	Crosby	N63790-00-0008	N/A	N/A	L-13931	*	Replacement	N/A
(2) Inlet Studs	Crosby	*	N/A	N/A	L-13931	*	Replaced	N/A
(2) Inlet Studs	Vitco	Ht. Code ATZ	N/A	N/A	L-13931	1992	Replacement	N/A

7. Description Class 1 Replacement, \* = Per N-5 Code Data Report on File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other System Leakage Test  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks Valve SN# N63790-00-0008 was refurbished under Work Request L-13931 and installed under Work Request L-15533 as a replacement for SN# N63790-00-0068.  
(Applicable Manufacturer's Data Report to be Attached)

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] [Signature] 3-12, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 3-12, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/12/93 [Signature] John R. Tetreault Commissions IL 1416 N.I  
(Inspector) (State or Province, National Board)

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

1. Owner Commonwealth Edison Company Date 1/29/93  
(Name)  
One First National Plaza, Chicago, IL 60690  
(Address) Sheet 1 of 2
2. Plant LaSalle County Nuclear Station Unit 1 See Item 6 "Other Identification" Below  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st. Rd. Marseilles, IL 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (MS) Main Steam
5. (a) Applicable Construction Code Sect. III 1971 Edition S72 Addenda, Code Cases 1567 & 1711  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WBO Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
SRV Valve	Crosby	W63790-00-0077	N/A	N/A	L-15527	*	Replaced	N/A
SRV Valve	Crosby	W63790-00-0108	N/A	N/A	L-10487	*	Replacement	N/A
Nozzle	Crosby	*	N/A	N/A	L-10487	*	Replaced	N/A
Nozzle	Crosby	W93184-39-0079	N/A	N/A	L-10487	1988	Replacement	N/A
Disc Insert	Crosby	*	N/A	N/A	L-10487	*	Replaced	N/A
Disc Insert	Crosby	W93185-46-0172	N/A	N/A	L-10487	1991	Replacement	N/A

7. Description Class 1 Replacement, \* = Per N-5 Code Data Report on File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other System Leakage Test  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks Valve SN# W63790-00-0108 was refurbished under Work Request L-10487 and installed under Work Request L-15527 as a replacement for SN# W63790-00-0077. For the remainder of the replaced and replacement components see Form NIS-2 Supplemental Sheet on Page 2 of 2.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] for Owner (Title) 3-12, 1993 (Date)  
Owner or Owner's Designee

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 3-12, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/12/93 [Signature] John R. Tetreault Commissions IL 1416 N.I  
(Inspector) (State or Province, National Board)

## ATTACHMENT D

## FORM NIS-2 SUPPLEMENTAL SHEET

1. Owner: Commonwealth Edison Company Sheet 2 of 2  
 One First National Plaza Date 1/29/93  
 Chicago, Illinois 60690 Unit 1
2. Plant: LaSalle County Station  
 2601 N. 21st. Rd.  
 Marseilles, Illinois 61341 See "Other Identification" Below  
P. O. No., WR No., etc.
3. Work Performed by: Mechanical Maint. Type Code Symbol Stamp N/A  
Mechanical Maintenance Name Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System (MS) Main Steam
- 5a. Applicable Construction Code Section III 1971 Edition S72 w/1567 & 1711 Addenda
- 5b. Applicable Edition of Section XI utilized 1980 Edition Winter 1980 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
(9) Inlet Studs	Crosby	*	N/A	L-10487	*	Replaced	N/A
(4) Inlet Studs	Vitco	Ht. Code ATZ	N/A	L-10487	1992	Replacement	N/A
(3) Inlet Studs	Vitco	Ht. # X-1794	N/A	L-10487	1988	Replacement	N/A
(2) Inlet Studs	Vitco	Ht. Code GAM	N/A	L-10487	1992	Replacement	N/A
(12) Inlet Nuts	Crosby	*	N/A	L-15527	*	Replaced	N/A
(12) Inlet Nuts	Vitco	Ht. Code IAJ-1	N/A	L-15527	1992	Replacement	N/A

ZW LAP

**CROSBY****CROSBY VALVE & GAGE COMPANY**\*CORRECTED REPORT 12/5/88  
\*CORRECTED REPORT 10/24/88

Form N-2

**FORM N-2 N OR NPT CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL  
NUCLEAR PARTS AND APPURTENANCES**As Required by the Provisions of the ASME Code, Section III, Division 1  
Not To Exceed One Day's Production

1. Manufactured and certified by Crosby Valve & Gage Co., 43 Kendrick St., Wrentham, MA 02595  
 2. Manufactured for Commonwealth Edison Co., Chicago, IL  
 3. Location of installation La Salle County Station, Marseilles, IL  
 4. Type DS-A-63790 ASME SA182 F316 77,500 1988  
 5. ASME Code Section III 1971 Summer 1972 1  
 6. Fabricated in accordance with Code Spec. (Div 2 only) None None None  
 7. Remarks N/A

LEB-01695 RD. 321877 gm 12-15-88

8. Item thickness (in.) 0.593 Min. design thickness (in.) 0.593 Ds ID (in.) 0.593 Length overall (ft. & in.) 0.593  
 9. When applicable, Certificate Holders' data reports are attached for each item of this report.

Part or Appurtenance Serial Number	National Board No. In Numerical Order	Part or Appurtenance Serial Number	National Board Number In Numerical Order
(1) N93184-39-0069		(120) B. .593 C. .710	B. .400 C. .630
(2) N93184-39-0070		(121) B. .593 C. .709	B. .400 C. .630
(3) N93184-39-0072		(122) B. .594 C. .710	B. .400 C. .630
(4) N93184-39-0073		(123) B. .594 C. .710	B. .400 C. .630
(5) N93184-39-0074		(124) B. .593 C. .709	B. .400 C. .630
(6) N93184-39-0075		(125) B. .593 C. .709	B. .400 C. .630
(7) N93184-39-0076		(126) B. .593 C. .710	B. .400 C. .630
(8) N93184-39-0077		(127) B. .593 C. .710	B. .400 C. .630
(9) N93184-39-0078		(128) B. .594 C. .710	B. .400 C. .630
(10) N93184-39-0079		(129) B. .593 C. .710	B. .400 C. .630
(11) N93184-39-0080		(130) B. .594 C. .708	B. .400 C. .630
(12) N93184-39-0081		(131) B. .593 C. .710	B. .400 C. .630
(13) N93184-39-0082		(132) B. .593 C. .708	B. .400 C. .630
(14) N93184-39-0083		(133) B. .594 C. .710	B. .400 C. .630
(15) N93184-39-0084		(134) B. .594 C. .708	B. .400 C. .630
(16) N93184-39-0085		(135) B. .594 C. .710	B. .400 C. .630
(17) N93184-39-0086		(136) B. .593 C. .710	B. .400 C. .630
(18) N93184-39-0087		(137) B. .593 C. .709	B. .400 C. .630
(19) N93184-39-0088		(138) B. .594 C. .708	B. .400 C. .630
(20) N93184-39-0089		(139) B. .594 C. .708	B. .400 C. .630
(21) N93184-39-0090		(140) B. .594 C. .710	B. .400 C. .630
(22) N93184-39-0092		(141) B. .593 C. .708	B. .400 C. .630
(23) _____		(142) _____	
(24) _____		(143) _____	
(25) _____		(144) _____	
(26) _____		(145) _____	
(27) _____		(146) _____	
(28) _____		(147) _____	
(29) _____		(148) _____	
(30) _____		(149) _____	
(31) _____		(150) _____	

Corrected reports due to wrong design specifications information.

J. J. J. 1/15/89  
Crosby Quality Assurance Date

W. D. Greenlee 12/2/88  
Factory Mutual AMI Date

REMARKS: Report revised to add code case 1711.

J. J. J. 12/15/88  
Crosby Quality Assurance Date FORM N-8 (Rev. 8/88)

W. D. Greenlee 12/15/88  
Factory Mutual AMI Date

See Below

POOR QUALITY ORIGINAL

CERTIFICATE OF DESIGN			
Design specifications certified by	Boyd T. Brooks	C.T. Kish	CA Reg. no. 15567
Design report certified by	W. D. Greenlee		MA Reg. no. 14784

CERTIFICATE OF SHOP COMPLIANCE			
We certify that the statements made in this report are correct and that this report complies with the rules of construction of the ASME Code, Section II.			Kossles
NPT Certificate of Authorization no.		N-1877	Expires 9/30/89
Date	12/2/88	Report	Crosby Valve & Gate Co.

CERTIFICATE OF SHOP INSPECTION	
I, the undersigned, having a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of Massachusetts and employed by Arkwright Mutual Insurance Company of Norwood, MA, have inspected these items described in this date report on 12-22-88 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appendages in accordance with the ASME Code, Section II. Each part noted has been authorized for stamping on the date shown above.	
By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this date report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.	
Date	12/22/88
Signature	<u>W. D. Greenlee</u>
Commission no.	MA-1301

## Mfr. Serial No.

K93184-39-0069  
K93184-39-0070  
K93184-39-0072  
K93184-39-0073  
K93184-39-0074  
K93184-39-0075  
K93184-39-0076  
K93184-39-0077  
K93184-39-0078  
K93184-39-0079  
K93184-39-0080  
K93184-39-0081  
K93184-39-0082  
K93184-39-0083

## Mfr. Serial No.

K93184-39-0084  
K93184-39-0085  
K93184-39-0086  
K93184-39-0087  
K93184-39-0088  
K93184-39-0089  
K93184-39-0090  
K93184-39-0092

L88-01695  
P.O. 321977  
8<sup>th</sup>  
12-14-88

**CROSBY****CROSBY VALVE & GAGE COMPANY**  
WRENTHAM, MASS

O.C.-382

Form 101

FORM 1-1 OF NPT CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL  
NUCLEAR PARTS AND APPURTENANCES  
As Required by the Provisions of the ASME Code, Section III, Division 1  
Not to Exceed One Day's ProductionCorrected Report  
11-23-91  
11-23-91

Page 1 of 1

1. Manufactured and certified by Crosby Valve & Gage Co., 43 Kendrick St., Wrentham, MA 02093  
(name and address of certificate holder)
2. Manufactured for Commonwealth Edison Co., P.O. Box 7657 Chicago, IL 60690  
(name and address of purchaser)
3. Location of installation LaSalle Station #1 2501 N. 2<sup>nd</sup> ST RD., Marseilles, IL 61341-02303  
(name and address)
4. Type DS-A-53790 ASME SA637 Gr. 718 216,000 1991  
(drawing no.) (mat'l spec no.) (nominal strength) (year built)
5. ASME Code, Section III 1971 Summer 1972 1 11-23-91  
(edition) (addendum) (class) (Code Case no.)
6. Fabricated in accordance with Codes, Specs. (Div. 1 only) --- Revision --- Date ---  
(No.)
7. Remarks: \_\_\_\_\_
8. Nom. thickness (in.) --- Min. design thickness (in.) --- Min. ID (ft. & in.) --- Length overall (ft. & in.) ---
9. When applicable, Certificate Holders' data reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. In Numerical Order	Part or Appurtenance Serial Number	National Board No. In Numerical Order
(1) <u>NO. 105-46-0164</u>		(206)	
(2) <u>NO. 105-46-0165</u>		(207)	
(3) <u>NO. 105-46-0166</u>		(208)	
(4) <u>NO. 105-46-0167</u>		(209)	
(5) <u>NO. 105-46-0168</u>		(210)	
(6) <u>NO. 105-46-0169</u>		(211)	
(7) <u>NO. 105-46-0170</u>		(212)	
(8) <u>NO. 105-46-0171</u>		(213)	
(9) <u>NO. 105-46-0172</u>		(214)	
(10) <u>NO. 105-46-0173</u>		(215)	
(11) <u>NO. 105-46-0174</u>		(216)	
(12) <u>NO. 105-46-0175</u>		(217)	
(13) <u>NO. 105-46-0176</u>		(218)	
(14) <u>NO. 105-46-0177</u>		(219)	
(15) <u>NO. 105-46-0178</u>		(220)	
(16) <u>NO. 105-46-0179</u>		(221)	
(17) <u>NO. 105-46-0180</u>		(222)	
(18) <u>NO. 105-46-0181</u>		(223)	
(19) <u>NO. 105-46-0182</u>		(224)	
(20) <u>NO. 105-46-0183</u>		(225)	
(21) <u>NO. 105-46-0184</u>		(226)	
(22) <u>NO. 105-46-0185</u>		(227)	
(23) <u>NO. 105-46-0186</u>		(228)	
(24) <u>NO. 105-46-0187</u>		(229)	
(25) <u>NO. 105-46-0188</u>		(230)	

**POOR QUALITY  
ORIGINAL**10. Design pressure --- psi Temp. --- °F. Hydr. test pressure --- at temp. --- °F.  
(when applicable)

POOR QUALITY  
ORIGINAL

Form F-1

FORM W-2 (back)

Mr. Serial No. (1) See front side for  
required serial numbers.

L91-02903

### CERTIFICATION OF DESIGN

Design specification certified by G.T. Migh P.E. state CA Reg. No. 15587  
(when applicable)

Design report\* certified by W.D. Brownlee P.E. state MA Reg. No. 14794  
(when applicable)

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### CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Disc Inserts conform to the rules of construction of the ASME Code, Section III.

KPI Certificate of Authorization no. N-1877 Expires 9/30/92

Date 10-28-91 Name Crosby Valve & Gage Co. Signed Lawrence J. Davis  
(KPI Certificate Holder) (Authorized Representative)

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### CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or province of Massachusetts and employed by See below of Notwood, MA have inspected these items described in this data report on 10-28-91 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this data report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from, or connected with this inspection.

Factory Mutual System

Date 10-28-91 Signed W.D. Brownlee Commission MA 1207  
(Authorized Inspector) (Ret'd. Incl. endorsements) state or prov. and no.)

\*Arkwright Mutual Insurance Company

\*\* Report corrected to add Code Case 1711

\*\* Lawrence J. Davis  
Crosby Valve & Gage Company

10-25-91  
Date

\*\* W.D. Brownlee  
Authorized Nuclear Inspector

10-25-91  
Date

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

1. Owner Commonwealth Edison Company Date 1/29/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1 See Item 6 "Other Identification" Below  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st. Rd. Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (MS) Main Steam
5. (a) Applicable Construction Code Sect. III 1971 Edition S72 Addenda, Code Cases 1567 & 1711  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WB0 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRW No.	Other Identification	Year Built	Repaired, Replaced, Replacement	ASME Code Stamped (Yes or No)
SRV Valve	Crosby	N63790-00-0013	N/A	N/A	L-15526	*	Replaced	N/A
SRV Valve	Crosby	N63790-00-0079	N/A	N/A	L-10481	*	Replacement	N/A
(3) Inlet Studs	Crosby	*	N/A	N/A	L-10481	*	Replaced	N/A
(3) Inlet Studs	Vitco	Ht. Code ATZ	N/A	N/A	L-10481	1992	Replacement	N/A

7. Description Class 1 Replacement, \* = Per N-5 Code Data Report on File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other System Leakage Test  
Pressure 1052 psi Test Temp. Amb.   Deg. F
9. Remarks Valve SN# N63790-00-0079 was refurbished under Work Request L-10481 and installed under Work Request L-15526 as a replacement for SN# N63790-00-0013.

CERTIFICATION OF COMPLIANCE

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

Signed   (Owner or Owner's Designee)   (Title) 3-12, 1993 (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 3-12, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/12/93 John R. Tetreault (Inspector) Commissions IL 1416 N,1 (State or Province, National Board)

## ATTACHMENT B

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

1. Owner Commonwealth Edison Company Date 5/13/91  
(Name)  
One First National Plaza, Chicago IL, 60690 Sheet 1 of 1  
(Address) L-05553
2. Plant LaSalle County Nuclear Station Unit 1 Repair Org., P.O. No., Job No., etc.  
(Name)  
R.R. #1, Box 220 Marseilles, IL, 61341 Type Code Symbol Stamp N/A  
(Address)
3. Work Performed by Mechanical Maintenance Authorization No. N/A  
(Name)  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System Control Rod Drive (RD)
5. (a) Applicable Construction Code \* 19 \* Edition \* Addenda, Code Cases: \*  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1950, WBO Addenda
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l. Bd. No.	CRN No.	Other Identification Location	Year Built	Repaired, Replaced, Replacement	ASME Code Stamped (Yes or NO)
Control Rod Drive Assy.	G.E.	A1009	N/A	N/A	02-43	**	Replaced	Yes
CRD Cap Screws	G.E.	N/A	N/A	N/A	N/A	**	Replaced	N/A
Control Rod Drive Assy.	G.E.	B380	N/A	N/A	02-43	*	Replacement	Yes
CRD Cap Screws	G.E.	N/A	N/A	N/A	J20	*	Replacement	N/A

7. Description Class 1 Replacement \*\* = Per W-5 Code Data Report Form On File At LaSalle County Station
8. Tests Conducted: Hydrostatic Pneumatic X Nominal Operating Pressure X Other = System Leakage Test  
Pressure 1020 psi Test Temp. Amb. Deg. F
9. Remarks \* = Cap Screws Are Class 1, Section III 1977 Ed., S77 Ad. Reconciled Per PCE 89-314. \* = CRD Assembly  
(Applicable Manufacturer's Data Reports to be Attached)  
is Class 1, Section III 1974 Ed., W75 Ad., with Code Case 1361-2 Reconciled per PTEs 88-013, and 396. Both the  
Part Classification Eval. (PCE), and the Part Technical Evals. are on file At LaSalle County Station.

## CERTIFICATION OF COMPLIANCE

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

Signed Robert J. Mester MASTER MECHANIC 1-6, 19 92  
(Owner or Owner's Designee) (Title) (Date)

## CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. of Hartford, CT

have inspected the Replacement described in this Report on 7 JAN., 1992  
(Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 01/07/92 John R. Tetreault Commissions IL 1416 N.1  
(Inspector) (State or Province, National Board)

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

1. Owner Commonwealth Edison Company Date 1/22/93  
(Name)  
One First National Plaza, Chicago, IL, 60690 Sheet 1 of 1  
(Address)
2. Plant LaSalle County Nuclear Station Unit 1  
(Name)  
2601 N. 21st. Rd. Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance VR # 117216  
(Name) Repair Organization, P.O. No., Job No., etc.  
Mechanical Maintenance  
(Address)
4. Identification of System Control Rod Drive (RD)
5. (a) Applicable Construction Code 19 Edition \* Addenda, Code Cases \*  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification Location	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Control Rod Drive Assembly	G.E.	A1048	N/A	N/A	06-27	**	Replaced	N/A
CRD Cap Screws	G.E.	**	N/A	N/A	**	**	Replaced	N/A
Control Rod Drive Assembly	G.E.	9288	N/A	N/A	06-27	*	Replacement	N/A
CRD Cap Screws	G.E.	Ht.# KDG	N/A	N/A	N/A	1990	Replacement	N/A

7. Description Class 1 Replacement \*\* = Per N-5 Code Data Report On File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☒ Pneumatic ☒ Normal Operating Pressure ☒ Other  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks \* = Cap Screws Are Class 1, Section III 1977 Ed., S77 Ad, Reconciled Per PCE 89-314. \* = CRD Assembly  
(Applicable Manufacturer's Data Report to be Attached)  
Is Class 1, Section III 1974 Ed., W75 Ad., With Code Case 1361-2 Reconciled Per PTEs 88-013 and 88-396. Both  
The Part Classification Eval. (PCE), And The Part Technical Eval. Are On File At LaSalle County Station.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] for SA 102 3-17, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the Replacement described in this Report on 3-18, 1993 (Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/18/93 [Signature] John E. Tetreault Commissions IL 1416 N.I  
(Inspector) (State or Province, National Board)

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

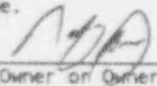
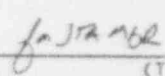
1. Owner Commonwealth Edison Company Date 1/22/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1  
(Name)  
2601 N. 21st. Rd. Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance VR # 114778  
(Name) Repair Organization, P.O. No., Job No., etc.  
Mechanical Maintenance  
(Address)
4. Identification of System Control Rod Drive (RD)
5. (a) Applicable Construction Code \* 19 \* Edition \* Addenda, Code Cases \*  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Mat'l Bd. No.	CRW No.	Other Identification Location	Year Built	Repaired, Replaced, Replacement	ASME Code Stamped (Yes or No)
Control Rod Drive Assembly	G.E.	9382	N/A	N/A	14-35	**	Replaced	N/A
CRD Cap Screws	G.E.	**	N/A	N/A	**	**	Replaced	N/A
Control Rod Drive Assembly	G.E.	A1029	N/A	N/A	14-35	*	Replacement	N/A
CRD Cap Screws	G.E.	Ht.# KOG	N/A	N/A	N/A	1990	Replacement	N/A

7. Description Class 1 Replacement \*\* = Per N-5 Code Data Report On File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks \* = Cap Screws Are Class 1, Section III 1977 Ed., S77 Ad. Reconciled Per PCE 89-314. \* = CRD Assembly  
(Applicable Manufacturer's Data Report to be Attached)  
Is Class 1, Section III 1974 Ed. W75 Ad., With Code Case 1361-2 Reconciled Per PTES 88-013 and 88-396. Both  
The Part Classification Eval. (PCE), And The Part Technical Evals. Are On File At LaSalle County Station.


CERTIFICATION OF COMPLIANCE

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

Signed   3-17, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the Replacement described in this Report on 3-18, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/18/93  Commissions IL 1416 N.1  
John R. Tetreault (Inspector) (State or Province, National Board)

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

1. Owner Commonwealth Edison Company Date 1/22/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1  
(Name)  
2601 N. 21st. Rd. Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance WR # 114781  
(Name)  
Mechanical Maintenance Repair Organization, P.O. No., Job No., etc.  
(Address)
4. Identification of System Control Rod Drive (RD)
5. (a) Applicable Construction Code \* 19 \* Edition \* 1 Addenda, Code Cases \* 1  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRM No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Control Rod Drive Assembly	G.E.	9524	N/A	N/A	Location 42-31	**	Replaced	N/A
CRD Cap Screws	G.E.	**	N/A	N/A	**	**	Replaced	N/A
Control Rod Drive Assembly	G.E.	9404	N/A	N/A	Location 42-31	*	Replacement	N/A
CRD Cap Screws	G.E.	Ht.# KOG	N/A	N/A	N/A	1990	Replacement	N/A

7. Description Class 1 Replacement \*\* = Per N-5 Code Data Report On File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks \* = Cap Screws Are Class 1, Section III 1977 Ed., S77 Ad. Reconciled Per PCE 89-314. \* = CRD Assembly  
(Applicable Manufacturer's Data Report to be Attached)  
Is Class 1, Section III 1974 Ed., W75 Ad., With Code Case 1361-2 Reconciled Per PTEs 88-013 and 88-396. Both  
The Part Classification Eval. (PCE), And The Part Technical Eval. Are On File At LaSalle County Station.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] [Signature] 3-17, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the Replacement described in this Report on 3-18, 1993  
(Rep. or Repl.)  
and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/18/93 [Signature] John R. Tetreault Commissions IL 1416 W.I  
(Inspector) (State or Province, National Board)

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

1. Owner Commonwealth Edison Company Date 1/22/93  
(Name)  
One First National Plaza, Chicago, IL., 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1  
(Name)  
2601 W. 21st. Rd. Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance WR # 114782  
(Name) Repair Organization, P.O. No., Job No., etc.  
Mechanical Maintenance  
(Address)
4. Identification of System Control Rod Drive (RD)
5. (a) Applicable Construction Code 19 \* Edition \* Addenda, Code Cases \*  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Net'l Bd. No.	CRM No.	Other Identification Location	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Control Rod Drive Assembly	G.E.	A1016	N/A	N/A	38-31	**	Replaced	N/A
CRD Cap Screws	G.E.	**	N/A	N/A	**	**	Replaced	N/A
Control Rod Drive Assembly	G.E.	7667	N/A	N/A	38-31	*	Replacement	N/A
CRD Cap Screws	G.E.	Ht.# KOG	N/A	N/A	N/A	1990	Replacement	N/A

7. Description Class 1 Replacement \*\* = Per N-5 Code Data Report On File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks \* = Cap Screws Are Class 1, Section III 1977 Ed., S77 Ad. Reconciled Per PCE 89-314. \* = CRD Assembly (Applicable Manufacturer's Data Report to be Attached)  
Is Class 1, Section III 1974 Ed. W75 Ad., With Code Case 1361-2 Reconciled Per PTEs 88-013 and 88-396. Both The Part Classification Eval. (PCE), And The Part Technical Evals. Are On File At LaSalle County Station.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] for owner 3-17, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of

Hartford, CT have inspected the Replacement described in this Report on 3-17, 1993  
(Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/17/93 John K. Tetreault Commissions IL 1416 N.1  
(Inspector) (State or Province, National Board)

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

1. Owner Commonwealth Edison Company Date 1/22/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1  
(Name)  
2601 N. 21st. Rd. Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance WR # 114784  
(Name) Repair Organization, P.O. No., Job No., etc.  
Mechanical Maintenance  
(Address)
4. Identification of System Control Rod Drive (RD)
5. (a) Applicable Construction Code 19 \* Edition \* Addenda, Code Cases \*  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WBO Ad, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification Location	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Control Rod Drive Assembly	G.E.	A1024	N/A	N/A	10-15	**	Replaced	N/A
CRD Cap Screws	G.E.	**	N/A	N/A	**	**	Replaced	N/A
Control Rod Drive Assembly	G.E.	AB717	N/A	N/A	10-15	*	Replacement	N/A
CRD Cap Screws	G.E.	Ht. # KOG	N/A	N/A	N/A	1990	Replacement	N/A

7. Description Class 1 Replacement \*\* = Per N-5 Code Data Report On File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks \* = Cap Screws Are Class 1, Section III 1977 Ed., S77 Ad. Reconciled Per PCE B9-314. \* = CRD Assembly  
(Applicable Manufacturer's Data Report to be Attached)  
Is Class 1, Section III 1974 Ed., W75 Ad., With Code Case 1361-2 Reconciled Per PTEs B8-013 and B8-396. Both  
The Part Classification Eval. (PCE), And The Part Technical Evals. Are On File At LaSalle County Station.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] for JTA 3-17, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the Replacement described in this Report on 2-17, 1993  
(Rep. or Repl.)  
and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/17/93 [Signature] John R. Tetreault IL 1416 N.I.  
(Inspector) (State or Province, National Board)

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

1. Owner Commonwealth Edison Company Date 1/22/93  
(Name)  
One First National Plaza, Chicago, IL., 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1  
(Name)  
2601 N. 21st. Rd, Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance WR # 114779  
(Name) Repair Organization, P.O. No., Job No., etc.  
Mechanical Maintenance  
(Address)
4. Identification of System Control Rod Drive (RD)
5. (a) Applicable Construction Code \* 19 \* Edition \* Addenda, Code Cases \*  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WBO Ad, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRW No.	Other Identification Location	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Control Rod Drive Assembly	G.E.	9199	N/A	N/A	14-51	**	Replaced	N/A
CRD Cap Screws	G.E.	**	N/A	N/A	**	**	Replaced	N/A
Control Rod Drive Assembly	G.E.	7752	N/A	N/A	14-51	*	Replacement	N/A
CRD Cap Screws	G.E.	Ht. # KOG	N/A	N/A	N/A	1990	Replacement	N/A

7. Description Class 1 Replacement \*\* = Per N-5 Code Data Report On File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks \* = Cap Screws Are Class 1, Section III 1977 Ed., S77 Ad. Reconciled Per PCE 89-314, \* = CRD Assembly  
(Applicable Manufacturer's Data Report to be Attached)  
Is Class 1, Section III 1974 Ed., W75 Ad., With Code Case 1361-2 Reconciled Per PTEs 88-013 and 88-396. Both  
The Part Classification Eval. (PCE), And The Part Technical Eval. Are On File At LaSalle County Station.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] [Signature] 3-17, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of  
Hartford, CT have inspected the Replacement described in this Report on 3-17, 1993  
(Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3-17-93 [Signature] IL 1416 N.1  
(Inspector) (State or Province, National Board)

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

1. Owner Commonwealth Edison Company Date 1/22/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1  
(Name)  
2601 W. 21st. Rd. Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance WR # L14783  
(Name) Repair Organization, P.O. No., Job No., etc.  
Mechanical Maintenance  
(Address)
4. Identification of System Control Rod Drive (RD)
5. (a) Applicable Construction Code \* 19 \* Edition \* Addenda, Code Cases \*  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WBO Ad, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRW No.	Other Identification Location	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Control Rod Drive Assembly	G.E.	9283	N/A	N/A	34-23	**	Replaced	N/A
CRD Cap Screws	G.E.	**	N/A	N/A	**	**	Replaced	N/A
Control Rod Drive Assembly	G.E.	9528	N/A	N/A	34-23	*	Replacement	N/A
CRD Cap Screws	G.E.	Ht.# KOG	N/A	N/A	N/A	1990	Replacement	N/A

7. Description Class 1 Replacement \*\* = Per N-5 Code Data Report On File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks \* = Cap Screws Are Class 1, Section III 1977 Ed., S77 Ad. Reconciled Per PCE 89-314. \* = CRD Assembly  
(Applicable Manufacturer's Data Report to be Attached)  
Is Class 1, Section III 1974 Ed., W75 Ad., With Code Case 1361-2 Reconciled Per PTEs 88-013 and 88-396. Both  
The Part Classification Eval. (PCE), And The Part Technical Eval., Are On File At LaSalle County Station.

CERTIFICATION OF COMPLIANCE

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

Signed *[Signature]* *[Signature]* 3-17, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the Replacement described in this Report on 3-17, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/17/93 *[Signature]* John R. Tetreault IL 1416 N.I.  
(Inspector) (State or Province, National Board)

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

1. Owner Commonwealth Edison Company Date 1/22/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 2
2. Plant LaSalle County Nuclear Station Unit 1  
(Name)  
2601 N. 21st. Rd. Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance See Item 6 "Other Identification" Below  
(Name) Repair Organization, P.O. No., Job No., etc.  
Mechanical Maintenance  
(Address)
4. Identification of System Control Rod Drive (RD)
5. (a) Applicable Construction Code \* 19 \* Edition \* Addenda, Code Cases \*
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, WBO Ad, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Control Rod Drive Assembly	G.E.	7700	N/A	N/A	L-17212	**	Replaced	N/A
CRD Cap Screws	G.E.	**	N/A	N/A	L-17212	**	Replaced	N/A
Control Rod Drive Assembly	G.E.	A8930	N/A	N/A	L-17212	*	Replacement	N/A
CRD Cap Screws	G.E.	Ht.# KOG	N/A	N/A	L-17212	*	Replacement	N/A

7. Description Class 1 Replacement \*\* = Per N-5 Code Data Report On File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☒ Pneumatic ☒ Normal Operating Pressure ☒ Other  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks CRD SN 7700 & Its' External Capscrews were replaced with CRD SN A8930 & new Capscrews under Work  
(Applicable Manufacturer's Data Report to be Attached)  
Request L-17212. CRD SN A1051 was rebuilt and its' Cylinder Tube and Flange replaced with Cylinder Tube and  
Flange SN A8930 under Work Request L-10272. \* = Capscrews are Class 1, Section III, 1977 Ed., W75 Ad.,  
Reconciled per PCE 89-314. \* = CRD Assembly and new Cylinder Tube & Flange are Class 1, Section III,  
1974 Ed., W75 Ad., with Code Case 1361-2, reconciled per PTEs 88-013, 88-396, and 190-06-1045. Both  
the Part Classification Evaluation (PCE), and the Part Technical Evaluations (PTE) are on file at  
LaSalle County Station.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] for SA NR 3/7, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel  
Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of

Hartford, CT have inspected the Replacement described in this Report on 3-17, 1993  
(Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in  
accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer  
makes any warranty, expressed or implied, concerning the repair or replacement described in this Report.  
Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or  
property damage or a loss of any kind arising from or connected with this inspection.

Date 3/17/93 John R. Jettreault Commissions IL 1416 N.I  
(Inspector) (State or Province, National Board)

## FORM NIS-2 SUPPLEMENTAL SHEET

1. Owner: Commonwealth Edison Company  
One First National Plaza  
Chicago, Illinois 60690
2. Plant: LaSalle County Station  
2601 N. 21st. Rd.  
Marseilles, Illinois 61341
3. Work Performed by: Mechanical Maint.  
Name  
Mechanical Maintenance  
Address
4. Identification of System (RD) Control Rod Drive
- 5a. Applicable Construction Code \_\_\_\_\_ 19 \_\_\_\_ Edition \_\_\_\_\_ Addenda
- 5b. Applicable Edition of Section XI utilized 1980 Edition Winter 1980 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components.
- Sheet 2 of 2  
Date 1/22/93  
Unit 1
- See "Other Identification" Below  
P. O. No., WR No., etc.
- Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

[illegible]

FORM N-2 NPT CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PART AND APPURTENANCES\*  
As required by the Provision of the ASME Code Rules, Section III, Div. 1

1. Manufactured & Certified by: GE Company, 2117 Castle Hayne Rd., Wilmington, N.C. 28402  
(Name and Address of NPT Certificate Holder)  
(b) Manufactured for: LeSALLE - 1, Marseilles, IL 61341  
(Name and Address of N Certificate Holder for completed nuclear component)
2. Identification-Certificate Holders's S/N of Part: A8930 Nat'l Bd. No. N/A  
(a) Constructed According to Drawing No: 919D25B0003 Rev 17 Des. Prepared by D. L. Peterson  
(b) Description of Part Inspected: CYLINDER TUBE & FLANGE  
(c) Applicable ASME Code: Section III, Edition 1974, Addenda Date W'75 Case No. 1361-2 Class 1
3. REMARKS: Sub-assembly of Control Rod Drive for use with reactor.  
(Brief description of service for which component was designed)  
Hydrostatically tested at 1825 psi. min.

\*Sheet 1 of 2

We certify that the statements in this report are correct and this vessel part or appurtenance as defined in the code conforms to the rules of construction of the ASME Code Section III. (The applicable Designed Specification and Stress Report are not the responsibility of the NPT Certificate Holder for parts. An NPT Certification Holder for appurtenances is responsible for furnishing a separate Design Specification and Stress Report if the appurtenance is not included in the component Design Specification and Stress Report).

DATE: 12/19, 1990 Signed GE-NEBO-NF&OM-QA By [Signature]  
(NPT Certificate Holder)

Certificate Of Authorization Expires: 6/16/93 Certification of Authorization No.: NPT N-1151

CERTIFICATION OF DESIGN FOR APPURTENANCE

Design information on file at GE COMPANY, SAN JOSE, CALIFORNIA  
Stress analysis report on file at GE COMPANY, SAN JOSE, CALIFORNIA  
DC22A6253 Rev. 1  
Design specification certified by BJORN HAABERG Prof. Eng. State CALIF. Reg. No. 15570  
DC22A6254 Rev. 1  
Stress analysis report certified by EDWARD YOSHIO Prof. Eng. State CALIF. Reg. No. MD18646

CERTIFICATION OF SHOP INSPECTION

I, the undersigned, holding a valid commission by the National Board of Boiler and Pressure Inspectors and/or the State or Province of NORTH CAROLINA and employed by DEPARTMENT OF LABOR of STATE OF NORTH CAROLINA have inspected the part of a pressure vessel described in this Partial Data Report on 12/19 1990, and state that to the best of my knowledge and belief, the NPT Certificate Holder has constructed this part in accordance with the ASME Code Section III.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the part described in the Partial Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damages or a loss of any kind arising from or connected with this inspection.

DATE 12/19, 1990 Inspector's Signature [Signature] NC 1231, PA WC3686, Ohio  
National Board, State, Province and No.

\*Supplemental sheets in form of lists, sketches or drawing may be used provided (1) size is 8-1/2" X 11", (2) information in 1-2 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded in Item 3. "REMARKS"

FORM E-2 (Rev. 1-54)

Items 4-8 incl. to be completed for single wall vessels, jacketed vessels, or shells of heat exchangers.

4. Shell: Material T.S. Thickness in. Allowance in. Dia. ft. in. Length ft. in.  
(Kind & Spec. No.) (Min. of Range Specified)

5. Seams: Long N.T.<sup>1</sup> R.T. Efficiency 8  
Girth N.T.<sup>1</sup> R.T. No. of Courses 1

6. Heads: (a) Material T.S. (b) Material T.S.  
Location (Top Bottom, End) Thickness in. Crown Radius in. Knuckle Radius in. Elliptical Ratio 1:1 Conical Apex Angle 90° Hemispherical Radius in. Flat Diameter in. Side to Process (conv. or conc.)  
(a) Top Bottom End  
(b) Chamfer  
If removable, bolts used (a) 1/2" x 1/2" (b) 1/2" x 1/2" Other Fastening None  
(Material, Spec. No., T.S. Size Number) (Describe or attach sketch)

7. Jacket Closure: Welded  
(Describe as open and weld, bar, etc. If bar give dimensions, if bolts, describe or sketch)

8. Design Pressure <sup>2</sup> 175 psi at 375 °F Drop Weight 10 ft-lb  
Charpy Impact 10 ft-lb at temp. of 375 °F

Items 9 and 10 to be completed for tube sections.

9. Tube Sheet: Stationary Mat'l Steel Dia. 1/2" Thickness 1/8" Attachment Welded  
(Kind of Spec. No.) (Subj. to Process) (Welded, Bolted)  
Floating: Material Steel Dia. 1/2" Thickness 1/8" Attachment Welded

10. Tubes: Material Steel O.D. 1/2" in. Thickness 1/8" or gauge. Number 1 Type U  
(Str. or U)

Items 11-15 incl. to be completed for inner members of jacketed vessels, or shells of heat exchangers.

11. Shell: Material T.S. Thickness in. Allowance in. Dia. ft. in. Length ft. in.  
(Kind & Spec. No.) (Min. of Range Specified)

12. Seams: Long N.T.<sup>1</sup> R.T. Efficiency 8  
Girth N.T.<sup>1</sup> R.T. No. of Courses 1

13. Heads: (a) Material T.S. (b) Material T.S.  
Location (Top Bottom, End) Thickness in. Crown Radius in. Knuckle Radius in. Elliptical Ratio 1:1 Conical Apex Angle 90° Hemispherical Radius in. Flat Diameter in. Side to Process (conv. or conc.)  
(a) Top Bottom End  
(b) Chamfer  
If removable, bolts used (a) 1/2" x 1/2" (b) 1/2" x 1/2" (c) 1/2" x 1/2" Other Fastening None  
(Material, Spec. No., T.S. Size Number) (Describe or attach sketch)

14. Design pressure <sup>2</sup> 175 psi at 375 °F Drop Weight 10 ft-lb  
Charpy Impact 10 ft-lb at temp. of 375 °F

Items below to be completed for all vessels where applicable.

15. Safety Valve Outlets: Number 1 Size 1/2" Location Top

16. Nozzles:  
Purpose (Inlet Outlet, Drain) Outlet Number 1 Dia or Size 1/2" Type U Material Steel Thickness 1/8" Reinforcement Material None Attached Yes

17. Inspection Openings: Manholes, No. 1 Size 1/2" Location Top  
Handhole, No. 1 Size 1/2" Location Top  
Threaded, No. 1 Size 1/2" Location Top

18. Supports: Saddle Yes Lugs 1 Lugs 1 Other None Attached Yes  
(Yes or No) (Number) (Number) (Describe) (Where & How)

<sup>1</sup> If Postweld Heat-Treated.

<sup>2</sup> List other internal or external pressure with coincident temperature when applicable.

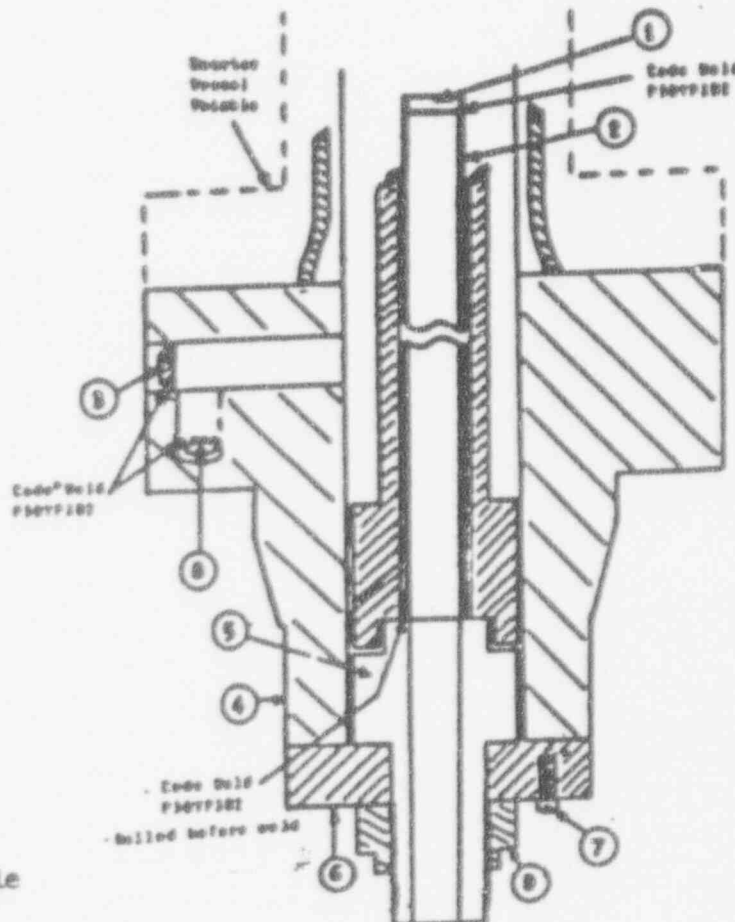
1-101-00345

FORM N-2 NPT CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PART AND APPURTENANCES\*  
As required by the Provision of the ASME Code Rules, Section III, Div. I

1. Manufactured & Certified by: GE Company, 2117 Castle Hayne Rd., Wilmington, N.C. 28402  
(Name and Address of NPT Certificate Holder)
- (b) Manufactured for: LaSalle - J Marionville, IL, 61341  
(Name and Address of N Certificate Holder for completed nuclear component)
2. Identification-Certificate Holders's S/N of Part: A8930 Nat'l Bd. N. N/A
- (a) Constructed According to Drawing No: 919D258000 Rev 17 Desg. Prepared by D. L. Peterson
- (b) Description of Part Inspected: CYLINDER TUBE & FLANGE
- (c) Applicable ASME Code: Section III, Edition 1974, Addenda Date W'75, Case No. 1361-2 Class 1
- REMARKS: Sub-assembly of Control Rod Drive for use with reactor.  
(Brief description of service for which component was designed)  
Hydrostatically tested at 1825 psi. min.

\*Sheet 2 of 2

1. Cap 167A2343P1  
SA182-F304  
3/8 thick x 1 1/16 OD
2. Indicator Tube 104B1336P3  
SA312-TP316  
3/4 sch 40-seamless pipe  
0.113 wall thickness  
1.065 max. dia.
3. Plug 159A1176P1  
SA182-F304  
1/4 thick x 0.812 OD
4. Flange 919D610P1 (719E474)  
SA182-F304  
3.37 thick x 9 5/8 OD
5. Head 129B3539P3, P5  
SA182-F304  
7/8 thick x 2.875 Dia.
6. Ring Flange 114B5122P2  
SA182-F304  
1" thick x 5.0 OD x 1.75 ID
7. Cap Screw 117C4516P2  
SA193-B6  
6 ea. 1/2 dia. on 4 1/8 bolt circle
8. Plug 175A7961P1  
SA182-F304  
0.38 thick x 1.307 dia.
9. Nut 114B5460P1  
SA193-B8A  
1.30 thick x 2.62 dia.



L91-00343

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

1. Owner Commonwealth Edison Company Date 1/22/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 2
2. Plant LaSalle County Nuclear Station Unit 1  
(Name)  
2601 N. 21st. Rd. Marseilles, IL, 61341  
(Address)
3. Work Performed by Mechanical Maintenance See Item 6 "Other Identification" Below  
(Name) Repair Organization, P.O. No., Job No., etc.  
Mechanical Maintenance  
(Address)
4. Identification of System Control Rod Drive (RD)
5. (a) Applicable Construction Code \* 19 \* Edition \*  Addenda, Code Cases \*   
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WBO Ad, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Mat'l Bd. No.	CRW No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Control Rod Drive Assembly	G.E.	6871	N/A	N/A	L-17213	**	Replaced	N/A
CRD Cap Screws	G.E.	**	N/A	N/A	L-17213	**	Replaced	N/A
Control Rod Drive Assembly	G.E.	A8942	N/A	N/A	L-17213	*	Replacement	N/A
CRD Cap Screws	G.E.	Ht.# KOG	N/A	N/A	L-17213	1990	Replacement	N/A

7. Description Class 1 Replacement \*\* = Per N-5 Code Data Report On File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks CRD SW 6871 & Its' External Cap Screws were replaced with CRD SW A8942 & new Cap Screws under Work  
(Applicable Manufacturer's Data Report to be Attached)  
Request L-17213. CRD SW A8942 was rebuilt and its' internal Ring Flange Cap Screws replaced under Work  
Request L-12719. \* = The External CRD Cap Screws are Class 1, Section III, 1977 Ed., S77 Ad. Reconciled per  
PCE 89-314. \* = The Internal Ring Flange Cap Screws are Class 1, Section III, 1974 Ed., W75 Ad.  
Reconciled per PTE L92-06-0239. \* = CRD Assembly is Class 1, Section III, 1974 Ed., W75 Ad. with Code  
Case 1361-2 Reconciled per PTEs 88-013 and 88-396. Both the Part Classification Evaluation (PCE), and  
the Part Technical Evaluations (PTEs) are on file at LaSalle County Station.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] for S. A. [Signature] 3/17, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of  
Hartford, CT have inspected the Replacement described in this Report on 3-17, 1993  
(Rep. or Repl.)  
and state that to the best of my knowledge and belief, this repair or replacement has been constructed in  
accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer  
makes any warranty, expressed or implied, concerning the repair or replacement described in this Report.  
Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or  
property damage or a loss of any kind arising from or connected with this inspection.

Date 3/17/93 John R. Tetreault Commissions IL 1416 N.I.  
(Inspector) (State or Province, National Board)

## FORM NIS-2 SUPPLEMENTAL SHEET

1. Owner: Commonwealth Edison Company  
One First National Plaza  
Chicago, Illinois 60690

2. Plant: LaSalle County Station  
2601 N. 21st. Rd.  
Marseilles, Illinois 61341

3. Work Performed by: Mechanical Maint.  
Name  
Mechanical Maintenance  
Address

4. Identification of System (RD) Control Rod Drive

5a. Applicable Construction Code \_\_\_\_\_ 19 \_\_\_\_ Edition \_\_\_\_\_ Addenda \_\_\_\_\_

5b. Applicable Edition of Section XI utilized 1980 Edition Winter 1980 Addenda \_\_\_\_\_

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

[illegible]

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

1. Owner Commonwealth Edison Company Date 1/22/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 2
2. Plant LaSalle County Nuclear Station Unit 1  
(Name)  
2601 W. 21st. Rd, Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance See Item 6 "Other Identification" Below  
(Name) Repair Organization, P.O. No., Job No., etc.  
Mechanical Maintenance  
(Address)
4. Identification of System Control Rod Drive (RD)
5. (a) Applicable Construction Code 19 \* Edition \* Addenda, Code Cases \*  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WBO Ad, Code Cases N/A
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Control Rod Drive Assembly	G.E.	6293	N/A	N/A	L-14780	**	Replaced	N/A
CRD Cap Screws	G.E.	**	N/A	N/A	L-14780	**	Replaced	N/A
Control Rod Drive Assembly	G.E.	8412	N/A	N/A	L-14780	*	Replacement	N/A
CRD Cap Screws	G.E.	Ht.# KOG	N/A	N/A	L-14780	1990	Replacement	N/A

7. Description Class 1 Replacement \*\* = Per N-5 Code Data Report On File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks CRD SW 6293 & its' External Cap Screws were replaced with CRD SW 8412 & new Cap Screws under Work  
(Applicable Manufacturer's Data Report to be Attached)  
Request L-14780. CRD SW 8412 was rebuilt and its' internal Ring Flange Cap Screws replaced under Work  
Request L-12414. \* = The External CRD Cap Screws are Class 1, Section III, 1977 Ed., S77 Ad. Reconciled per  
PCE 89-314. \* = The internal Ring Flange Cap Screws are Class 1, Section III, 1974 Ed., W75 Ad.  
Reconciled per PTE 192-06-0239. \* = CRD Assembly is Class 1, Section III, 1974 Ed., W75 Ad. with Code  
Case 1361-2 Reconciled per PTEs 88-013 and 88-396. Both the Part Classification Evaluation (PCE), and  
the Part Technical Evaluations (PTEs) are on file at LaSalle County Station.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] for SA RSR 3/17, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT have inspected the Replacement described in this Report on 3-17, 1993  
(Rep. or Repl.)  
and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/17/93 [Signature] John R. Letreault Commissions IL 1416 N.1  
(Inspector) (State or Province, National Board)

## FORM NIS-2 SUPPLEMENTAL SHEET

1. Owner: Commonwealth Edison Company  
One First National Plaza  
Chicago, Illinois 60690
2. Plant: LaSalle County Station  
2601 N. 21st. Rd.  
Marseilles, Illinois 61341
3. Work Performed by: Mechanical Maint.  
Name  
mechanical Maintenance  
Address
4. Identification of System (RD) Control Rod Drive
- 5a. Applicable Construction Code       \*       19       \*       Edition       \*       Addenda
- 5b. Applicable Edition of Section XI utilized 1980 Edition Winter 1980 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components.
- Sheet 2 of 2  
Date 1/22/93  
Unit 1
- See "Other Identification" Below  
P. O. No., WR No., etc.
- Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

[illegible]

## ATTACHMENT B

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

1. Owner Commonwealth Edison Company Date 4/27/91  
(Name)  
One First National Plaza, Chicago IL, 60690 Sheet 1 of 1  
(Address) L-05558
2. Plant LaSalle County Nuclear Station Unit 1 Repair Org., P.O. No., Job No., etc.  
(Name)  
R.R. #1, Box 220 Marseilles, IL 61341 Type Code Symbol Stamp N/A  
(Address)
3. Work Performed by Mechanical Maintenance Authorization No. N/A  
(Name)  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (MS) Main Steam
5. (a) Applicable Construction Code Sect. III 1974 Edition S76, W74 Addenda, Code Cases: None  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1980, W80 Addenda
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l. Bd. No.	CRN No.	Other Identification	Year Built	Repaired, Replaced, Replacement	ASME Code Stamped (Yes or NO)
Valve Disc	Anderson Greenwood	A-1765	N/A	N/A	1B21-F067B	1978	Replaced	N/A
Valve Disc	Anderson Greenwood	A927-1	N/A	N/A	1B21-F067B	1990	Replacement	N/A
Seal Weld	N/A	N/A	N/A	N/A	1B21-F067B	4/27/91	Replacement	N/A

7. Description Replaced valve disc for valve 1B21-F067B
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☒ Other System Leakage Test  
Pressure 1050 psi Test Temp. Amb. Deg. F
9. Remarks ASME Class I Replacement, Ref. PTE L-90-00-0604  
(Applicable Manufacturer's Data Reports to be Attached)  
N-5 Code Data Report form on file At LaSalle County Station

## CERTIFICATION OF COMPLIANCE

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

Signed [Signature] MASTIK MECHANIC 1-6, 19 92  
(Owner or Owner's Designee) (Title) (Date)

## CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. of Hartford, CT

have inspected the Replacement described in this Report on 7 Jan., 1992  
(Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 6/10/92 [Signature] John R. Tetreault IL 1416 N.I.  
(Inspector) (State or Province, National Board)

FORM N-2 C FICATE HOLDERS' DATA REPORT F IDENTICAL  
NUCLEAR PARTS AND APPURTENANCES

S.O.# 07.8888  
P.O.# 330269

As Required by the Provisions of the ASME Code, Section III  
Not to Exceed One Day's Production

Pg. 1 of 2

1. Manufactured and certified by ANDERSON, GREENWOOD AND CO. 5425 S. RICE AVE. HOUSTON, TX. 77081  
(Name and address of NPT Certificate Holder)
2. Manufactured for COMMONWEALTH EDISON CO. P.O. BOX 767 CHICAGO, IL 60690  
(Name and address of Purchaser)
3. Location of installation LASALLE NUCLEAR STATION 2601 N. 21ST RD. MARSEILLES, IL 61341  
(Name and address)
4. Type: NO4-3992-001 SA217-CA15 90 N/A 1990  
(Drawing no.) (Spec. no.) (Material) (Code) (Year built)
5. ASME Code, Section III, Division 1: 1974 W-74, S-76 1 N/A  
(Edition) (Section) (Division) (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision N/A Date N/A  
(Div.)
7. Remarks: REPLACEMENT PARTS (Disc Hardfaced)

8. Nom. thickness (in.) N/A Min. design thickness (in.) N/A Dia. ID (ft & in.) N/A Length overall (ft & in.) N/A
9. When applicable, Certificate Holders' Data Reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order
(1) <u>A927-1</u>	
(2) <u>A927-3</u>	
(3) <u>A927-7</u>	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
(10)	
(11)	
(12)	
(13)	
(14)	
(15)	
(16)	
(17)	
(18)	
(19)	
(20)	
(21)	
(22)	
(23)	
(24)	
(25)	

Part or Appurtenance Serial Number	National Board No. in Numerical Order
(26)	
(27)	
(28)	
(29)	
(30)	
(31)	
(32)	
(33)	
(34)	
(35)	
(36)	
(37)	
(38)	
(39)	
(40)	
(41)	
(42)	
(43)	
(44)	
(45)	
(46)	
(47)	
(48)	
(49)	
(50)	

10. Design pressure N/A psi. Temp. N/A °F. Hydro. test pressure N/A at temp. °F  
(when applicable)

\* Supplemental information in the form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in name 2 and 3 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

Certificate Holder's Serial Nos. \_\_\_\_\_

through \_\_\_\_\_

## CERTIFICATION OF DESIGN

Design specifications certified by DAVID C. HAAN P.E. State IL Reg. no. 62-32917  
(when applicable)Design report\* certified by William D. Stringfellow P.E. State Tx Reg. no. 35620  
(when applicable)

## CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this (these) PARTS  
conforms to the rules of construction of the ASME Code, Section III, Division 1.NPT Certificate of Authorization No. N2204 Expires FXT 2/4/91Date 9/14/90 Name ANDERSON, GREENWOOD AND CO. Signed Joseph A. Parks  
(NPT Certificate Holder) (Authorized Representative)

## CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of  
TEXAS and employed by C.I.C.I.of BOSTON, MA have inspected these items described in this Data Report on 9-14-90 and state that to the  
best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section  
III, Division 1. Each part listed has been authorized for stamping on the date shown above.By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described  
in this Data Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or  
loss of any kind arising from or connected with this inspection.Date 9/14/90 Signed Benjamin Commissioner James A. 1027  
(Authorized Inspector) (Nat'l. Bd. Incl. endorsements) and state or prov. and no.)

"L90-01578"

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

1. Owner Commonwealth Edison Company Date 1/8/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1 L-99604  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st. Rd. Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (MS/B21) Main Steam
5. (a) Applicable Construction Code Sect. III 1974 Edition W75 Addenda, Code Cases None  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired, Replaced, Replacement	ASME Code Stamped (Yes or No)
Globe Valve	Anderson Greenwood	*	N/A	N/A	1B21-F067A	*	Replaced	N/A
Gate Valve	Anchor Darling	EB9B5-2-1	N/A	N/A	1B21-F067A	1991**	Replacement	N/A

7. Description Class 1 Replacement, Replaced Outboard MSIV Drain Isolation Valve with Double-Disc Gate Style.
8. Tests Conducted: ☒ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☐ Other  
Pressure 1135 psi Test Temp. Amb. Deg. F
9. Remarks \* = Per W-5 Code Data Report on file at LaSalle County Station. \*\* = Code of Construction of the  
(Applicable Manufacturer's Data Report to be Attached)  
Replacement Valve is Section III, 1974 Ed., W75 Ad., with Code Case 1567 which has been reconciled to the  
Applicable original Code of Construction Per PTEs L-91-006-0663 & L-92-003-0033 on file at LaSalle Station.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] Station Manager 3-25-93, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 1-8-93, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 4/1/93 [Signature] John R. Tetreault Commissions IL 1416 W.I  
(Inspector) (State or Province, National Board)

As Required by the Provisions of the ASME Code, Section III, Division 1

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

L91-02606

8. Remarks \_\_\_\_\_

9. Design conditions 3580 psi 575 °F or valve pressure class 1878 (1)  
(pressure) (temperature)10. Cold working pressure 4507 psi at 100°F11. Hydrostatic test 6775 psi. Disk differential test pressure 4507 psi

## CERTIFICATION OF DESIGN

Design Specification certified by Gerald I. Zwarich P.E. State IL Reg. no. 62-41234  
Design Report certified by Drew W. Wright P.E. State PA Reg. no. PE-038728-E

## CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

My Certificate of Authorization No. W1712Expires 4/15/92Date 12/23/91 Name Anchor/Darling Valve Company Signed [Signature]  
(By Certificate Holder) (Authorized representative)

## CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State INSPECTION of Pennsylvania and employed by Commercial Union Ins. Co. Boston, Mass. have inspected the pump, or valve, described in this Data Report on 9-19-91 12-23, 19 91, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 12-23-91 Signed [Signature] Commission Pennsylvania 2392  
(Authorized Inspector) (N.B. Bd. (incl. endorsements) state or prov. and no.)  
Charles Young

(1) For manually operated valves only.

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

1. Owner Commonwealth Edison Company Date 1/11/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1 L-99605  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st. Rd. Marseilles, IL, 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (MS/B21) Main Steam
5. (a) Applicable Construction Code Sect. III 1974 Edition W75 Addenda, Code Cases None  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Globe Valve	Anderson Greenwood	*	N/A	N/A	1B21-F067B	*	Replaced	N/A
Gate Valve	Anchor Darling	EB985-1-2	N/A	N/A	1B21-F067B	1991**	Replacement	N/A

7. Description Class 1 Replacement. Replaced Outboard MSIV Drain Isolation Valve with Double-Disc Gate Style.
8. Tests Conducted: ☒ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☐ Other  
Pressure 1145 psi Test Temp. Amb. Deg. F
9. Remarks \* = Per N-5 Code Data Report on file at LaSalle County Station. \*\* = Code of Construction of the  
(Applicable Manufacturer's Data Report to be Attached)  
Replacement Valve is Section III, 1974 Ed., W75 Ad., with Code Case 1567 which has been reconciled to the  
Applicable original Code of Construction Per PTEs L-91-006-0663 & L-92-003-0033 on file at LaSalle Station.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] Station Manager 3-25-93, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 4-26, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 4-26-93 [Signature] John R. Tetreault Commissions IL 1416 N.1  
(Inspector) (State or Province, National Board)

As Required by the Provisions of the ASME Code, Section III, Division 1

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

LY1-02606

8. Remarks \_\_\_\_\_

8. Design conditions 3580 psi 575 °F or valve pressure class 1878 (1)10. Cold working pressure 4507 psi at 100°F11. Hydrostatic test 6775 psi. Disk differential test pressure 4507 psi

## CERTIFICATION OF DESIGN

Design Specification certified by Gerald I. Zwarich P.E. State IL Reg. no. 62-41234  
 Design Report certified by Drew W. Wright P.E. State PA Reg. no. PE-038728-E

## CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N1712 Expires 4/15/92

Date 12/23/91 Name Anchor/Darling Valve Company Signed [Signature]  
 (N Certificate Holder) (Authorized Representative)

## CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State ~~MASSACHUSETTS~~ of Pennsylvania and employed by Commercial Union Ins. Co. of Boston, Mass. have inspected the pump, or valve, described in this Data Report on 9-19-91 12-23 19 91, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 12-23-91 Signed [Signature] Commissions Pennsylvania 2392  
 (Authorized Inspector) (Natl. Bd. (incl. endorsements) state or prov. and no.)

(1) For manually operated valves only.

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

1. Owner Commonwealth Edison Company Date 1/8/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1 L-99606  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st. Rd. Marseilles, IL 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (MS/B21) Main Steam
5. (a) Applicable Construction Code Sect. III 1974 Edition W75 Addenda, Code Cases None  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRW No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Globe Valve	Anderson Greenwood	*	N/A	N/A	1B21-FD67C	*	Replaced	N/A
Gate Valve	Anchor Darling	EB985-2-3	N/A	N/A	1B21-FD67C	1991**	Replacement	N/A

7. Description Class 1 Replacement. Replaced Outboard MS V Drain Isolation Valve with Double-Disc Gate Style.
8. Tests Conducted: ☒ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☐ Other  
Pressure 1134 psi Test Temp. Amb. Deg. F
9. Remarks \* = Per N-5 Code Data Report on file at LaSalle County Station. \*\* = Code of Construction of the  
(Applicable Manufacturer's Data Report to be Attached)  
Replacement Valve is Section III, 1974 Ed., W75 Ad., with Code Case 1567 which has been reconciled to the  
Applicable original Code of Construction Per PTEs L-91-006-0663 & L-92-003-0033 on file at LaSalle Station.

CERTIFICATION OF COMPLIANCE

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

Signed *Darryl Lebell* Station Manager 3-25-93, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 4-28, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 4/28/93 *John R. Tetreault* Commissions IL 1416 N.I.  
(Inspector) (State or Province, National Board)



L91-02606

8. Remarks \_\_\_\_\_

9. Design conditions 3580 psi 575 °F or valve pressure class 1878 (1)  
(pressure) (temperature)10. Cold working pressure 4507 psi at 100°F11. Hydrostatic test 6775 psi. Disk differential test pressure 4507 psi

## CERTIFICATION OF DESIGN

Design Specification certified by Gerald I. Zwarich P.E. State IL Reg. no. 62-41234  
Design Report certified by Drew W. Wright P.E. State PA Reg. no. PE-038728-E

## CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N1712Expires 4/15/92Date 12/23/91 Name Anchor/Darling Valve Company

(N Certificate Holder)

Signed [Signature]

(authorized representative)

## CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State BOARD of Pennsylvania and employed by Commercial Union Ins. Co. of Boston, Mass. have inspected the pump, or valve, described in this Data Report on 9-19-91 12-23, 19 91, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 12-23-91 Signed [Signature]

(Authorized Inspector)

Charles Young

Commission

Pennsylvania 2392

(Nat'l. Bd. (incl. endorsements) state or prov. and no.)

(1) For manually operated valves only.

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

1. Owner Commonwealth Edison Company Date 1/8/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1 L-99607  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st. Rd, Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance ASME Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System MS/B21 Main Steam
5. (a) Applicable Construction Code Sect. III 1974 Edition W75 Addenda, Code Cases None  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1980, WBO Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Globe Valve	Anderson Greenwood	*	N/A	N/A	1B21-F067D	*	Replaced	N/A
Gate Valve	Anchor Darling	EB985-1-1	N/A	N/A	1B21-F067D	1991**	Replacement	N/A

7. Description Class 1 Replacement, Replaced Outboard MSIV Drain Isolation Valve with Double-Disc Gate Style.
8. Tests Conducted: ☒ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☐ Other  
Pressure 1134 psi Test Temp. Amb. Deg. F
9. Remarks \* = Per N-5 Code Data Report on file at LaSalle County Station. \*\* = Code of Construction of the  
(Applicable Manufacturer's Data Report to be Attached)  
Replacement Valve is Section III, 1974 Ed., W75 Ad., with Code Case 1567 which has been reconciled to the  
Applicable original Code of Construction Per PTEs L-91-006-0663 & L-92-003-0033 on file at LaSalle Station.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] Station Manager 3-25-93, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of  
Hartford, CT. have inspected the Replacement described in this Report on 4-28, 1993  
(Rep. or Repl.)  
and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 4/28/93 John R. Tetreault Commissions IL 1416 N.I  
(Inspector) (State or Province, National Board)

As Required by the Provisions of the ASME Code, Section III, Division 1

(Insert name and address of N Certificate Holder)

Name and address of Purchaser or Owner:

grasses and sedges.

Drawing W9123546

(continued)

*Leptochloa distans*

1

1567

600000

Case Code no. \_\_\_\_\_

Apr. 1

See

Diet

Restraining

Studs: SA193-B7

Nuts: SA194-2H

(a)  
Disk  
Serial  
No.

2

2

HT 43015

N/A

1

4

HT #3015

4191-02606

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

L91-02606

8. Remarks \_\_\_\_\_

9. Design conditions 3580 psi 575 °F or valve pressure class 1878 (1)10. Cold working pressure 4507 psi at 100°F11. Hydrostatic test 6775 psi Disk differential test pressure 4507 psi

## CERTIFICATION OF DESIGN

Design Specification certified by Gerald I. Zwarich P.E. State IL Reg. no. 62-41234  
 Design Report certified by Drew W. Wright P.E. State PA Reg. no. PE-038728-E

## CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N1712Expires 4/15/92

Date 12/23/91 Name Anchor/Darling Valve Company Signed [Signature]  
(N Certificate Holder) (Authorized Representative)

## CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State BOARD of Pennsylvania and employed by Commercial Union Ins. Co. of Boston, Mass. have inspected the pump, or valve, described in this Data Report on 9-19-91 12-23-91 and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 12-23-91 Signed [Signature] Commissions Pennsylvania 2392  
(Authorized Inspector) (Natl. Bd. Incl. endorsements) state or prov. and no.)

(1) For manually operated valves only.

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

1. Owner Commonwealth Edison Company Date 1/4/93  
(Name)  
One First National Plaza, Chicago, IL, 60690 Sheet 1 of 1  
(Address)
2. Plant LaSalle County Nuclear Station Unit 1 L-08484  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 N. 21st. Rd. Marseilles, IL, 61341  
(Address)
3. Work Performed by UE&C Catalytic Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
P.O. Box 59 Marseilles IL Expiration Date N/A  
(Address)
4. Identification of System (RCIC) Reactor Core Isolation Cooling
5. (a) Applicable Construction Code Sect. III 19 21 Edition W72 Addenda, Code Cases 1516-1, 1519, 1567  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Flexible-Wedge Otbrd. Isol. Vlv.	Anchor Darling	*	N/A	N/A	1E51-F008	*	Replaced	N/A
Double-Disc Gate Otbrd. Isol. Vlv.	Anchor Darling	ET145-1-1	N/A	N/A	1E51-F008	1992	Replacement	N/A

7. Description Class 1 Replacement, Replaced Flex Wedge Gate Valve with new Double Disc design Valve.
8. Tests Conducted: ☒ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ Other Visual  
Pressure 1280 psi Test Temp. Amb. Deg. F
9. Remarks \* = Per N-5 Code Data Report on file at LaSalle County Station.  
(Applicable Manufacturer's Data Report to be Attached)

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] [Signature] 2-4, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 3-1, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/1/93 [Signature] IL 1416 N.I  
(Inspector) (State or Province, National Board)

L92-01963

## FORM NPT-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\*

Required by the Provisions of the ASME Code, Section III, Division 1

Pg. \_\_\_\_\_ of \_\_\_\_\_

1. Manufactured and certified by Anchor/Darling Valve Co., 701 First St., Williamsport, PA 17701  
(name and address of Manufacturer)
2. Manufactured for Commonwealth Edison Company, P.O. Box 767, Chicago, IL 60690  
(name and address of Purchaser or Owner)
3. Location of installation LaSalle Station, 2601 N. 21st Road, Marseilles, IL 61341  
(name and address)
4. Model No., Series No., or Type DD Gate Drawing W9223688 Rev. \* A - B  
1971 Winter 1972 1516-1 N/A
5. ASME Code, Section III, Division 1: \* 1974 6th Ed. - 1975 1 \* 1516-2 & 1567  
(edition) (addenda date) (stress) (Code Case no.)
6. Pump or valve Valve Nominal inlet size 4" Outlet size 4"  
(in.) (in.)
7. Material: Body SA216-WCB Bonnet SA105 Disk SA105 Bolting N/A

[illegible]

\* Supplemental information in form of lists, sketches, or drawings may be used provided (1) there is 8 1/2 x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/85)

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

8. Remarks Gasket Retainer Material: SA105

9. Design conditions 1714 \* 2192 psi 575 °F or valve pressure class 900 (1)  
(pressure) (temperature)  
 10. Cold working pressure \* 2256 psi at 100°F  
 11. Hydrostatic test 3375 psi. Disk differential test pressure 2475 psi

CERTIFICATION OF DESIGN

Design Specification certified by Gerald I. Zwarich P.E. State IL Reg. no. 62-41234  
 Design Report certified by Drew W. Wright P.E. State PA Reg. no. PE-038728-1

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

My Certificate of Authorization No. N1712 Expires 4/15/95  
 Date 4/22/92 Name Anchor/Darling Valve Company Signed [Signature]  
(My Certificate Holder) (Authorized representative)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State Pennsylvania and employed by Commercial Union Ins. Co. of Boston, Mass. have inspected the pump, or valve, described in this Data Report on 3-20-92 and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 6-22-92 Signed [Signature] Commission Pennsylvania 2392  
(Authorized Inspection) (Date, Ed. Incl. endorsement state or prov. and no.)

(1) For manually operated valves only.

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

1. Owner Commonwealth Edison Company Date 1/7/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 2
2. Plant LaSalle County Nuclear Station Unit 1 L-08480  
(Name)  
2601 W. 21st. Rd. Marseilles, IL. 61341  
(Address) Repair Organization, P.O. No., Job No., etc.
3. Work Performed by UE&C Catalytic Type Code Symbol Stamp N/A  
(Name)  
P.O. Box 59 Marseilles IL. Authorization No. N/A  
(Address) Expiration Date N/A
4. Identification of System (RI) Reactor Core Isolation Cooling
5. (a) Applicable Construction Code \*\* 19 \*\* Edition \*\* Addenda, Code Cases \*\*  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WBO Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRM No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Flexible-Wedge Inbrd. Isol. Vlv.	Anchor Darling	*	N/A	N/A	1E51-F063	*	Replaced	N/A
Double-Disc Gate Inbrd. Isol. Vlv.	Anchor Darling	ET145-7-1	N/A	N/A	1E51-F063	1992**	Replacement	N/A
10" 45 Deg. Elbow	Morrison	*	N/A	N/A	1MS06A-10"	*	Replaced	N/A
10" 45 Deg. Elbow	Custom Alloy Ht. # P1779		N/A	N/A	1MS06A-10"	1992**	Replacement	N/A
PSA-10 Snubber Assy.	Morrison	SN 596	N/A	N/A	MS06-1006S	*	Replaced	N/A

7. Description Class 1 Replacement, Replaced components with new, and valve with a different style of valve.
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other Visual  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks \* = Per N-5 Code Data Report on file at LaSalle County Station. Mechanical Snubber Assembly MS06-1006S upgraded from PSA-10 to PSA-35 per original fabrication and installation specifications J-291B and J-2520 respectively. \*\* = Applicable Code of Construction of replacement valve is ASME Section III, Class 1, 1971 Ed., W72 Ad., with Code Cases 1516-1, and 1567 reconciled per Part Technical Evaluation L91-06-0663. Fitting is ASME Section III, Class 1, 1974 Ed., No Ad., with Code Case N-275 invoked on installation welds. The Snubber Component Support is ANSI B31.7, 1969 Ed., No Addendum. The Part Technical Evaluation is on file at LaSalle County Station. See Form NIS-2 Supplemental Sheet for additional items.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] For SA NR 3-29, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 4-22, 1993 (Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 4/22/93 [Signature] John R. Tetereau Commissions IL 1416 N.I  
(Inspector) (State or Province, National Board)

## FORM NIS-2 SUPPLEMENTAL SHEET

- |     |   |   |   |
|-----|---|---|---|
| 1.  | Owner:  | Commonwealth Edison Company<br>One First National Plaza<br>Chicago, Illinois 60690      | Sheet <u>2</u> of <u>2</u><br>Date <u>1/7/93</u><br>Unit <u>1</u>                               |
| 2.  | Plant:  | LaSalle County Station<br>2601 N. 21st. Rd.<br>Marseilles, Illinois 61341               | <u>L-08480</u><br>P. O. No., WR No., etc.   |
| 3.  | Work Performed by:  | <u>UE&amp;C Catalytic</u><br>Name<br><u>P.O. Box 59 Marseilles Il. 61341</u><br>Address | Type Code Symbol Stamp <u>N/A</u><br>Authorization No. <u>N/A</u><br>Expiration Date <u>N/A</u> |
| 4.  | Identification of System  | <u>(RI) Reactor Core Isolation Cooling</u>  |   |
| 5a. | Applicable Construction Code  | <u>** See Sht.1 19 **</u> Edition <u>** See Sht. 1</u> Addenda                          |   |
| 5b. | Applicable Edition of Section XI utilized                                     | <u>1980</u> Edition <u>Winter 1980</u> Addenda  |   |
| 6.  | Identification of Components Repaired or Replaced and Replacement Components. |   |   |

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
PSA-35 Snubber Assy Consisting of							
Rear Brkt.	Grinnell	Pt. # AH-1545	N/A	MS06-1006S	1992**	Replacement	N/A
End Cap	PSA	Pt. 1801546-03	N/A	MS06-1006S	1980**	Replacement	N/A
FWD. Tube	PSA	Pt. 1801600-04	N/A	MS06-1006S	1980**	Replacement	N/A
Mech. Snubber	PSA	SN # 3387	N/A	MS06-1006S	1987**	Replacement	N/A
1/2" Thk. Carbon Stl. Plate	Ryerson	Ht. # 3230002	N/A	MS06-1006S	1992**	Replacement	N/A
10" Modified Pipe Clamp	Morrison	*	N/A	MS06-1006S	*	Replaced	N/A
10" Std. Pipe Clamp	Grinnell	Pt # BH-1274	N/A	MS06-1006S	1992**	Replacement	N/A

## As Required by the Provisions of the ASME Code, Section III, Division 1

L92-01782

FORM NPV-1 (back)

8. Remarks Gasket Retainer Material: SA516-70

9. Design conditions 2271 psi 575 °F or valve pressure class 900 (1)  
 (pressure) (temperature)  
 10. Cold working pressure 2790 psi at 100°F  
 11. Hydrostatic test 4175 psi. Disk differential test pressure 2790 psi

CERTIFICATION OF DESIGN

Design Specification certified by Gerald I. Zwarich P.E. State IL Reg. no. 62-41234  
 Design Report certified by Drew W. Wright P.E. State PA Reg. no. PE-038728-E

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N1712 Expires 4/15/95  
 Date 8/5/92 Name Anchor/Darling Valve Company Signed [Signature]  
 (N Certificate Holder) (authorized representative)

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State Pennsylvania and employed by Commercial Union Ins. Co. of Boston, Mass. have inspected the pump, or valve, described in this Data Report on 4-13-92 thru 8-7-92, 19 92, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 8-7-92 Signed [Signature] Commission Pennsylvania 2392  
 (Authorized Inspector) (Nat'l. Bd. (incl. endorsements) state or prov. and no.)

(1) For manually operated valves only.

L92-01782

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

1. Owner Commonwealth Edison Company Date 2/20/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1 L-21297  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 N. 21st. Rd. Marseilles, IL 61341  
(Address)
3. Work Performed By Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (RI) Reactor Core Isolation Cooling
5. (a) Applicable Construction Code \*\* 19 \*\* Edition \*\* Addenda, Code Cases \*\*  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Double-Disc Gate Stem & Disc Assy.	Anchor Darling	Discs # 586	N/A	N/A	1E51-F063	1992	Replaced	N/A
Double-Disc Gate Stem & Disc Assy.	Anchor Darling	Discs # 9810	N/A	N/A	1E51-F063	1992**	Replacement	N/A

7. Description Class 1 Replacement, replaced Stem and Disc Assembly installed under Work Request L-08480 with a
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other Visual  
Pressure 921 psi Test Temp. Amb. Deg. F
9. Remarks "Like for Like" Stem and Disc Assembly from a spare valve. \*\* = Applicable Code of Construction of  
(Applicable Manufacturer's Data Report to be Attached)  
the Replaced and Replacement parts is ASME Section III, Class 1, 1971 Ed., W72 Ad., with Code Cases 1516-1,  
and 1567 reconciled per Part Technical Evaluation L91-06-0663. This evaluation is on file at LaSalle County  
Station.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] for SA MCR 3/30, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of

Hartford, CT. have inspected the Replacement described in this Report on 2-13, 1993  
(Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 4/15/93 John R. Tetreault IL 1416 N.I  
(Inspector) (State or Province, National Board)

As Required by the Provisions of the ASME Code, Section III, Division 1

1. Manufactured and certified by Anchor/Darling Valve Co., 701 First St., Williamsport, PA 17701  
(Name and address of N Certificate Holder)

2. Manufactured for Commonwealth Edison Co., P.O. Box 767, Chicago, IL 60690  
(Name and address of Purchaser or Owner)

3. Location of installation LaSalle Station, 2601 N. 21st Road, Marseilles, IL 61341  
(Name and address)

4. Model No., Series No., or Type DD Gate Drawing W9223690 Rev. A CRN N/A

5. ASME Code, Section III, Division 1: 1971 Winter 1972 1 1516-1 & 1567  
(Edition) (Edition date) (Class) (Code Case no.)

6. Pump or valve Valve Nominal inlet size 10" Outlet size 10"  
(in.) (in.)

7. Material: Body SA216-WCB Bonnet SA105 Disk SA105 Bolting N/A

[illegible]

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

INSTALLED UNDER L-21297

L92-01784

8. Remarks Gasket Retainer Material: SA516-709. Design conditions 2271 psi 575 °F or valve pressure class 900 (1)10. Cold working pressure 2790 psi at 100°F11. Hydrostatic test 4175 psi. Disk differential test pressure 2790 psi

## CERTIFICATION OF DESIGN

Design Specification certified by Gerald I. Zwarich P.E. State IL Reg. no. 62-41234  
 Design Report certified by Drew W. Wright P.E. State PA Reg. no. PE-038728-E

## CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N1712 Expires 4/15/95

Date 8/25/92 Name Anchor/Darling Valve Company Signed [Signature]  
 (N Certificate Holder) Authorized representative

## CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State ~~INSPECTION~~ of Pennsylvania and employed by Commercial Union Ins. Co. of Boston, Mass. have inspected the pump, or valve, described in this Data Report on 4/13/92, 19 92 and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 8-26-92 Signed [Signature] Commissions Pennsylvania 2392  
 (Authorized Inspector) (Natl. Bd. (incl. endorsements) state or prov. and no.)

(1) For manually operated valves only.

L92-01784

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

1. Owner Commonwealth Edison Company Date 3/2/93  
(Name)  
One First National Plaza, Chicago, IL, 60690 Sheet 1 of 1  
(Address)
2. Plant LaSalle County Nuclear Station Unit 1 L-21704  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st, Rd. Marseilles, IL 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (R) Reactor Core Isolation Cooling
5. (a) Applicable Construction Code \*\* 19 \*\* Edition \*\* Addenda, Code Cases \*\*  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980 W80 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Double-Disc Gate Stem & Disc Assy.	Anchor Darling	Discs # 9&10	N/A	N/A	1E51-F063	1992	Replaced	N/A
Double-Disc Gate Stem & Disc Assy.	Anchor Darling	Discs # 4&7	N/A	N/A	1E51-F063	1992**	Replacement	N/A

7. Description Class 1 Replacement, replaced Stem and Disc Assembly installed under Work Request L-06480 with a
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other Visual  
Pressure 929 psi Test Temp. Amb.      Deg. F
9. Remarks "Like for Like" Stem and Disc Assembly from a spare valve. \*\* = Applicable Code of Construction of  
(Applicable Manufacturer's Data Report to be Attached)  
the Replaced and Replacement parts is ASME Section III, Class 1, 1971 Ed., W72 Ad., with Code Cases 1516-1,  
and 1567 reconciled per Part Technical Evaluation L91-06-0663. This evaluation is on file at LaSalle County  
Station. Two 1/8" diameter holes were drilled in the upstream disc to relieve internal pressure in the  
valve bonnet and thus preclude pressure locking of the valve. This was considered to be an ASME  
Section XI Replacement, and was completed under Work Request L-21738 after being approved by  
Engineering evaluation.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] for SRA MGR 3/31, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of

Hartford, CT. have inspected the Replacement described in this Report on 4-13, 1993  
(Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 4/13/93 John R. Tetreault Commissions IL 1416 N.1  
(Inspector) (State or Province, National Board)

As Required by the Provisions of the ASME Code, Section III, Division 1

Name and address of N Certificate Holder:

(Name and address of Purchaser or Owner)

Univariate and multivariate analyses

L92-01880

8. Remarks Gasket Retainer Material: SA516-709. Design conditions 2271 psi 575 °F or valve pressure class 900 (1)  
(pressure) (temperature)10. Cold working pressure 2790 psi at 100°F11. Hydrostatic test 4175 psi. Disk differential test pressure 2790 psi

## CERTIFICATION OF DESIGN

Design Specification certified by Gerald I. Zwarich P.E. State IL Reg. no. 62-41234  
Design Report certified by Drew W. Wright P.E. State PA Reg. no. PE-038728-E

## CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N1712 Expires 4/15/95  
Date 9/15/92 Name Anchor/Darling Valve Company Signed [Signature]  
(IN Certificate Holder) (Authorized representative)

## CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State BOARD of Pennsylvania and employed by Commercial Union Ins. Co. of Boston, Mass. have inspected the pump, or valve, described in this Data Report on 4-13-92 9-15-92, 19 92, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 9-15-92 Signed [Signature] Commission No. Pennsylvania 2392  
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) state or prov. and no.)  
Charles Young

(1) For manually operated valves only.

FL92-0108

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

1. Owner Commonwealth Edison Company Date 12/11/92  
(Name)  
One First National Plaza, Chicago, IL, 60690 Sheet 1 of 2  
(Address)
2. Plant LaSalle County Nuclear Station Unit 1 L-10935  
(Name)  
2601 W. 21st. Rd. Marseilles, IL. 61341 Repair Organization, P.O. No., Job No., etc.  
(Address)
3. Work Performed by UEEC Catalytic Type Code Symbol Stamp N/A  
(Name)  
P.O. Box 59 Marseilles IL. Authorization No. N/A  
(Address) Expiration Date N/A
4. Identification of System (RT) Reactor Water Cleanup
5. (a) Applicable Construction Code \*\* 19 \*\* Edition \*\* Addenda, Code Cases \*\*  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Flexible-Wedge Dtbrd. Isol. Vlv.	Anchor Darling	*	N/A	N/A	1G33-F001	*	Replaced	N/A
Double-Disc Gate Dtbrd. Isol. Vlv.	Anchor Darling	EB91 -3-1	N/A	N/A	1G33-F001	1992**	Replacement	N/A
Piping Sub-Assy.	Morrison	*	N/A	N/A	1RT01B-6"	*	Replaced	N/A
6" 90 Deg. Elbow	B.K.L.	Mt. # 5433	N/A	N/A	1RT01B-6"	1988**	Replacement	N/A

7. Description Class 1 Replacement, Replaced components with new, and valve with a different style of valve.
8. Tests Conducted: ☒ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ Other Visual  
Pressure 1150 psi Test Temp. Amb. Deg. F
9. Remarks \* = Per N-5 Code Data Report on file at LaSalle County Station. Component Supports per (Applicable Manufacturer's Data Report to be Attached) original fabrication and installation specifications J-2918 and J-2530 respectively. \*\* = Applicable Code of Construction of valve is Section III, Class 1, 1971 Ed., W72 Ad., Code Cases 1516-1, 1519, & 1567. Fittings are Section III, Class 1, 1974 Ed., No Ad., with Code Case N-275 invoked on installation welds. Component supports are ANSI B31.7, 1969 Ed., No Addendum. See Form NIS-2 Supplemental Sheet for additional items.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] (Owner or Owner's Designee) FM STAL (Title) 2-4, 1993 (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 4-2, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 4/2/93 [Signature] (Inspector) John R. Tetreault Commissions IL 1416 N.1 (State or Province, National Board)

FORM NIS-2 SUPPLEMENTAL SHEET

1. Owner: Commonwealth Edison Company Sheet 2 of 2  
 One First National Plaza Date 12/11/92  
 Chicago, Illinois 60690 Unit 1
2. Plant: LaSalle County Station  
 2601 N. 21st. Rd.  
 Marseilles, Illinois 61341 L-10935  
 P. O. No., WR No., etc.
3. Work Performed by: UE&C Catalytic Type Code Symbol Stamp N/A  
Name Authorization No. N/A  
P.O. Box 59 Marseilles Il. 61341 Expiration Date N/A  
Address
4. Identification of System (RT) Reactor Water Cleanup
- 5a. Applicable Construction Code \*\* See Sht. 1 19 \*\* Edition \*\* See Sht. 1 Addenda
- 5b. Applicable Edition of Section XI utilized 1980 Edition Winter 1980 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
Load Stud	Morrison	N/A	N/A	RT01-1079X	*	Replaced	N/A
Load Stud	PSA	N/A	N/A	RT01-1079X	1988**	Replacement	N/A
Hex Nuts	Morrison	N/A	N/A	RT01-1079X	*	Replaced	N/A
Hex Nuts	Ronson MFG.	Ht. Code GG99-1	N/A	RT01-1079X	1992**	Replacement	N/A
Jam Nuts	Morrison	N/A	N/A	RT01-1079X	*	Replaced	N/A
Jam Nuts	Nova	N/A	N/A	RT01-1079X	1990**	Replacement	N/A
Load Stud	Morrison	N/A	N/A	RT01-1080X	*	Replaced	N/A
Load Stud	PSA	Mt. Code N2618E	N/A	RT01-1080X	1988**	Replacement	N/A
Clamp Bolt	Morrison	N/A	N/A	RT01-1080X	*	Replaced	N/A
Clamp Bolt	Cardinal	Ht. Code J4	N/A	RT01-1080X	1991**	Replacement	N/A
Hex Nut	Morrison	N/A	N/A	RT01-1080X	*	Replaced	N/A
Hex Nut	Cardinal	Ht. Code A7	N/A	RT01-1080X	1992**	Replacement	N/A

EVAL NO# L-91-06 -036-  
PAGE 9  
MPS OR VALVES\* 15

Pg. \_\_\_\_\_ of \_\_\_\_\_

- [illegible]

(12/85)

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

40-50-16

## FORM NPV-1 (back)

EVAL NO# L-91-05 -0664  
PAGE 10 OF 158. Remarks Material: Gasket Retainer - SA515-70

L92-00699

9. Design conditions 2271 575 \*F or valve pressure class 900 (1)10. Cold working pressure 2790 psi at 100°F11. Hydrostatic test 4200 psi. Disk differential test pressure 2790 psi

## CERTIFICATION OF DESIGN

Design Specification certified by Gerald I. Zwarich P.E. State IL Reg. no. 62-41234  
Design Report certified by Drew W. Wright P.E. State PA Reg. no. PE-038728-E

## CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N1712Expiry 4/15/92Date 12/23/91 Name Anchor/Darling Valve Company Signed [Signature]  
(Certificate Holder) (Authorized Representative)

## CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State Pennsylvania and employed by Commercial Union Ins. Co. of Boston, Mass. have inspected the pump, or valve, described in this Data Report on 12-23-91 and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 12-23-91 Signed [Signature] Commission Pennsylvania 2392  
(Authorized Inspector) (N.B. Bd. End. endorsement) state or prov. and no.)

(1) For manually operated valves only.

L91-02606

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

1. Owner Commonwealth Edison Company Date 12/10/92  
(Name)  
One First National Plaza, Chicago, Il., 60690  
(Address) Sheet 1 of 2
2. Plant LaSalle County Nuclear Station Unit 1 L-10934  
(Name)  
2601 N. 21st. Rd. Marseilles, Il. 61341  
(Address) Repair Organization, P.O. No., Job No., etc.
3. Work Performed by UE&C Catalytic Type Code Symbol Stamp N/A  
(Name)  
P.O. Box 59 Marseilles Il. Authorization No. N/A  
(Address) Expiration Date N/A
4. Identification of System (RT) Reactor Water Cleanup
5. (a) Applicable Construction Code \*\* 19 \*\* Edition \*\* Addenda, Code Cases \*\*  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRM No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Flexible-Wedge Otbrd. Isol. Vlv.	Anchor Darling	*	N/A	N/A	1G33-FD04	*	Replaced	N/A
Double-Disc Gate Otbrd. Isol. Vlv.	Anchor Darling	EB985-3-2	N/A	N/A	1G33-FD04	1992**	Replacement	N/A
Piping Sub-Assy.	Morrison	*	N/A	N/A	1RTD1B-6"	*	Replaced	N/A
6" 90 Deg. Elbow	B.K.L.	Ht. # 5433	N/A	N/A	1RTD1B-6"	1988**	Replacement	N/A
6" Sch. 120 Pipe	Nippon	Ht. # 33366	N/A	N/A	1RTD1B-6"	1987**	Replacement	N/A

7. Description Class 1 Replacement, Replaced components with new, and valve with a different style of valve.
8. Tests Conducted: ☒ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ Other Visual  
Pressure 1150/1300psi Test Temp. Amb. Deg. F
9. Remarks \* = Per N-5 Code Data Report on file at LaSalle County Station. Component Supports per (Applicable Manufacturer's Data Report to be Attached)  
original fabrication and installation specifications J-2918 and J-2530 respectively. \*\* = Applicable Code of Construction of valve is Section III, Class 1, 1971 Ed., W72 Ad., Code Cases 1516-1, 1519, & 1567. Pipe and fittings are Section III, Class 1, 1974 Ed., No Ad., with Code Case N-275 invoked on installation welds. Component supports are AWSI B31.7, 1969 Ed., No Addendum. See Form NIS-2 Supplemental Sheet for additional items.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] FM STABER 1-4, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 3-1, 1993 (Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/1/93 John R. Tetreault Commissions IL 1416 W.I  
(Inspector) (State or Province, National Board)

FORM NIS-2 SUPPLEMENTAL SHEET

1. Owner: Commonwealth Edison Company Sheet 2 of 2  
 One First National Plaza Date 12/10/92  
 Chicago, Illinois 60690 Unit 1
2. Plant: LaSalle County Station  
 2601 N. 21st. Rd.  
 Marseilles, Illinois 61341 L-10934  
 P. O. No., WR No., etc.
3. Work Performed by: UE&C Catalytic Type Code Symbol Stamp N/A  
 Name Authorization No. N/A  
P.O. Box 59 Marseilles Il. 61341 Expiration Date N/A  
 Address
4. Identification of System (RT) Reactor Water Cleanup
- 5a. Applicable Construction Code \*\* See Sht. 1 19 \*\* Edition \*\* See Sht. 1 Addenda
- 5b. Applicable Edition of Section XI utilized 1980 Edition Winter 1980 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components.

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
6" X 4" B.W. Red.	Custom Alloy	Ht. # 8334A	N/A	1RT01B-6"	1991**	Replacement	N/A
1.5" Half Coupling	WFI Nuclear	Ht. # 840TNR	N/A	1RT01B-6"	1991**	Replacement	N/A
Load Stud	Morrison	N/A	N/A	RT01-1061X	*	Replaced	N/A
Load Stud	Lisega	N/A	N/A	RT01-1061X	1992**	Replacement	N/A
Hex Nuts	Morrison	N/A	N/A	RT01-1061X	*	Replaced	N/A
Hex Nuts	Lisega	N/A	N/A	RT01-1061X	1992**	Replacement	N/A
Load Stud	Morrison	N/A	N/A	RT01-1062X	*	Replaced	N/A
Load Stud	Lisega	N/A	N/A	RT01-1062X	1992**	Replacement	N/A
Hex Nuts	Morrison	N/A	N/A	RT01-1062X	*	Replaced	N/A
Hex Nuts	Lisega	N/A	N/A	RT01-1062X	1992**	Replacement	N/A

As Required by the Provisions of the ASME Code, Section III, Division 1

1. Manufactured and certified by Anchor/Darling Valve Co., 701 First Street, Williamsport, PA 17701  
(name and address of N. Certificate Holder)

2. Manufactured for Commonwealth Edison Company, P.O. Box 767, Chicago, IL 60690  
(Name and address of Purchaser or Owner)

3. Location of installation Lasalle Station, 2601 N. 21st Road, Marseilles, IL 61341  
(name and address)

4. Model No., Series No., or Type DD Gate Drawing W9123547 Rev. B CAN N/A

5. ASME Code, Section III, Division 1: 1971 Winter 1972 1 1516-1, 1567, 1519  
(edition) (addenda date) (class) (Code Case no.)

6. Pump or valve Valve Nominal inlet size 6" Outlet size 6"  
(in.) (in.)

7. Material: Body SA216-WCB Bonnet SA105 Disk SA515-70 Bolting N/A

Supplemental information in form of lists, sketches, or drawings may be used provided: (1) size is 8 1/2" x 11", (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

This form (E00037) may be obtained from the Order Dept., ASME, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

## FORM NPV-1 (back)

8. Remarks Material: Gasket Retainer - SA515-70

9. Design conditions 2271 psi 575 °F or valve pressure class 900 (11)  
(pressure) (temperature)

10. Cold working pressure 2790 psi at 100°F

11. Hydrostatic test 4200 psi. Disk differential test pressure 2790 psi

## CERTIFICATION OF DESIGN

Design Specification certified by Gerald I. Zwarich P.E. State IL Reg. no. 62-41234  
 Design Report certified by Drew W. Wright P.E. State PA Reg. no. PE-038728-E

## CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N1712 Expires 4/15/92

Date 2/10/92 Name Anchor/Darling Valve Company, Signed [Signature]  
(IN Certificate Holder) (authorized representative)

## CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State ~~MASSACHUSETTS~~ of Pennsylvania and employed by Commercial Union Ins. Co. of Boston, Mass. have inspected the pump, or valve, described in this Data Report on 9-24-91 thru 2-13-92, 19 92, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

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

Date 2-13-92 Signed [Signature] Commissions Pennsylvania 2392  
(Authorized Inspector) (Natl. Bd. (incl. endorsements) state or prov. and no.)

(1) For manually operated valves only.

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

1. Owner Commonwealth Edison Company Date 1/7/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1 L-07174  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st. Rd. Marseilles, IL, 61341  
(Address)
3. Work Performed by UE&C Catalytic Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
P.O. Box 59, Marseilles IL, Expiration Date N/A  
(Address)
4. Identification of System (RCIC) Reactor Core Isolation Cooling
5. (a) Applicable Construction Code Sect. III 1974 Edition No Addenda, Code Cases None  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WB0 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
6" Sch. 120 C.S. Pipe	Morrison	*	N/A	N/A	1R124B-6"	*	Replaced	N/A
(2) 6" Sch. 120 W.W., C.S. Flanges	Coffer Corp	Ht.# 209W521	N/A	N/A	Ht. Code # BEWA	1992	Replacement	N/A
(12) Stud Bolts	Cardinal	Ht.# 8097296	N/A	N/A	Ht. Code # F4	**	Replacement	N/A
(24) Hex Nuts	Cardinal	Ht.# C27729	N/A	N/A	Ht. Code # E2	**	Replacement	N/A

7. Description Class 1 Replacement \* = Per W-5 Code Data Report on file at LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ Other  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks \*\* = Studs and Nuts are ASME Section III, Class 1, 1989 Edition, no Addendum which have been Reconciled to the ASME Section III, Class 1, 1974 Edition, no Addendum original Code of Construction per the Commonwealth Edison Nuclear Fastener Standards which are on file at LaSalle County Station.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] for SA 166. 2-4, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 3-1, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/1/93 John R. Tetreault Commissions IL 1416 N.J.  
(Inspector) (State or Province, National Board)

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

1. Owner Commonwealth Edison Company Date 12/9/92  
(Name)  
One First National Plaza, Chicago, Ill., 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1 L-15115  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 N. 21st. Rd. Marseilles, Ill., 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (SC) Standby Liquid Control
5. (a) Applicable Construction Code Sect. III 19 71 Edition W72 Addenda, Code Cases None  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Inlet Fitting	Conax	*	N/A	N/A	1C41-F004A	*	Replaced	N/A
Inlet Fitting	Conax	SN-3934	N/A	N/A	1C41-F004A	1992**	Replacement	N/A
Trigger Body	Conax	*	N/A	N/A	1C41-F004A	*	Replaced	N/A
Trigger Body	Conax	SN-3940	N/A	N/A	1C41-F004A	1992**	Replacement	N/A

7. Description Class 1 Replacement, replaced existing components with new after explosive firing. \* = Per W-5
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other Visual  
Pressure 1044 psi Test Temp. Amb. Deg. F
9. Remarks Code Data Report on file at LaSalle County Station. \*\* = Replacement components constructed to ASME  
(Applicable Manufacturer's Data Report to be Attached)  
Section III, Class 1, 1977 Edition, with S77 Addendum. Reconciled per PTE 88-161 on file at LaSalle County  
Station.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] [Signature] 3-15, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of  
Hartford, CT. have inspected the Replacement described in this Report on 3-22, 1993  
(Rep. or Repl.)  
and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3-22-93 [Signature] John R. Tetreault Commissions IL 1416 N.I.  
(Inspector) (State or Province, National Board)

## NUCLEAR PARTS AND APPURTENANCES\*

As Required by the Provisions of the ASME Code, Section III, Division 1

Not To Exceed One Day's Production

Pg 1 of 1

1. Manufactured and certified by Conax Buffalo Corporation, 2300 Walden Ave., Buffalo, NY 14225  
(name and address of certificate holder)
2. Manufactured for Commonwealth Edison Co., P.O. Box 767, Chicago, IL 60690  
(name and address of purchaser)
3. Location of installation Lasalle Station #1, Marseilles, IL 61341  
(name and address)
4. Type N38017, Rev. E SA479 304SST 75 KSI N/A 1992  
(drawing no.) (mat. spec. no.) (tensile strength) (CRN) (year built)
5. ASME Code, Section III 77 S77 1 N/A  
(edition) (addenda) (class) (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision \_\_\_\_\_ Date \_\_\_\_\_  
(Part)
7. Remarks: Inlet fitting for explosive actuated valve replacement kit for standby  
liquid control system.  
\* Pressure tested at 2800 psig for 10 minutes.
8. Nom. thickness (in.) .040 Min. design thickness (in.) .031 Dia. ID (ft. & in.) N/A Length overall (ft. & in.) N/A
9. When applicable, Certificate Holders' data reports are attached for each item of this report.

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board Number in Numerical Order
(1) 3931	3931	(26)	
(2) 3932	3932	(27)	
(3) 3933	3933	(28)	
(4) 3934	3934	(29)	
(5) 3935	3935	(30)	
(6) 3936	3936	(31)	
(7)		(32)	
(8)		(33)	
(9)		(34)	
(10)		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	

10. Design pressure 1400 psi Temp 150 °F. Hydro. test pressure \*See Remarks at temp °F  
(when applicable)

\*Supplemental information in form of text, sketches or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in Items 2 and 3 on this data report is included on each sheet, (3) each sheet is numbered and number of sheets is recorded at top of this form, and (4) each additional sheet shall be signed by the Certificate Holder and the ANI.

(6/83)

This form (E00060) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM N-2 (back)

CERTIFICATE OF DESIGN

Design specifications certified by Clyde T. Nieh P E state CA Reg no 15587  
 Design report\* certified by Francis J. Domino P E state NY Reg no 36832  
(when applicable)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Inlet Fitting  
 conform to the rules of construction of the ASME Code Section III

ASME Certificate of Authorization no N-1850 Expires September 2, 1992  
 Date 3-30-92 Name Conax Buffalo Corporation Signed James G. Schraven  
(NPT Certificate Holder) (authorized representative)  
 James G. Schraven, Q.A. Manager

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or province of New York and employed by HSBI & I Co.  
 of Hartford, CT have inspected these items described in this data report on 3-26-92 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping on the date shown above.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this data report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 3-30-92 Signed Robert J. [Signature] Commissions NB7784  
(Authorized Inspector) (Nat'l Bd. (incl. endorsements) state or prov. and no.)

## NUCLEAR PARTS AND APPURTENANCES\*

As Required by the Provisions of the ASME Code, Section III, Division 1  
Not To Exceed One Day's Production

Pg. 1 of 1

1. Manufactured and certified by Conax Buffalo Corporation, 2300 Walden Ave., Buffalo, NY 14225  
(name and address of certificate holder)
2. Manufactured for Commonwealth Edison Co., P.O. Box 767, Chicago, IL 60690  
(name and address of purchaser)
3. Location of installation Lasalle Station #1, Marseilles, IL 61341  
(name and address)
4. Type N20000, Rev. F SA479 304SST 75 KSI N/A 1992  
(drawing no.) (mat'l spec no.) (tensile strength) (CRN) (year built)
5. ASME Code, Section III 77 S77 1 N/A  
(edition) (addenda) (class) (Code Case no.)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) N/A Revision \_\_\_\_\_ Date \_\_\_\_\_  
(No.)
7. Remarks: Trigger body subassembly for explosive actuated valve replacement kit for  
standby liquid control system. Para. NB2121 (b) is applicable to ram.  
\* Pressure tested at 2800 psig for 10 minutes.
8. Nom. thickness (in.) \*See Remarks Min. design thickness (in.) \_\_\_\_\_ Dia. ID (ft. & in.) \_\_\_\_\_ Length overall (ft. & in.) \_\_\_\_\_
9. When applicable, Certificate Holders' data reports are attached for each item of this report:

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board Number in Numerical Order
(1) 3937	3937	(26)	
(2) 3938	3938	(27)	
(3) 3939	3939	(28)	
(4) 3940	3940	(29)	
(5) 3941	3941	(30)	
(6) 3942	3942	(31)	
(7)		(32)	
(8)		(33)	
(9)		(34)	
(10)		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	

10. Design pressure 1400 psi Temp. 150 °F. Hydro. test pressure \*See Remarks at temp. °F  
(minimum applicable)

\*Supplemental information in form of lists, sketches or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 2 and 3 on this or 11 additional sheets on each sheet, (3) each sheet is numbered and number of sheets is recorded at top of this form, and (4) each additional sheet shall be signed by the Certificate Holder. (See Item 3.2)

FORM N-2 (back)

CERTIFICATE OF DESIGN

Design specifications certified by Clvde T. Nieh P E state CA Reg no 15587  
 Design report\* certified by Francis J. Domino P E state NY Reg no 36832  
(when applicable)

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this (these) Trigger Body Subassembly conform to the rules of construction of the ASME Code, Section III

ASME Certificate of Authorization no N-1850 Expires September 2, 1992  
 Date 3-30-92 Name Conax Buffalo Corporation Signed James G. Schraven  
(NPT Certificate holder) Authorized representative  
 James G. Schraven, Q.A. Manager

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or province of New York and employed by HSBI & I Co. of Hartford, CT have inspected these items described in this data report on 3-26-92 and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appurtenances in accordance with the ASME Code, Section III. Each part listed has been authorized for stamping on the date shown above.  
 By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this data report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date 3-30-92 Signed [Signature] Commissions NB7784  
Authorized Inspector (Nat'l Bd incl. endorsements) state or prov. and no.

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

1. Owner Commonwealth Edison Company Date 1/21/93  
(Name)  
One First National Plaza, Chicago, Ill., 60690  
(Address) Sheet 1 of 2
2. Plant LaSalle County Nuclear Station Unit 1 L-06670  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st. Rd, Marseilles, Ill. 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (FW) Feedwater
5. (a) Applicable Construction Code Sect. III 1974 Edition W74 Addenda, Code Cases 1516-1, 1567, 1682  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRW No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
(4) Stuffing Box	Anchor -							
Studs	Darling	*	N/A	N/A	1B21-F032A	*	Replaced	N/A
(2) Stuffing Box	A & G							
Studs	Engineering	Ht. Code LP2	N/A	N/A	1B21-F032A	**	Replacement	N/A

7. Description Class 1 Replacement, \* = Per N-5 Code Data Report on file at LaSalle County Station.
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ Other  
Pressure 1052 psi Test Temp. Amb. Deg. F
9. Remarks \*\* = Replacement Studs with Heat Codes of LP2 and F1, as well as Replacement Nuts of Heat Code E1 are (Applicable Manufacturer's Data Report to be Attached)  
ASME Section III, Class 1, 1989 Ed., No Ad, which have been reconciled to the ASME Section III, Class 1, 1974 Edition, W74 Ad., Original Construction Code per the Commonwealth Edison Nuclear Fastener Standards. The Replacement Stud of Heat Code D09, is ASME Section III, Class 1, 1986 Ed., No Ad., which has been reconciled to the 1974 Ed., W74 Ad. per Part Technical Evaluation L93-003-001. Both the PTE and the Fastener Standards are on file at LaSalle County Station.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] (Owner or Owner's Designee) [Signature] (Title) 3-15, 1993 (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 3-22, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3-22-93 [Signature] John R. Tetreault Commissions IL 1416 N.I  
(Inspector) (State or Province, National Board)

## FORM NIS-2 SUPPLEMENTAL SHEET

1. Owner: Commonwealth Edison Company  
One First National Plaza  
Chicago, Illinois 60690

2. Plant: LaSalle County Station  
2601 N. 21st. Rd.  
Marseilles, Illinois 61341

3. Work Performed by: Mechanical Maint.  
Name  
Mechanical Maintenance  
Address

4. Identification of System (FW) Feedwater

5a. Applicable Construction Code Sect. III1974 Edition W74 Addenda Code Cases 1516-1,  
1567, 1682

5b. Applicable Edition of Section XI utilized 1980 Edition Winter 1980 Addenda

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced or Replacement	ASME Code Stamped (Yes or No)
(1) Stuffing							
Box Stud	Cardinal	Ht. Code F1	N/A	1B21-F032A	**	Replacement	N/A
(1) Stuffing							
Box Stud	A&G Engr.	Ht. Code DOQ	N/A	1B21-F032A	**	Replacement	N/A
(4) Hex Nuts	Anchor Darling	*	N/A	1B21-F032A	*	Replaced	N/A
(4) Hex Nuts	Cardinal	Ht. Code E1	N/A	1B21-F032A	**	Replacement	N/A

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

1. Owner Commonwealth Edison Company Date 1/7/93  
(Name)  
One First National Plaza, Chicago, IL., 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1 L-01692  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 N. 21st. Rd. Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (FW) Feedwater
5. (a) Applicable Construction Code Sect. III 1974 Edition W74 Addenda, Code Cases 1516-1, 1567, 1682  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRW No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
(2) Stuffing Box	Anchor -							
Studs	Darling	*	N/A	N/A	1E51-F066	*	Replaced	N/A
(2) Stuffing Box								
Studs	Ronson	Ht. Code C89	N/A	N/A	1E51-F066	**	Replacement	N/A

7. Description Class 1 Replacement, \* = Per N-5 Code Data Report on file at LaSalle County Station.
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ Other  
Pressure 1052 psi Test Temp. Amb.      Deg. F
9. Remarks \*\* = Replacement Studs have been reconciled to the Original Code of Construction per the Commonwealth (Applicable Manufacturer's Data Report to be Attached)  
Edison Nuclear Fastener Standards which are on file at LaSalle County Station.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] [Signature] 3-24, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of

Hartford, CT. have inspected the Replacement described in this Report on 3-25, 1993  
(Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/25/93 [Signature] IL 1416 N.1  
(Inspector) (State or Province, National Board)

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

1. Owner Commonwealth Edison Company Date 12/2/92  
(Name)  
One First National Plaza, Chicago, IL, 60690 Sheet 1 of 1  
(Address)
2. Plant LeSalle County Nuclear Station Unit 1 L-90027  
(Name) Repair Organization, P.O. No., Job No., etc.  
R.R. #1, Box 220 Marseilles, IL, 61341  
(Address)
3. Work Performed by UE&C Catalytic Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Box 59 Marseilles IL, 61341 Expiration Date N/A  
(Address)
4. Identification of System (RT) Reactor Water Clean-Up
5. (a) Applicable Construction Code ANSI B31.7 1969 Edition No Addenda, Code Cases None  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WB0 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRM No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Load Stud	Morrison Const.	N/A	N/A	N/A	RTD1-10B7S	*	Replaced	N/A
Load Stud	PSA	N/A	N/A	N/A	RTD1-10B7S	1988	Replacement	N/A
Pivot Pin	Morrison Const.	N/A	N/A	N/A	RTD1-1100S	*	Replaced	N/A
Pivot Pin	PSA	N/A	N/A	N/A	RTD1-1100S	1986	Replacement	N/A

7. Description Class 1 Replacement, Replaced Load Stud for support RTD1-10B7S and Pivot Pin for RTD1-1100S.
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ Other Visual Exam.  
Pressure psi Test Temp. deg. F
9. Remarks \* = Per Original Construction Installation Specification J-2530.  
(Applicable Manufacturer's Data Report to be Attached)

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] for SMR 2-4, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 3-1, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/1/93 John R. Tetreault Commissions IL 1416 N.I  
(Inspector) (State or Province, National Board)

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

1. Owner Commonwealth Edison Company Date 1/9/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 2
2. Plant LaSalle County Nuclear Station Unit 1 L-09922  
(Name) Repair Organization, P.O. No., Job No., etc.  
R.R. #1, Box 220 Marseilles, IL, 61341  
(Address)
3. Work Performed by UE&C Catalytic Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Box 59 Marseilles IL, 61341 Expiration Date N/A  
(Address)
4. Identification of System (NB) Nuclear Boiler
5. (a) Applicable Construction Code ANSI B31.7 1969 Edition No. Addenda, Code Cases None
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WBO Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Mech. Snubber	PSA	4084	N/A	N/A	NB13-1003S	*	Replaced	N/A
Hydraulic Snubber	Lisega	61218/138	N/A	N/A	NB13-1003S	1992	Replacement	N/A
Clamp Load Stud	PSA	N/A	N/A	N/A	NB13-1003S	*	Replaced	N/A
Clamp Load Pin	Nova	Ht. # 861499	N/A	N/A	Ht. Code F7L	1992	Replacement	N/A
Brkt. Load Pin	PSA	N/A	N/A	N/A	NB13-1003S	*	Replaced	N/A
Brkt. Load Pin	Nova	Ht. # 861499	N/A	N/A	Ht. Code F5L	1992	Replacement	N/A

7. Description Class 1 Replacement, Replaced Mechanical Snubber with Hydraulic Snubber, and replaced hardware.
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ Other Visual Exam.  
Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ Deg. F
9. Remarks \* = Per Original Construction Installation Specification J-2530, and fabrication spec. J-2918. See (Applicable Manufacturer's Data Report to be Attached) form NIS-2 Supplemental Sheet for additional replacement items.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] for STAMPED 2-4, 1993  
(Owner or Owner's Designer) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 3-1, 1993 (Rep. or Repl.) and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/1/93 John R. Tetreault Commissions IL 1416 N, I  
(Inspector) (State or Province, National Board)

## FORM NIS-2 SUPPLEMENTAL SHEET

1. Owner: Commonwealth Edison Company  
One First National Plaza  
Chicago, Illinois 60690
2. Plant: LaSalle County Station  
2601 N. 21st. Rd.  
Marseilles, Illinois 61341
3. Work Performed by: UE&C Catalytic  
Name  
P.O. Box 59 Marseilles Il. 61341  
Address
4. Identification of System (NB) Nuclear Boiler
- 5a. Applicable Construction Code ANSI B31.7 1969 Edition No Addenda
- 5b. Applicable Edition of Section XI utilized 1980 Edition Winter 1980 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components.
- Sheet 2 of 2  
Date 1/9/93  
Unit 1
- L-09922  
P. O. No., WR No., etc.
- Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

[illegible]

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

1. Owner Commonwealth Edison Company Date 1/9/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1 L-09912  
(Name) Repair Organization, P.O. No., Job No., etc.  
R.R. #1, Box 220 Marseilles, IL, 61341  
(Address)
3. Work Performed by UE&C Catalytic Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Box 59 Marseilles IL, 61341 Expiration Date N/A  
(Address)
4. Identification of System (R1) Reactor Core Isolation Cooling
5. (a) Applicable Construction Code ANSI B31.7 1969 Edition No. Addenda, Code Cases None
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WBO Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Mat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired, Replaced, Replacement	ASME Code Stamped (Yes or No)
Mech. Snubber	PSA	2139	N/A	N/A	R124-11225	*	Replaced	N/A
Hydraulic Snubber	Lisega	61252/61	N/A	N/A	R124-11225	1992	Replacement	N/A
Mech. Snubber	PSA	15006	N/A	N/A	R124-11225	*	Replaced	N/A
Hydraulic Snubber	Lisega	61252/62	N/A	N/A	R124-11225	1992	Replacement	N/A
(4) Brkt. Load Pins	PSA	N/A	N/A	N/A	R124-11225	*	Replaced	N/A
(4) Brkt. Load Pins	Novab	Ht. Code F1W	N/A	N/A	R124-11225	1992	Replacement	N/A

7. Description Class 1 Replacement, Replaced Mechanical Snubbers (2) with Hydraulic Snubbers (2). Also Replaced
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☒ Other Visual Exam.  
Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ Deg. F
9. Remarks associated hardware. \* = Per original Construction Specification J-2530, and Fabrication Spec. J-2918.  
(Applicable Manufacturer's Data Report to be Attached)

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] (Owner or Owner's Designee) fa SAMUR (Title) 3-15, 1993 (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of

Hartford, CT. have inspected the Replacement described in this Report on 3-22, 1993 (Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/22/93 John R. Tetreault (Inspector) Commissions IL 1416 N.I (State or Province, National Board)

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

1. Owner Commonwealth Edison Company Date 1/14/93  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1 L-12613  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st. Rd. Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (RH) Residual Heat Removal
5. (a) Applicable Construction Code Sect. III 1974 Edition S75 Addenda, Code Cases None  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WBO Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRW No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
SRV Nozzle	Crosby	*	N/A	N/A	1E12-F018	*	Replaced	N/A
SRV Nozzle	Crosby	W90632-42-0016	N/A	N/A	1E12-F018	1989	Replacement	N/A
SRV Spindle Assy.	Crosby	*	N/A	N/A	1E12-F018	*	Replaced	N/A
SRV Spindle Assy.	Crosby	K57222-43-0019	N/A	N/A	1E12-F018	1989	Replacement	N/A
SRV Disc Insert	Crosby	*	N/A	N/A	1E12-F018	*	Replaced	N/A
SRV Disc Insert	Crosby	W91890-94-0013	N/A	N/A	1E12-F018	1989	Replacement	N/A

7. Description Class 2 Replacement, \* = Per N-5 Code Data Report on File At LaSalle County Station
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other System Functional  
Pressure 310 psi Test Temp. Amb. Deg. F
9. Remarks  
(Applicable Manufacturer's Data Report to be Attached)

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] [Signature] 3-30, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of

Hartford, CT. have inspected the Replacement described in this Report on 4-13, 1993  
(Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 4/13/93 [Signature] IL 1416 W.I  
(Inspector) (State or Province, National Board)

**CROSBY****CROSBY VALVE & GAGE COMPANY**  
L89-02372 WRENTHAM, MASSQC-392  
Form W-2**FORM N-3 FOR NPT CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL  
NUCLEAR PARTS AND APPURTENANCES\***As Required by the Provisions of the ASME Code, Section III, Division 1  
Not To Exceed One Day's Production

Pg. 1 of 1

1. Manufactured and certified by Crosby Valve & Gage Co., 43 Kendrick St., Wrentham, MA 020932. Manufactured for Commonwealth Edison Co., Marseilles IL3. Location of installation La Salle County Station IL4. Type DS-C-60742 ASME SA479 T304 90,800 19895. ASME Code, Section II: 1974 Summer 1975 26. Fabricated in accordance with Const. Spec. (Div. 2 only) Revolution Date

7. Remarks:

8. Nom. thickness (in.) 210 Min. design thickness (in.) 172 Dia. ID (in. & in.) --- Length overall (ft. & in.) ---  
9. When applicable, Certificate Holders' data reports are attached for each item of this report

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board Number in Numerical Order
(1) <u>W90632-42-0016</u>		(26)	
(2)		(27)	
(3)		(28)	
(4)		(29)	
(5)		(30)	
(6)		(31)	
(7)		(32)	
(8)		(33)	
(9)		(34)	
(10)		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	

10. Design pressure --- psi Temp. --- °F. Hydro. test pressure --- psi Temp. --- °F.

L89-02372

FORM N-1 (Revised)

Rev. 1-1-81, Y90632-42-0016

CERTIFICATE OF DESIGN			
Design specifications certified by <u>R.J. MOSES</u>	P. E. state <u>IL</u>	Reg. no. <u>62-71850</u>	
Design report certified by _____	P. E. state _____	Reg. no. _____	
CERTIFICATE OF SHOP COMPLIANCE			
We certify that the statements made in this report are correct and that this shop <u>MOSES</u> conforms to the rules of construction of the ASME Code, Section II.			
NPT Certificate of Authorization no. <u>N-1877</u>		Expires <u>9/30/89</u>	
Date <u>9/1/89</u>	Name <u>Crosby Valve &amp; Gate Co.</u>	Signed <u>[Signature]</u>	
CERTIFICATE OF SHOP INSPECTION			
I, the undersigned, holding a valid authorization issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or province of <u>Massachusetts</u> and employed by <u>ARWRIGHT MUTUAL INSURANCE COMPANY</u> of <u>Norwood, MA</u> have inspected those items described in this date report on <u>9-1-89</u> and state that to the best of my knowledge and belief, the Certificate Holder has fabricated those parts or components in accordance with the ASME Code, Section II. Each part listed has been authorized for stamping on the date shown above.			
By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this date report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.			
Date <u>9-1-89</u>	Signed <u>[Signature]</u>		Comments <u>MA-1201</u>

**CROSBY****CROSBY VALVE & GAGE COMPANY**

LIB9-02362 WRENTHAM, MASS

QC-392

PO 326587

Form N-2

**FORM N-2 N OR NPT CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL  
NUCLEAR PARTS AND APPURTENANCES\***As Required by the Provisions of the ASME Code, Section III, Division 1  
Not To Exceed One Day's Production

Pg. 1 of 1

1. Manufactured and certified by Crosby Valve & Gage Company 43 Kendrick St. Wrentham MA 02093  
name and address of manufacturer2. Manufactured for Commonwealth Edison Co. Marseilles IL  
name and address of purchaser3. Location of installation La Salle County Station IL  
name and address4. Type DS-C-60742 ASME SA193 Gr. B4 120,100 1989  
drawing no. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 1005. ASME Code, Section III, 1974 SUMMER 1975 2  
edition 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 1006. Fabricated in accordance with Const. Spec. (Div. 1 only) ASME Revision Date  
Div. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

7. Remarks: \_\_\_\_\_

8. Item thickness (in.) \_\_\_\_\_ Min. design thickness (in.) \_\_\_\_\_ Dia. ID (in. &amp; in.) \_\_\_\_\_ Length overall (in. &amp; in.) \_\_\_\_\_

9. When applicable, Certificate Holders' data reports are attached for each item of this report.

Part or Appurtenances Serial Number	National Board No. in Numerical Order	Part or Appurtenances Serial Number	National Board Number in Numerical Order
(1) K57222-43-0019		(26)	
(2)		(27)	
(3)		(28)	
(4)		(29)	
(5)		(30)	
(6)		(31)	
(7)		(32)	
(8)		(33)	
(9)		(34)	
(10)		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	

10. Design pressure \_\_\_\_\_ psi Temp \_\_\_\_\_ °F Hydro test pressure \_\_\_\_\_ psi at temp \_\_\_\_\_ °F  
also include

L89-02362  
 PO-886577  
 FORM N-2 (Rev. 10-6-64)

Rev. Serial No. E37222-43-0019

CERTIFICATE OF DESIGN			
Design specifications certified by	<u>E.J. Masses</u>	P. E. stamp	<u>TL</u>
	<small>DESIGNER'S SIGNATURE</small>		Reg. no. <u>62-71250</u>
Design report certified by		P. E. stamp	Reg. no.
	<small>DESIGNER'S SIGNATURE</small>		
CERTIFICATE OF SHOP COMPLIANCE			
We certify that the dimensions made in this report are correct and that this process <u>Bridge Assy</u>			
conforms to the rules of construction of the ASME Code, Section II.			
NPT Certificate of Authorization no.	<u>E-1877</u>	Expires	<u>9/30/89</u>
Date	<u>9/13/85</u>	To the	<u>Crosby Valve &amp; Gate Co.</u>
	<small>(NPT Certificate Holder)</small>	Signed	<u>[Signature]</u>
			<small>(Inspector's Signature)</small>
CERTIFICATE OF SHOP INSPECTION			
<p>I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state or province of <u>Massachusetts</u> and employed by <u>Arkwright Mutual Insurance Company</u> of <u>Barnstable, MA</u> have inspected these items described in this data report on <u>SEPT 13, 1985</u> and state that to the best of my knowledge and belief, the Certificate Holder has fabricated these parts or appendages in accordance with the ASME Code, Section II. Each part listed has been authorized for stamping on the date shown above.</p> <p>By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the application described in this data report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection. <u>Factory Mutual System</u></p>			
Date	<u>9-13-85</u>	Signed	<u>[Signature]</u>
		Commission	<u>MA 901</u>
			<small>(Ins't. No. and Commission No. or State and Reg.)</small>

**CROSBY****CROSBY VALVE & GAGE COMPANY**

WRENTHAM, MASS.

QC-392

Form W-2

189-02237

**FORM N-2 N OR NPT CERTIFICATE HOLDERS' DATA REPORT FOR IDENTICAL  
NUCLEAR PARTS AND APPURTENANCES\***As Required by the Provisions of the ASME Code, Section III, Division 1  
Not To Exceed One Day's Production

Pg. 1 of 1

1. Manufactured and certified by Crosby Valve & Gage Co., 43 Kendrick St., Wrentham, MA 02093  
(Name and address of manufacturing facility)
2. Manufactured for Commonwealth Edison Co., Marseilles IL  
(Name and address of purchaser)
3. Location of installation La Salle County Station IL  
(Name and address)
4. Type DS-C-60742 Rev. A ASME SA479 T304 85,000 1989  
(Drawing No.) (Mat'l. Spec. No.) (Service description) (Date)
5. ASME Code, Section III: 1974 Summer 1975 2  
(Edition) (Addendum) (Class four only)
6. Fabricated in accordance with Const. Spec. (Div. 2 only) Revision Date  
(Div.)
7. Remarks: \_\_\_\_\_

8. Nom. thickness (in.) .408 Min. design thickness (in.) .359 Dia. ID (in. & in.) \_\_\_\_\_ Length overall (ft. & in.) \_\_\_\_\_
9. When applicable, Certificate Holders' data reports are attached for each item of this report

Part or Appurtenance Serial Number	National Board No. in Numerical Order	Part or Appurtenance Serial Number	National Board Number in Numerical Order
(1) W91890-94-0013		(26)	
(2)		(27)	
(3)		(28)	
(4)		(29)	
(5)		(30)	
(6)		(31)	
(7)		(32)	
(8)		(33)	
(9)		(34)	
(10)		(35)	
(11)		(36)	
(12)		(37)	
(13)		(38)	
(14)		(39)	
(15)		(40)	
(16)		(41)	
(17)		(42)	
(18)		(43)	
(19)		(44)	
(20)		(45)	
(21)		(46)	
(22)		(47)	
(23)		(48)	
(24)		(49)	
(25)		(50)	

10. Design pressure \_\_\_\_\_ psi Temp. \_\_\_\_\_ °F. Hydro. test pressure \_\_\_\_\_ at temp. \_\_\_\_\_ °F.  
(When applicable)

189-02237

FORM N-4 (Rev. 6-6)

M. Bond No. 891890-94-0013

CERTIFICATE OF DESIGN			
Design specifications certified by: <u>R.J. MARRA</u>	P. E. SIGN	TL	Reg. no. <u>62-71850</u>
DESIGN APPROVAL			
Design report certified by: _____	P. E. SIGN	_____	Reg. no. _____
DESIGN APPROVAL			
CERTIFICATE OF SHOP COMPLIANCE			
We certify that the statements made in this report are correct and that this Shop <u>DIAC IMPORT</u> conforms to the rules of construction of the ASME Code, Section II.			
NPT Certificate of Authorization no. <u>N-1877</u>		Expires <u>9/30/89</u>	
Date <u>8-24-89</u>	Name <u>Crosby Valve &amp; Gate Co.</u>	Signed <u>[Signature]</u>	
NPT Certificate Holder		Authorized Representative	
CERTIFICATE OF SHOP INSPECTION			
<p>I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the state of province of <u>Massachusetts</u> and employed by <u>Aikwright Mutual Insurance Company</u> of <u>Norwood, MA</u> have inspected those items described in this data report on <u>ASME II, DIV. 1, PART 1</u> and state that to the best of my knowledge and belief, the Certificate Holder has fabricated those parts or components in accordance with the ASME Code, Section II. Each part listed has been authorized for stamping on the data shown above.</p> <p>By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this data report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.</p>			
Date <u>8-24-89</u> Signed <u>[Signature]</u>		CounterSignature <u>Part 1376</u>	
Professional Inspector		Part 13, Sec. 200, Enforcement, rules or regs. and sig.	

## ATTACHMENT B

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

1. Owner Commonwealth Edison Company Date 4/3/91  
 (Name)  
One First National Plaza, Chicago IL, 60690 Sheet 1 of 1  
 (Address) L-79939
2. Plant LaSalle County Nuclear Station Unit 1 Repair Org., P.O. No., Job No., etc.  
 (Name)  
R.R. #1, Box 220 Marseilles, IL 61341 Type Code Symbol Stamp N/A  
 (Address)
3. Work Performed by UE & C Catalytic Authorization No. N/A  
 (Name)  
P.O. 59, Marseilles, IL 61341 Expiration Date N/A  
 (Address)
4. Identification of System Residual Heat Removal (RH)
5. (a) Applicable Construction Code Sect. III 19 \* Edition \* Addenda, Code Cases: \*  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements- 1980, W80 Addenda
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l. Bd. No.	CRN No.	Other Identification	Year Built	Repaired, Replaced, Replacement	ASME Code Stamped (Yes or NO)
Double-Block Vent Valve	Anderson Greenwood	**	N/A	N/A	1E12-F369A & 1E12-F370A	**	Replaced	Yes
Double-Block Vent Valve	Anderson Greenwood	N25916	N/A	N/A	1E12-F369A & 1E12-F370A	1990	Replacement	Yes

7. Description Class 2 Replacement, \*\* = Per W-5 Code Data Report on File At LaSalle County Station
8. Tests Conducted: ☒ Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Other  
 Pressure 275 psi Test Temp. Amb. deg. F
9. Remarks \* = ASME Section III 1974 Ed. W75 Ad., Vlv. Disc Matl., 1974 Ed. S76 Ad. Reconciled Per PTE-90-06-0617  
 (Applicable Manufacturer's Data Reports to be Attached)  
Part Technical Evaluation (PTE) 90-06-0617 is also on File At LaSalle County Station

## CERTIFICATION OF COMPLIANCE

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

Signed [Signature] Master Mechanic 1-6, 1992  
 (Owner or Owner's Designee) (Title) (Date)

## CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. of Hartford, CT

have inspected the Replacement described in this Report on 7 JAN., 1992  
 (Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 01/07/92 [Signature] John R. Tetreault Commissions IL 1416 N.I  
 (Inspector) (State or Province, National Board)

FORM NPV-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\*  
(As Required by the Provisions of the ASME Code, Section III, Div. 1)

S/O 7.8124.01  
P.O. 4329686

1. Manufactured by Anderson, Greenwood & Co., 5425 S. Rice Ave., Houston, TX 77081  
(Name and Address of Manufacturer)  
2. Manufactured for Commonwealth Edison Co., P.O. Box 767, Chicago, IL 60690  
(Name and Address of Purchaser or Owner)  
3. Location of Installation La Salle Nuclear Station 2601 W. 21st. Rd. Marseilles, IL 61341  
(Name and Address)  
4. Pump or Valve Valve Nominal Inlet Size 1-1/2 (inch) Outlet Size 3/4 (inch)

	(a) Model No., Series No. or Type	(b) Manufacturer's Serial No.	(c) Canadian Registration No.	(d) Drawing No.	(e) Class	(f) Nat'l Std. No.	(g) Year Built
(1)	M12A09C-	N25916	N/A	N03-6480-580	2	N/A	1990
(2)	6M35-21						
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

EVAL NO# L-90-06-0617  
PAGE 48 OF 80

5. \_\_\_\_\_  
(Brief description of service for which equipment was designed)

6. Design Conditions 1250 psi 575 °F or Valve Pressure Class 900# (1)  
(Pressure) (Temperature)

7. Cold Working Pressure 2160 psi at 100°F.  
8. Pressure Retaining Pieces

Mark No.	Material Spec. No.	Manufacturer	Remarks
(a) Castings			
N04-4263-001	SA217-CA15/HF	AGCO	Disc
(b) Forgings			
N03-6334-002	SA105	AGCO	Body
N04-3906-002	SA105	AGCO	Bonnet Assy

(1) For manually operated valves only.

\* Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8-1/2" x 11", (2) information in items 1, 2 and 5 on this data report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

(3/77)

This form (E00037) may be obtained from the Order Dept., ASME, 345 E. 47 St., New York, N.Y. 10017

98010-067

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting			
N/A			
(d) Other Parts			
N04-3925-002	SA105	AGCO	Extension

EVAL NO# L-90-06 0617  
PAGE 49 OF 80

9. Hydrostatic test ATP 3350 psi.

### CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Div. L, Edition 1974.  
Addenda NONE (Date) Code Case No. N-345 Date 5/10/90  
Signed Anderson, Greenwood & Co. by Joseph A. Parker  
(Manufacturer)  
Our ASME Certificate of Authorization No. N2203 to use the N symbol expires 8/4/90  
(Date)

### CERTIFICATION OF DESIGN

Design information on file at Anderson, Greenwood & Co.  
Stress analysis report (Class 1 only) on file at N/A

Design specifications certified by (1) David C. Haan  
PE State IL Reg. No. 62-32917  
Stress analysis certified by (1) J. Alan West  
PE State TX Reg. No. 41731

(1) Signature not required. List name only.

### CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of TX and employed by C.U.I.C.  
of Boston, MA have inspected the pump, or valve, described in this Data Report on 5/2, 5/9 19 90 and state that to the best of my knowledge and belief, the Manufacturer has constructed this pump, or valve, in accordance with the ASME Code, Section III.

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

Date 5/10 19 90  
Joseph A. Parker  
(Inspector)

Commission 2402 1027  
(Nat'l Bd., State, Prov. and No.)

98010-0674

## ATTACHMENT B

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

1. Owner Commonwealth Edison Company Date 7/10/91  
(Name)  
One First National Plaza, Chicago IL, 60690 Sheet 1 of 1  
(Address) L-08524
2. Plant LaSalle County Nuclear Station Unit 1 Repair Org., P.O. No., Job No., etc.  
(Name)  
R.R. #1, Box 220 Marseilles, IL, 61341 Type Code Symbol Stamp N/A  
(Address)
3. Work Performed by Mechanical Maintenance Authorization No. N/A  
(Name)  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (HP) High Pressure Core Spray
5. (a) Applicable Construction Code Sect. III 1971 Edition S73 Addenda, Code Cases: None  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1980, WBO Addenda
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l. Bd. No.	CRN No.	Other Identification	Year Built	Repaired, Replaced, Replacement	ASME Code Stamped (Yes or NO)
Wtr. Leg Pump	Crane	NDC000998	N/A	N/A	1E22-C003	*	Replaced	N/A
Wtr. Leg Pump	Crane	002129	N/A	N/A	1E22-C003	*	Replacement	N/A

7. Description Replaced SN NDC000998 with rebuilt pump SN 002129.
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☒ Other System Functional Test  
Pressure 71 psi Test Temp. Amb. Deg. F
9. Remarks ASME Class II Replacement.  
(Applicable Manufacturer's Data Reports to be Attached)  
\* = Per N-5 Code Data Report on file at LaSalle County Station.

## CERTIFICATION OF COMPLIANCE

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

Signed [Signature] MASTER MECHANIC 1-6, 19 92  
(Owner or Owner's Designee) (Title) (Date)

## CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. of Hartford, CT

  have inspected the Replacement described in this Report on 7 JAN., 1992  
(Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 1/10/92 John R. Yetreault Commissions IL 1416 N.I.  
(Inspector) (State or Province, National Board)

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

1. Owner Commonwealth Edison Company Date 9/25/91  
(Name)  
One First National Plaza, Chicago, IL, 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1 L-09088  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st. Rd. Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (HP) High Pressure Core Spray
5. (a) Applicable Construction Code Sect. III 19 71 Edition S73 Addenda, Code Cases None  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Water Leg Pump	Crane	NDC-002129	N/A	N/A	1E22-C003	*	Replaced	N/A
Water Leg Pump	Crane	NDC-000998	N/A	N/A	1E22-C003	*	Replacement	N/A

7. Description Class 2 Replacement, replaced pump SW NDC-002129 with rebuilt pump SW-000998.
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other Functional  
Pressure 76 psi Test Temp. Amb. Deg. F
9. Remarks \* = Per N-5 Code Data Report on file at LaSalle County Station.  
(Applicable Manufacturer's Data Report to be Attached)

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] for SA MR. 2-4, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 3-1, 1993  
(Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/1/93 John R. Tetreault Commissions IL 1416 N.I  
(Inspector) (State or Province, National Board)

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

1. Owner Commonwealth Edison Company Date 1/17/92  
(Name)  
One First National Plaza, Chicago, IL., 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1 L-12470  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st, Rd. Marseilles, IL. 61341  
(Address)
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
Mechanical Maintenance Expiration Date N/A  
(Address)
4. Identification of System (RCIC) Reactor Core Isolation Cooling
5. (a) Applicable Construction Code Sect. III 19 71 Edition S73 Addenda, Code Cases None  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRM No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Water Leg Pump	Crane	WDC-001002	N/A	N/A	1E51-C003	*	Replaced	N/A
Water Leg Pump	Crane	WDC-002130	N/A	N/A	1E51-C003	*	Replacement	N/A

7. Description Class 2 Replacement, replaced pump SN WDC-001002 with rebuilt pump SN-002130.
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☒ Other Functional  
Pressure 72 psi Test Temp. Amb. Deg. F
9. Remarks \* = Per N-5 Code Data Report on file at LaSalle County Station.  
(Applicable Manufacturer's Data Report to be Attached)

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] For SA MR 2-4, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of

Hartford, CT. have inspected the Replacement described in this Report on 3-1, 1993  
(Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3/1/93 [Signature] John B. Yetreault Commissions IL 1416 N.I  
(Inspector) (State or Province, National Board)

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

1. Owner Commonwealth Edison Company Date 11/19/92  
(Name)  
One First National Plaza, Chicago, IL., 60690  
(Address) Sheet 1 of 1
2. Plant LaSalle County Nuclear Station Unit 1 L-59953  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 N. 21st. Rd. Marseilles, IL. 61341  
(Address)
3. Work Performed by UE&C Catalytic Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
P.O. Box 59, Marseilles IL. Expiration Date N/A  
(Address)
4. Identification of System (HPCS) High Pressure Core Spray
5. (a) Applicable Construction Code Sect. III 1974 Edition No Addenda, Code Cases None  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, WBO Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	CRN No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Check Valve	TRW Mission	*	N/A	N/A	1E22-F002	*	Replaced	N/A
24" Blind Flange	WFI Nuclear	Ht.# 170VNT	N/A	N/A	N0643-1	1992	Replacement	N/A
Stud Bolts (20)	Cardinal	Ht.# G2	N/A	N/A	N/A	1992	Replacement	N/A
Hex Nuts (40)	UE&C	Ht.# J92	N/A	N/A	N/A	1987	Replacement	N/A

7. Description Class 2 Replacement, portion of the existing piping system has been abandoned in place.
8. Tests Conducted: ☐ Hydrostatic ☐ Pneumatic ☒ Normal Operating Pressure ☐ Other  
Pressure 52 psi Test Temp. Amb. Deg. F
9. Remarks \* = Per N-5 Code Data Report on file at LaSalle County Station.  
(Applicable Manufacturer's Data Report to be Attached)

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] [Signature] L-41, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 3-25, 1993  
(Rep. or Repl.)  
and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 3-25/93 John R. Tetreault Commissions II 1416 N.I  
(Inspector) (State or Province, National Board)

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

1. Owner Commonwealth Edison Company Date 5/2/92  
(Name)  
One First National Plaza, Chicago, IL, 60690 Sheet 1 of 1  
(Address)
2. Plant LaSalle County Nuclear Station Unit 1 L-24159  
(Name) Repair Organization, P.O. No., Job No., etc.  
2601 W. 21st. Rd. Marseilles, IL. 61341  
(Address)
3. Work Performed by UE&C Catalytic Type Code Symbol Stamp N/A  
(Name) Authorization No. N/A  
P.O. Box 59, Marseilles IL. Expiration Date N/A  
(Address)
4. Identification of System (RHR) Residual Heat Removal
5. (a) Applicable Construction Code Sect. III 1974 Edition No Addenda, Code Cases None  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements-1980, W80 Ad, Code Cases None
6. Identification of Components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Mat'l Bd. No.	CRM No.	Other Identification	Year Built	Repaired Replaced, Replacement	ASME Code Stamped (Yes or No)
Orifice Flange	Morrison	*	N/A	N/A	1E12-D310A	*	Replaced	N/A
3" Sch. 80 C.S. Pipe	U.S. Steel	Kt.# W45284	N/A	N/A	1RH29AB-3"	**	Replacement	N/A

7. Description Class 2 Replacement \* = Per N-5 Code Data Report on file at LaSalle County Station
8. Tests Conducted: ☒ Hydrostatic ☐ Pneumatic ☐ Normal Operating Pressure ☐ Other  
Pressure 640 psi Test Temp. Amb. Deg. F
9. Remarks \*\* = Pipe is ASME Section III, Class 2, 1986 Edition, no Addendum Reconciled per PTE L-91-06-0057  
(Applicable Manufacturer's Data Report to be Attached)  
on file at LaSalle County Station.

CERTIFICATION OF COMPLIANCE

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

Signed [Signature] John R. Tetreault 2-4, 1993  
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATION OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois, employed by Hartford Steam Boiler Insp. & Ins. Co. of Hartford, CT. have inspected the Replacement described in this Report on 5-21, 1993  
(Rep. or Repl.)

and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 4/21/93 John R. Tetreault Commissions IL 1416 N.I  
(Inspector) (State or Province, National Board)

### ATTACHMENT 3

#### ABBREVIATIONS

AHC	ACCESS HOLE COVER
ANI	AUTHORIZED NUCLEAR INSPECTOR
ANII	AUTHORIZED NUCLEAR INSERVICE INSPECTOR
ASSY	ASSEMBLY
ASME	AMERICAN SOCIETY OF MECHANICAL
CECO	COMMONWEALTH EDISON COMPANY
CRD	CONTROL ROD DRIVE
D	DATA SHEET
DR	DISCREPANCY RECORD
EPRI	ELECTRIC POWER RESEARCH INSTITUTE
FW	FEEDWATER
GE	GENERAL ELECTRIC COMPANY
HP	HIGH PRESSURE CORE SPRAY
HT#	HEAT NUMBER
ID/OD	INSIDE DIAMETER/OUTSIDE DIAMETER
IGSCC	INTERGRANULAR STRESS CORROSION CRACKING
ISI	INSERVICE INSPECTION
IST	INSERVICE TESTING
LAP	LASALLE ADMINISTRATIVE PROCEDURE
LP	LOW PRESSURE CORE SPRAY
MIL	MILLIMETER
MS	MAIN STEAM
MSIV	MAIN STEAM ISOLATION VALVE
MT	MAGNETIC PARTICLE EXAMINATION
NB	NUCLEAR BOILER

ATTACHMENT 3 (Continued)

NDE	NON-DESTRUCTIVE EVALUATION
NRC	NUCLEAR REGULATORY COMMISSION
N.R.I.	NON-RECORDABLE/NON-RELEVANT INDICATION
PCE	PART CLASSIFICATION EVALUATION
PSIG	POUNDS PER SQUARE INCH GAGE
PT	LIQUID PENETRANT EXAMINATION
PTE	PART TECHNICAL EVALUATION
RH	RESIDUAL HEAT REMOVAL
RI	REACTOR CORE ISOLATION COOLING
RR	REACTOR RECIRCULATION
RT	REACTOR WATER CLEAN-UP
RX	REACTOR VESSEL
SC	STANDBY LIQUID CONTROL
SMAD	SYSTEMS MATERIAL ANALYSIS DEPARTMENT
SRV	SAFETY RELIEF VALVE
STM	STEAM
SURV	SURVEILLANCE
UT	ULTRASONIC EXAM
VIDS	VIDEO IMAGE DIGITIZATION SYSTEM
VLV	VALVE
VT	VISUAL TESTING