Boston Edison Company JUNE 1997

INSERVICE INSPECTION SUMMARY REPORT FOR REFUEL OUTAGE 11 AT PILGRIM NUCLEAR POWER STATION

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SECTION 1.0 EXECUTIVE SUMMARY

PILGRIM NUCLEAR POWER STATION 1997 REFUEL OUTAGE 11 INSERVICE INSPECTION SUMMARY REPORT

1.0 EXECUTIVE SUMMARY

This report documents the inservice inspection (ISI), preservice inspection (PSI), and augmented examinations performed at Pilgrim Nuclear Power Station (PNPS) for the period from the end of Refueling Outage 10 to the end of Refueling Outage 11. The examinations performed are included in the first period of the Third Ten Year Inspection Interval of the PNPS ISI Program.

Types of examinations performed were

- ASME XI inservice and preservice visual, surface and volumetric examinations.
- Ultrasonic (UT) examinations for intergranular stress corrosion cracking (IGSCC) per Generic Letter 88-01.
- UT examinations of Salt Service Water piping per Generic Letter 89-13 and BECo Specification M-591.
- UT examinations of high energy piping for flow assisted corrosion per Generic Letter 89-08 and BECo Specification M-577.
- Invessel examinations.
- Visual and ultrasonic examinations of the core shroud modification.
- Visual examinations of the drywell annulus air gap drain lines.
- UT and visual examinations of RPV internal core spray piping and spargers.
- Visual examinations for leakage of Class 1, 2 and 3 components.

Examination Details:

Examinations were conducted in accordance with ASME Section XI 1989 Edition and BECo letters to NRC, NOs. 92.048, 96.091, 96.105, 97.003, 97.010 and NRC letter to BECo dated February 10, 1997.

General Electric Company was the examination vendor for examinations

performed during the refueling outage and on-line RHR heat exchanger UT examinations while BECo personnel performed the on-line examinations prior to RFO 11.

Regarding BECo letter 92.048 "Revised Inspection Plan for Drywell Annulus Air Gap Drain Lines at PNPS":

The 4" annulus air gap drains were examined after flood up of the refueling cavity and prior to drain down of the cavity. No leakage was found.

Regarding BECo letter 96.091 "Pilgrim Station 1996 On-Line and Refueling Outage 11 Inservice Inspection (ISI) Plan" as modified by BECo letters 96.105, 97.003, 97.010 and NRC letter dated February 10, 1997:

All examinations were completed with the following additional information:

- Ultrasonic examination of core spray piping internal to the reactor vessel found 6 flaws which were separately reported to the NRC by SECo letter 97.033.
- Visual examinations were performed in the reactor pressure vessel
 of all jet pumps riser-to-elbow and elbow-to-thermal sleeve welds
 per General Electric SIL 605; no flaws were found.
- Visual examinations of one half of all jet pump assemblies included the riser brace welds, beam assembly, swing gate and latch pin, set screws, wedges and slip joints. Due to nonconformance reports (NCR 97-105 and NCR 97-117) for swing gate position, the scope of the examinations was expanded to include all swing gate assemblies.
- Ultrasonic examinations of a 25% sample of the equivalent length of all core shroud vertical welds (approximately 134 inches) were performed as outlined in BECo letter 96.091 with no reportable indications detected. Visual examinations performed on components of the core shroud modification revealed no indications. Inspected components included one complete tie rod assembly, the adjacent gusset plate welds and core plate wedge assemblies, and accessible ring segment welds. Tie rod preload was verified by visual examination of one lower pin assembly for the presence of a gapped condition. The results of the visual examination were satisfactory as the tie rod pin was found to be in intimate contact with the gusset plate.

- The steam dryer leveling screws were found to have cracked tack welds in two locations (NCR 97-124).
- Two brackets welded to the vessel interior wall and not previously identified on plant drawings (later identified as abandoned reactor start-up vibration instrumentation brackets) were examined to code requirements.
- UT thickness measurements were made on 54 components for flow assisted corrosion in accordance with Generic Letter 89-08. This included a scope expansion of 5 components due to a thin wall finding. Refer to NCR 97-106 and NCR 97-108.
- A rejectable flaw in the Class 2 RHR piping support lug GB-10-117HL1(4) documented in NCR 97-64 and NCR 97-134 caused a scope expansion of 7 similar components. No additional flaws were identified.
- Class 2 RCIC Weld HD-13-1-3D was substituted for previously scheduled HB-10-F110 due to inaccessibility for ultrasonics.
- Class 2 RCIC Weld HD-13-1-3D was substituted for previously scheduled HD-13-F41 due to inaccessibility.
- UT examinations were performed on-line on 19 Salt Service Water spools for wall thickness in accordance with Specification M-591 and Generic Letter 89-13. One nonconformance report was written which was unrelated to service conditions.
- A total of 13 nonconformance reports were written on ISI activities.
 Six were in regard to core spray piping internal to the vessel, two were regarding flow assisted corrosion, two were regarding unlateched jet pump swing gates and one for cracked steam dryer leveling screw tack welds.

Regarding visual examinations for leakage for Class 2 and 3 pressure testing:

The majority of the Class 2 and 3 systems have been leak checked including the RHR/FPC Inter-tie piping described in BECo letter 96.054.

Table 1

ISI EXAMINATIONS PERFORMED ON-LINE PRIOR TO RFO 11
by Boston Edison Company

COMPONENT	DESCRIPTION	CATEGORY	SYSTEM	ISOMETRIC	EXAM	DATA
10-VB-1001-29A	VALVE BOLTING	B-G-2	RHR	ISI-I-10-1	VT-1	96-V-205
10-VB-1001-29B	VALVE BOLTING	B-G-2	RHR	ISI-I-10-1	VT-1	96-V-130
						97-V-015
11-VB-1101-16	VALVE BOLTING	B-G-2	SBLC	ISI-I-11-1	VT-1	97-V-018
						96-V-129
10-E207A-1	SHELL TO FLANGE	CATEGORY C-A	RHR	ISI-E207A	AUTO UT	96-E-169
						96-E-168
						96-E-167
						96-E-166
						98-E-170
10-E207A-3	SHELL TO FLANGE	C-A	RHR	ISI-E207A	AUTO UT	96-E-17
						96-E-17
						96-E-17
						96-E-17
						96-E-17
10-E207A-4	HEAD TO FLANGE	C-A	RHR	ISI-E207A	AUTO UT	96-E-17
						96-E-17
						96-E-17
						96-E-18
						96 5-17
10-E207A-5	HEAD CIRC WELD	C-A	RHR	ISI-E207A	AUTO UT	96-E-18
						96-E-18
						96-E-18
						96-E-18
						96-E-18

Table 1

ISI EXAMINATIONS PERFORMED ON-LINE PRIOR TO RFO 11

by Boston Edison Company

COMPONENT	DESCRIPTION	CATEGORY	SYSTEM	ISOMETRIC	EXAM	DATA
		CATEGORY	P. L. C.	101 20074	15.6	100 40 000
10-E207A-N3-1	NOZZLE TO SHELL WELD WITH REINFORCING PLATE	C-B	RHR	ISI-E207A	VT-2	VT-10-97003
10-E207A-N4-1		C-B	RHR	ISI-E207A	VT-2	VT-10-97003
		CATEGORY				
GB-14-8HL1(4)	SUPPORT LUGS	C-C	CS	ISI-I-14-2A	MT	97-M-010
		CATEGORY				
GB-14-F84	PIPE TO VALVE	C-F-1	CS	ISI-I-14-2A	PT UT	96-P-138
						96-E-132
						96-E-134
						96-E-136
GB-14-F85	VALVE TO PIPE	C-F-1	cs	ISI-I-14-2A	PT UT	96-E-136
						96-E-134
						96-E-132
						96-P-139
		CATEGORY				
3-ESD-16	ELBOW TO PIPE	C-F-2	CRD	ISI-I-3-1	MT UT	96-E-078
						96-M-074
						96-E-076
3-ESD-24	ELBOW TO PIPE	C-F-2	CRD	ISI-I-3-1	MT UT	96-M-069
						96-E-071
	*					96-C-070
						96-C-072
						96-E-073
GR 14 4 25	PIPE TO ELBOW	C-F-2	cs	ISI-I-14-2A	MT UT	96-E-024
GB-14-4-3F	PIPE TO ELBOW	0-1-2	Co	131-1-14-ZA	WIT OT	96-M-021
						00 101 02.1

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Table 1

ISI EXAMINATIONS PERFORMED ON-LINE PRIOR TO RFO 11

by Boston Edison Company

COMPONENT	DESCRIPTION	CATEGORY	SYSTEM	ISOMETRIC	EXAM	DATA SHEETS
						96-C-023
						96-E-027
						96-C-026
GB-14-F39	PIPE TO VALVE	C-F-2	cs	ISI-I-14-2B	MT UT	96-M-02
						96-E-02
						96-E-028
						96-C-026
EB-23-3-1B	RED. ELBOW TO	C-F-2	HPCI	ISI-I-23-5	MT UT	96-E-08
	PIPE					96-E-09
						96-U-20
						96-E-19
						96-M-20
						96-M-08
EB-23-F35	PUMP TO RED.	C-F-2	HPCI	ISI-I-23-5	MT UT	96-E-08
	ELBOW					96-E-08
						96-E-08
						96-M-07
						96-E-08
HD-13-1-3D	PIPE TO TEE	C-F-2	RCIC	ISI-I-13-2	MT UT	96-M-02
						96-C-03
						96-E-03
						96-E-03
						96-C-03
GB-10-17-3A-I	TEE TO PIPE	C-F-2	RHR	ISI-I-10-3A	MT UT	96-C-06
						96-E-06

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Table 1

ISI EXAMINATIONS PERFORMED ON-LINE PRIOR TO RFO 11

by Boston Edison Company

COMPONENT	DESCRIPTION	CATEGORY	SYSTEM	ISOMETRIC	EXAM	DATA SHEETS
						96-M-059
						96-C-065
						96-E-063
GB-10-18-4B	PIPE TO WELDOLET	C-F-2	RHR	ISI-I-10-3A	MT UT	96-M-016
	WELDOLET					96-C-017
						96-E-020
						96-C-019
						96-E-018
HB-10-1-10B	ELBOW TO PIPE	C-F-2	RHR	ISI-I-10-1B	MT UT	96-E-044
						96-M-037
						96-C-039
						96-U-012
						96-C-042
						96-M-038
						96-M-01
						96-E-041
HB-10-3-1E	TEE TO REDUCER	C-F-2	RHR	ISI-I-10-1B	MT UT	96-C-046
						96-E-049
						96-M-04
						96-E-047
						96-C-04
HB-10-3-1F	REDUCER TO ELBOW	C-F-2	RHR	ISI-I-10-1B	MT UT	96-E-066
						96-E-06

Table 1

ISI EXAMINATIONS PERFORMED ON-LINE PRIOR TO RFO 11
by Boston Edison Company

COMPONENT	DESCRIPTION	CATEGORY	SYSTEM	ISOMETRIC	EXAM	DATA
anne ann ga ga ann ann an an ann an an an an an an an	And the control of th			AND AND THE PROPERTY OF THE PR		96-M-058
						96-C-065
HB-10-3-2F	TEE TO PIPE	C-F-2	RHR	ISI-I-10-2A	MT UT	96-E-190
						96-E-189
						96-C-061
						96-M-188
						96-C-065
HB-10-F79	VALVE TO ELBOW	C-F-2	RHR	ISI-I-10-1C	MT UT	96-M-030
						96-C-031
						96-E-033
						96-E-036
HB-10-F92	PIPE TO ELBOW	C-F-2	RHR	ISI-I-10-1B	MT UT	96-E-043
						96-U-012
						96-M-038
						96-M-037
						96-C-039
						96-E-040
						97-M-013
						96-C-042
		CATEGORY				
HE-30-10PS	STANCHION	D-B	RBCCW	ISI-I-30-1SH2	VT-3	VT-30-9600
HE-30-11PS	STANCHION	D-B	RBCCW	ISI-I-30-1SH1	VT-3	VT-30-9600
HE-30-121PS	STANCHION	D-B	RBCCW	ISI-I-30-1SH1	VT-3	VT-30-96000
HE-30-437PS	STANCHION	D-B	RBCCW	ISI-I-30-1SH1	VT-3	VT-30-9600
HE-30-52PS	STANCHION	D-B	RBCCW	ISI-I-30-1SH2	VT-3	VT-30-9601

Table 1

ISI EXAMINATIONS PERFORMED ON-LINE PRIOR TO RFO 11
by Boston Edison Company

COMPONENT	DESCRIPTION	CATEGORY	SYSTEM	ISOMETRIC	EXAM	DATA SHEETS
HE-30-66PS	STANCHION	D-B	RBCCW	ISI-I-30-1SH1	VT-3	VT-30-96010
HE-30-67PS	STANCHION	D-B	RBCCW	ISI-I-30-1SH1	VT-3	VT-30-9601
HE-30-68PS	STANCHION	D-B	RBCCW	ISI-I-30-1SH1	VT-3	VT-30-9601
HE-30-69PS	STANCHION	D-B	RBCCW	ISI-I-30-1SH1	VT-3	VT-30-9601
HE-30-99PS	STANCHION	D-B	RBCCW	ISI-I-30-1SH2	VT-3	VT-30-9601
		CATEGORY				
H-14-1-10	RIGID HANGER	F-A	CS	ISI-I-14-2B	VT-3	VT-14-9600
H-14-1-4SH	RIGID HANGER	F-A	cs	ISI-I-14-2A	VT-3	VT-14-9600
H-23-1-11	SPRING HANGER	F-A	HPCI	ISI-I-23-2	VT-3	VT-23-9600
H-23-1-16S	LATERAL RESTRAINT	F-A	HPCI	ISI-I-23-2	VT-3	VT-23-9600
H-23-1-8	SPRING HANGER	F-#	HPCI	ISI-I-23-2	VT-3	VT-23-9600
H-30-1-11SA	ANCHOR	F-A	RBCCW	ISI-I-30-1SH1	VT-3	VT-30-9600
H-30-1-437	RIGID HANGER	F-A	RBCCW	ISI-I-30-1SH1	VT-3	VT-30-9600
H-30-1-67	RIGID HANGER	F-A	RBCCW	ISI-I-30-2SH1	VT-3	VT-30-9600
H-30-1- 69SA/350	ANCHOR	F-A	RBCCW	ISI-I-30-2SH1	VT-3	VT-30-9601
H-30-1-99	RIGID HANGER	F-A	RBCCW	ISI-I-30-2SH2	VT-3	VT-30-9601
H-13-1-30	RIGID SUPPORT	F-A	RCIC	ISI-I-13-3	VT-3	VT-13-9600
H-13-1-32	SPRING HANGER	F-A	RCIC	ISI-I-13-3	VT-3	VT-13-9600
H-10-1-101S	RIGID HANGER	F-A	RHR	ISI-I-10- 5BSH2	VT-3	VT-10-9600
H-10-1-102S	LATERAL	F-A	RHR	ISI-I-10- 5BSH2	VT-3	VT-10-9601
H-10-1-160	RIGID HANGER	F-A	RHR	ISI-I-10- 5BSH2	VT-3	VT-10-9600
H-10-1-17SS	RIGID HANGER	F-A	RHR	ISI-I-10-1C	VT-3	VT-10-960
H-10-1-180	RIGID HANGER	F-A	RHR	ISI-I-10- 4ASH2	VT-3	VT-10-960

Table 1

ISI EXAMINATIONS PERFORMED ON-LINE PRIOR TO RFO 11

by Boston Edison Company

COMPONENT	DESCRIPTION	CATEGORY	SYSTEM	ISOMETRIC	EXAM	DATA
 H-10-1-182	SPRING HANGER	F-A	RHR	ISI-I-10-1C	VT-3	VT-10-96005
H-10-1-4SR	LATERAL RESTRAINT	F-A	RHR	ISI-I-10-3A	VT-3	VT-10-96002
H-10-1-76	RIGID HANGER	F-A	RHR	ISI-I-10- 5BSH1	VT-3	VT-10-96008
H-10-1-81	RIGID HANGER	F-A	RHR	ISI-I-10- 4BSH1	VT-3	VT-10-96007
H-10-1-E207A	HX SUPPORT	F-A	RHR	ISI-E207A	VT-3	VT-10-96001

Table 2
ISI EXAMINATIONS PERFORMED DURING RFO 11
by General Electric

COMPONENT	DESCRIPTION	CATEGORY	SYSTEM	ISOMETRIC	EXAM
RPV-HF-0-120	HEAD TO FLANGE	B-A	RPV	ISI-I-54-2	MT UT
RPV-SF-0-120	SHELL TO FLANGE	B-A	RPV	ISI-I-54-1	UT
RPV-TH-M1	MERID HEAD WELD 0	B-A	RPV	ISI-I-54-2	UT
RPV-TH-M2	MERID HEAD WELD 45	B-A	RPV	ISI-I-54-2	UT
RPV-TH-M3	MERID HEAD WELD 90	B-A	RPV	ISI-I-54-2	UT
		CATEGORY			
RPV-N3A-NIR	NOZZLE INNER RADIUS	B-D	RPV	ISI-I-54-1	UT
RPV-N3A-NV	NOZZLE TO VESSEL	B-D	RPV	ISI-I-54-1	UT
RPV-N3B-NIR	NOZZLE INNER RADIUS	B-D	RPV	131-1-54-1	UT
RPV-N3B-NV	NOZZLE TO VESSEL	B-D	RPV	ISI-I-54-1	UT
RPV-N3C-NIR	NOZZLE INNER RADIUS	B-D	RPV	ISI-I-54-1	UT
RPV-N3C-NV	NOZZLE TO VESSEL	B-D	RPV	ISI-I-54-1	UT
RPV-N3D-NIR	NOZZLE INNER RADIUS	B-D	RPV	ISI-I-54-1	UT
RPV-N3D-NV	NOZZLE TO VESSEL	B-D	RPV	ISI-I-54-1	UT
RPV-N6A-NIR	NOZZLE INNER RADIUS	B-D	RPV	ISI-I-54-1	UT
RPV-N6A-NV	NOZZLE TO VESSEL	B-D	RPV	ISI-I-54-1	UT
		CATEGORY			
14-A-10A	VALVE TO PIPE	B-F	CS	ISI-I-14-1	PT UT
1-A-1	NOZZLE TO SAFE END	B-F	RPV	ISI-I-1-SH1	MT UT
1-B-1	NOZZLE TO SAFE END	B-F	RPV	ISI-I-1-1SH1	MT UT
1-C-1	NOZZLE TO SAFE END	B-F	RPV	ISI-I-1-1SH1	MT UT
1-D-1	NOZZLE TO SAFE END	B-F	RPV	ISI-I-1-1SH1	MT U
14-A-1	SAFE END TO NOZZLE	B-F	RPV	ISI-I-14-1	PT UT
2R-N2G-1	SAFE END TO NOZZLE	B-F	RPV	ISI-I-2R-B	PT UT
2R-N2H-1	SAFE END TO NOZZLE	B-F	RPV	ISI-I-2R-B	PT UT
2R-N2K-1	SAFE END TO NOZZLE	B-F	RPV	ISI-2R-B	PT UT

Table 2
ISI EXAMINATIONS PERFORMED DURING RFO 11
by General Electric

COMPONENT	DESCRIPTION	CATEGORY	SYSTEM	ISOMETRIC	EXAM
RPV-N14-1	SAFE END TO NOZZLE	B-F	RPV	ISI-I-11-1	PT
RPV-N9B-1	NOZZLE TO SAFE END	B-F	RPV	ISI-I-54-4	PT UT
		CATEGORY			
RPV-CB-1-18	CLOSURE BUSHINGS	B-G-1	RPV	ISI-I-54-2	VT-1
RPV-CHN-1-18	CLOSURE HEAD NUTS	B-G-1	RPV	ISI-I-54-2	MT
RPV-CS-1-18	CLOSURE STUDS	B-G-1	RPV	ISI-I-54-2	UT
RPV-CW-1-18	CLOSURE WASHERS	B-G-1	RPV	ISI-I-54-2	VT-1
RPV-FT-1-18	THREADS IN FLANGE	B-G-1	RPV	ISI-I-54-2	UT
		CATEGORY			
6-VB-57A	VALVE BOLTING	B-G-2	FW	ISI-I-6-1	VT-1
6-VB-57B	VALVE BOLTING	B-G-2	FW	ISI-I-6-1	VT-1
23-VB-2301-4	VALVE BOLTING	B-G-2	HPCI	ISI-I-23-1	VT-1
1-VB-203-1A	VALVE BOLTING <2'	B-G-2	MS	ISI-I-1-1SH2	VT-1
1-VB-203-1B	VALVE BOLTING <2"	B-G-2	MS	ISI-I-1-1SH2	VT-1
1-VB-203-1C	VALVE BOLTING <2"	B-G-2	MS	ISI-I-1-1SH2	VT-1
1-VB-203-1D	VALVE BOLTING <2'	13-G-2	MS	ISI-I-1-1SH2	VT-1
1-VB-203-2A	VALVE BOLTING <2'	E-G-2	MS	ISI-I-1-1SH2	VT-1
1-VB-203-2B	VALVE BOLTING <2"	B-G-2	MS	ISI-I-1-1SH2	VT-1
2-VB-202-4A	VALVE BOLTING	B-G-2	RECIRC	ISI-I-2R-A	VT-1
RPV-FB-N7A	FLANGE BOLTING	B-G-2	RPV	ISI-I-54-4	VT-1
RPV-FB-N7B	_ FLANGE BOLTING	B-G-2	RPV	ISI-I-54-4	VT-1
RPV-FB-N8	FLANGE BOLTING	B-G-2	RPV	ISI-I-54-4	VT-1
12-VB-1201-2	VALVE BOLTING	B-G-2	RWCU	ISI-I-12-1SH1	VT-1
		CATEGORY			
RPV-SBW-0	RPV STABILIZER WELD	В-Н	RPV	ISI-I-54-1	MT
RPV-SBW-180	RPV STABILIZER WELD	В-Н	RPV	ISI-I-54-1	MT

Table 2
ISI EXAMINATIONS PERFORMED DURING RFO 11
by General Electric

COMPONENT	DESCRIPTION	CATEGORY	SYSTEM	ISOMETRIC	EXAM
RPV-SBW-270	RPV STABILIZER WELD	в-н	RPV	ISI-I-54-1	МТ
RPV-SBW-90	RPV STABILIZER WELD	В-Н	RPV	ISI-I-54-1	M.
		CATEGORY			
14-A-17	PIPE TO PENETRATION	B-J	CS	ISI-I-14-1	PT UT
14-A-18	PIPE TO PIPE	B-J	cs	ISI-I-14-1	PT UT
14-B-17	PIPE TO PENETRATION	B-J	cs	ISI-I-14-1	PT UT
14-B-18	ELBOW TO PIPE	B-J	cs	ISI-I-14-1	PT UT
14-B-19	PIPE TO ELBOW	B-J	cs	ISI-I-14-1	PT UT
14-B-20	PIPE TO PIPE	B-J	cs	ISI-I-14-1	PT UT
6-B-7	PIPE TO VALVE	B-J	FW	ISI-I-6-1	MT UT
6-N4B-8	ELBOW TO PIPE	B-J	FW	ISI-I-6-1	MT UT
6-N4C-9	ELBOW TO PIPE	B-J	FW	ISI-I-6-1	MT UT
23-0-10	VALVE TO ELBOW	B-J	HPCI	ISI-I-23-1	MT UT
23-0-9	PIPE TO VALVE	B-J	HPCI	ISI-I-23-1	MT UT
1-A-14	VALVE TO PIPE	B-J	MS	ISI-I-1-1SH2	MT UT
1-SD-8R	VALVE TO PIPE	B-J	MS	ISI-I-1-1SH2	MT
13-0-3	PIPE TO ELBOW	B-J	RCIC	ISI-I-13-1	MT
13-0-4	ELBOW TO PIPE	B-J	RCIC	ISI-I-13-1	MT
10R-IB-12	PENETRATION TO ELBOW	B-J	RHR	ISI-I-10-1	PT UT
12-O-29R	ELBOW TO PIPE	B-J	RWCU	ISI-I-12-1SH1	PT UT
12-O-30R	PIPE TO ELBOW	B-J	RWCU	ISI-I-12-1SH1	PT UT
12-O-31R	ELBOW TO PIPE	B-J	RWCU	ISI-I-12-1SH1	PT UT
12R-BC-6	PIPE TO ELBOW	B-J	RWCU	ISI-I-12-1SH2	PT
B-11-304	ELBOW TO PIPE	B-J	SBLC	ISI-I-11-1	PT
B-11-305	PIPE TO ELBOW	B-J	SBLC	ISI-I-11-1	PT

Table 2

ISI EXAMINATIONS PERFORMED DURING RFO 11
by General Electric

COMPONENT	DESCRIPTION	CATEGORY	SYSTEM	ISOMETRIC	EXAM
		CATEGORY			
RPV INTERIOR	VESSEL INTERIOR	B-N-1	RPV	N/A	VT-3
		CATEGORY			
GB-14-2HL1(4)	SUPPORT LUGS	C-C	CS	ISI-I-14-2B	MT
EB-23-13HL1(4)	SUPPORT LUGS	C-C	HPCI	ISI-I-23-2	MT**
EB-23-59HL1(4)	SUPPORT LUGS	C-C	HPCI	ISI-I-23-2	MT**
EB-23-62HL1(4)	SUPPORT LUGS	C-C	HPCI	ISI-I-23-2	MT**
HB-23-75HL1(8)	SUPPORT LUGS	C-C	HPCI	ISI-I-23-3	MT**
HE-26-	SUPPORT LUGS	C-C	HPCI	ISI-I-23-4	MT**
175HL1(1) HB-13-F-HL1(2)	HANGER LUGS	C-C	HPCI	ISI-I-23-3	MT**
10-E207B-S1	HX SUPPORT LUGS	C-C	RHR	ISI-E207B	MT
10-E207B-S2	HX SUPPORT LUGS	C-C	RHR	ISI-E207B	MT
10-E207B-S3	HX SUPPORT LUGS	C-C	RHR	ISI-E207B	MT
10-E207B-S4	HX SUPPORT LUGS	C-C	RHR	ISI-E207B	MT
GB-10-	SUPPORT LUGS	C-C	RHR	ISI-I-10-3A	MT
117HL1(4) HL-10- 200HL1(4)	SUPPORT LUGS	C-C	RHR	ISI-I-10-4ASH1	MT**
200HL1(4)		CATEGORY		and the latest and the	7.4.20
HL-10-4-2B	ELBOW TO PIPE	C-F-2	RHR	ISI-I-10-2A	MT UT
HL-10-F202	NOZZLE TO PIPE	C-F-2	RHR	ISI-I-10-2A	MT UT
** Expanded scope exams					
SLT RHR-13	PRESSURE BOUNDARY	С-Н	RHR	ISI-I-10-1C	VT-2
		CATEGORY			
H-6-1-102	SPRING HANGER	F-A	FW	ISI-I-6-1	VT-3
H-6-1-106	SPRING HANGER	F-A	FW	ISI-I-6-1	VT-3
H-23-1-12SS	SNUBBER	F-A	HPCI	ISI-I-23-3	VT-3

Table 2
ISI EXAMINATIONS PERFORMED DURING RFO 11
by General Electric

COMPONENT	DESCRIPTION	CATEGORY	SYSTEM	ISOMETRIC	EXAM
H-1-1-22	RIGID HANGER	F-A	MS	ISI-I-1-1SH2	VT-3
H-1-1-HA2	SPRING HANGER	F-A	MS	ISI-I-1-1SH1	VT-3
H-1-1-SA1	SNUBBER	F-A	MS	ISI-I-1-1SH1	VT-3
H-1-1-SA2	SNUBBER	F-A	MS	ISI-I-1-1SH1	VT-3
H-2-1-H1	SPRING HANGER	F-A	RECIRC	ISI-I-2R-A	VT-3
H-2-1-H6	SPRING HANGER	F-A	RECIRC	ISI-I-2R-A	VT-3
H-2-1-H8	SPRING HANGER	F-A	RECIRC	ISI-I-2R-A	VT-3
H-10-1-SS19	SNUBBER	F-A	RHR	ISI-I-10-1	VT-3
H-54-1-SB0	PRV STABLIZER	F-A	RPV	ISI-I-54-1	VT-3
H-54-1-SB180	RPV STABILIZER	F-A	RPV	ISI-I-54-1	VT-3
H-54-1-SB270	RPV STABILIZER	F-A	RPV	ISI-I-54-1	VT-3
H-54-1-SB90	RPV STABILIZER	F-A	RPV	ISI-I-54-1	VT-3
H-12-1-11	SPRING HANGER	F-A	RWCU	ISI-I-12-1SH1	VT-3

Table 3

RFO 11 NONCONFORMANCE REPORTS

NCR NO.	DESCRIPTION	DISPOSITION	MR
97-090	Flaw in core spray weld SWIAN	Accept as is	19600303
97-091	Flaw in core spray SWIAS	Accept as is	19600303
97-092	Flaw in core spray SWIBN	Accept as is	19600303
97-093	Flaw in core spray SWIBS	Accept as is	19600303
97-068	Flaw in core spray SW8BN	Accept as is	19600303
97-086	Flaw in core spray SW8AN	Accept as is	19600303
97-106	Thin wall for E/C PT 196	Replace	19600692
97-108	Thin wall for E/C PT 186/187	Replace	19600687
97-064	GB-10-117HL1(4) linear indication	Repair	19600301
96-052	JF29-9-1 thin wall	Accept as is	19600286
97-105	Jet pump #6 swing gate unlatched	Accept as is	19600303
97-117	Jet pump #1,4,7,8,9,16 and 17 swing gates unlatched	Accept as is	19600303
97-124	Tack welds on steam dryer leveling screws @ 35° and 215° are cracked	Accept as is	19600303

TABLE 4

PRESERVICE VISUAL EXAMS PERFORMED DURING 1997

DATASHEET	DESCRIPTION	SYSTEM	EXAM TYPE	DATE	MR
VT-1-97008	1-VI-203-4A INTERNALS	MS	VT-3	3/5/97	1960105
VT-10-97002	Temp Support FSKC-97-01-KALB-03	RHR	VT-3	2/11/97	19602324
VT-10-97012	H-10-1-SS21	RHR	VT-3	3/3/97	1960064
VT-10-97018	H-10-1-50SH	RHR	VT-3	2/23/97	1950191
VT-10-97019	1001-2A & 1001-2C CHK VALVES	RHR	VT-2	3/25/97	1960241
VT-10-97023	H-10-1-SG16	RHR	VT-3	4/9/97	1930146
VT-10-97024	H-10-SS25	RHR	VT-3	4/3/97	1960064
VT-10-97025	H-10-1-110	RHR	VT-3	2/22/97	1930173
VT-14-97001	H-14-1-18S	cs	VT-3	2/25/97	1960064
VT-23-97002	H-23-1-86	HPCI	VT-3	2/18/97	1960065
VT-23-97003	H-23-1-86	HPCI	VT-3	2/18/97	1960065
VT-29-97001	TEMP. SUPPORT FSKC-97-01-KAL	ssw	VT-3	1/28/97	1960227
VT-29-97002	TEMP. SUPPORT	ssw	VT-3	1/28/97	1960227
	FSKC-97-01-KAL				
VT-29-97003	P-208C PWT	ssw	VT-2	2/7/97	1950341
VT-29-97004	E-122B CHANNEL HEAD	ssw	VT-2	2/8/97	1960227
VT-29-97005	E-209B Hx PWT	SSW	VT-2	2/28/97	1960227
VT-29-97006	- SSW 3822 VALVE	ssw	VT-2	3/1/97	P940245
VT-29-97007	SSW 3838 VALVE	ssw	VT-2	3/1/97	P94024
VT-29-97008	SSW 3833 VALVE	ssw	VT-2	3/1/97	P94024
VT-29-97009	H-29-1-11	SSW	VT-3	3/7/97	1930173
VT-29-97010	E-122B CHANNEL HEAD	ssw	VT-2	3/13/97	1970039
VT-29-97011	'A' SSW TE-6242	ssw	VT-2	3/16/97	1960258
VT-29-97012	'A' SSW TE-3842	SSW	VT-2	3/16/97	196026

TABLE 4

PRESERVICE VISUAL EXAMS PERFORMED DURING 1997

DATASHEET	DESCRIPTION	SYSTEM	EXAM TYPE	DATE	MR
VT-29-97013	2" PIPING TO 29-HO-39A VALVE	ssw	VT-2	4/6/97	19503156
VT-29-97014	E-209A HX CHANNEL HEAD	ssw	VT-2	3/15/97	19602270
VT-30-97004	H-30-1-175	RBCCW	VT-3	3/6/97	19301735
97-V-215	B-G-2	MS	VT-1	3/6/97	19601055
97-V-376	B-G-2	MS	VT-1	4/4/97	19600734
97-V-270	B-G-2	RECIRC	VT-1	2/27/97	1960353 19602762
97-V-271	B-G-2	RECIRC	VT-1	2/27/97	1960262 19602762
97-V-299	B-G-2	RECIRC	VT-1	3/12/97	P9403213
97-V-301	B-G-2	RECIRC	VT-1	3/14/97	19602391
97-V-005	B-G-2	CRD	VT-1	1/29/97	N/A
97-V-006	B-G-2	CRD	VT-1	1/27/97	N/A
97-V-019	B-G-2	CRD	VT-1	2/26/97	N/A
97-V-030	B-G-2	CRD	VT-1	2/20/97	N/A
97-V-079	B-G-2	CRD	VT-1	2/21/97	N/A
97-V-188	B-G-2	CRD	VT-1	3/4/97	19600794

TABLE 5
PRESERVICE VISUAL EXAMS PERFORMED DURING 1996

DATASHEET	DESCRIPTION	SYSTEM	EXAM TYPE	DATE	MR
VT-1-96002	SRV203-3B PILOT	MS	VT-2	4/24/96	19600190
VT-1-96003	SRV203-3B PILOT	MS	VT-3	4/16/96	19600190
VT-13-96001	PSD 1301-9	RCIC	VT-2	4/3/96	N/A, PNPS 8.5.5.1
VT-29-96001	29-HO-58	ssw	VT-2	9/17/96	19601977
VT-29-96003	29-HO-3871B	ssw	VT-2	9/29/96	19500321
VT-29-96004	29-HO-3972B	ssw	VT-2	9/29/96	19500316
VT-29-96005	E-209B HX	ssw	VT-2	9/29/96	19502034
VT-29-96006	29-HO-393OB	ssw	VT-2	9/29/96	19502394
VT-29-96007	29-HO-3B to 29-HO-5B	ssw	VT-2	10/15/96	19500319
VT-29-96009	P-208E SSW PUMP	ssw	VT-2	11/12/96	19503413
VT-30-96001	H-30-1-E209A	RBCCW	VT-3	3/15/96	19502512
VT-30-96002	H-30-1-E209B	RBCCW	VT-3	3/15/96	19502511
96-V-007	B-G-2	MS	VT-1	5/22/96	N/A

TABLE 6

PRESERVICE VISUAL EXAMS PERFORMED DURING 1995

DATASHEET	DESCRIPTION	SYSTEM	EXAM TYPE	DATE	MR	
VT-10-95050	28B VALVE 3/4" DRAIN	RHR	VT-2	9/28/95	19502914	
VT-29-95021	2" VLV RPLMT AT P-208B	ssw	VT-2	12/21/95	19503377	

TABLE 7

VT-2 VISUAL EXAMS PERFORMED DURING 1997 SYSTEM PRESSURE TESTS

DATASHEET	COMPONENT	SYSTEM	EXAM TYPE	DATE	MR
VT-10-97004	SLT RHR-1	RHR	VT-2	2/16/97	N/A
VT-10-97005	SLT RHR-6	RHR	VT-2	2/16/97	N/A
VT-10-97006	SLT RHR-7	RHR	VT-2	2/16/97	N/A
VT-10-97007	SLT RHR-9	RHR	VT-2	2/19/97	N/A
VT-10-97008	SLT RHR-10	RHR	V1-2	2/19/97	N/A
VT-10-97009	SLT RHR-5	RHR	VT-2	2/19/97	N/A
VT-10-97010	SLT RHR-1, -11, -12, 13, -14	RHR	VT-2	2/25/97	S9604277
VT-10-97014	SLT RHR-2	RHR	VT-2	3/6/97	N/A
VT-10-97016	SLT RHR-3, -8	RHR	VT-2	3/6/97	N/A
VT-10-97017	SLT RHR-5	RHR	VT-2	3/13/97	N/A
VT-10-97020	SLT RHR-1	RHR	VT-2	3/17/97	N/A
VT-10-97021	SLT RHR-4	RHR	VT-2	3/15/97	N/A
VT-10-97022	SLT RHR-1	RHR	VT-2	3/13/97	N/A
VT-11-97001	SLT SLC-1, -2, -3, -4	SBLC	VT-2	2/27/97	N/A
VT-23-97004	SLT HPCI-2	HPCI	VT-2	1/16/97	N/A
VT-30-97001	SLT RBCCW-1	RBCCW	VT-2	2/21/97	N/A
VT-30-97002	SLT RBCCW-3	RBCCW	VT-2	2/16/97	N/A
VT-30-97003	SLT RBCCW-5	RBCCW	VT-2	2/16/97	N/A
VT-54-97005	ANNULUS DRAINS	RPV	VT-2	2/18/97	N/A
VT-54-97006	ANNULUS DRAINS	RPV	VT-2	3/13/97	N/A
VT-54-97007	CLASS 1 SYSTEM PRESSURE TEST	VARIOUS	VT-2	3/28/97	19602747
VT-54-97008	CLASS 1 SYSTEM PRESSURE TEST	VARIOUS	VT-2	3/28/97	19602747
VT-54-97009	CLASS 1 SYSTEM PRESSURE TEST	VARIOUS	VT-2	3/28/97	19602747

TABLE 7

VT-2 VISUAL EXAMS PERFORMED DURING 1997 SYSTEM PRESSURE TESTS

	DATASHEET	COMPONENT	SYSTEM	EXAM TYPE	DATE	MR
•	VT-54-97010	CLASS 1 SYSTEM PRESSURE TEST	VARIOUS	VT-2	3/28/97	19602747
	VT-54-97011	CLASS 1 SYSTEM PRESSURE TEST	VARIOUS	VT-2	3/28/97	19602747
	VT-54-97012	CLASS 1 SYSTEM PRESSURE TEST	VARIOUS	VT-2	3/28/97	19602747
	VT-54-97013	CLASS 1 SYSTEM PRESSURE TEST	VARIOUS	VT-2	3/28/97	19602747
	VT-54-97014	CLASS 1 SYSTEM PRESSURE TEST	VARIOUS	VT-2	3/28/97	19602747
	VT-54-97015	CLASS 1 SYSTEM PRESSURE TEST	VARIOUS	VT-2	3/28/97	19602747
	VT-54-97016	CLASS 1 SYSTEM PRESSURE TEST	VARIOUS	VT-2	3/28/97	19602747
	VT-54-97017	CLASS 1 SYSTEM PRESSURE TEST	VARIOUS	VT-2	3/28/97	19602747
	VT-54-97018	CLASS 1 SYSTEM PRESSURE TEST	VARIOUS	VT-2	3/28/97	19602747
	VT-54-97019	CLASS 1 SYSTEM PRESSURE TEST	VARIOUS	VT-2	3/28/97	19602747
	VT-54-97020	CLASS 1 SYSTEM PRESSURE TEST	VARIOUS	VT-2	3/28/97	19602747
	VT-54-97021	CLASS 1 SYSTEM PRESSURE TEST	VARIOUS	VT-2	3/28/97	19602747
	VT-54-97022	CLASS 1 SYSTEM PRESSURE TEST	VARIOUS	VT-2	3/28/97	19602747

TABLE 8

VT-2 VISUAL EXAMS PERFORMED DURING 1996 SYSTEM PRESSURE TESTS

D	ATASHEET	COMPONENT	SYSTEM	EXAM TYPE	DATE	MR
V	T-29-96008	SLT SSW-2	ssw	VT-2	11/4/96	N/A
V	T-30-96003	SLT RBCCW-6	RBCCW	VT-2	8/27/96	N/A
V	T-30-96004	SLT RBCCW-2	RBCCW	VT-2	8/23/96	N/A
٧	T-30-96005	SLT RBCCW-1 & -7	RBCCW	VT-2	8/21/96	N/A
V	T-30-96006	SLT RBCCW-11	RBCCW	VT-2	8/22/96	N/A
٧	T-30-96007	SLT RBCCW-3 & -10	RBCCW	VT-2	9/3/96	N/A

TABLE 9

VT-2 VISUAL EXAMS PERFORMED DURING 1995 SYSTEM PRESSURE TESTS

DATASHEET	COMPONENT	SYSTEM	EXAM TYPE	DATE	MR
VT-10-95046	SLT RHR-1	RHR	VT-2	7/17/95	N/A
VT-10-95047	SLT RHR-8	RHR	VT-2	7/17/95	N/A
VT-10-95048	SLT RHR-1, 2	RHR	VT-2	7/14/95	N/A
VT-10-95049	SLT RHR-4, 6	RHR	VT-2	7/14/95	N/A
VT-14-95014	SLT CS-1	cs	VT-2	6/23/95	N/A
VT-14-95015	SLT CS-6	cs	VT-2	6/23/95	N/A
VT-14-95016	SLT CS-8	cs	VT-2	6/23/95	N/A
VT-14-95017	SLT CS-7	cs	VT-2	6/23/95	N/A
VT-14-95018	SLT CS-5	cs	VT-2	6/28/95	N/A
VT-14-95019	SLT CS-4	cs	VT-2	6/29/95	N/A
VT-14-95020	SLT CS-3	cs	VT-2	6/29/95	N/A
VT-14-95021	SLT CS-1, 2	cs	VT-2	6/29/95	N/A
VT-23-95015	HYDRO HPCI-6	HPCI	VT-2	6/5/95	19400658
VT-23-95016	HYDRO HPCI-6	HPCI	VT-2	6/5/95	19400658
VT-23-95017	HYDRO HPCI-6	HPCI	VT-2	6/5/95	19400658
VT-23-95018	SLT HPCI-2	HPCI	VT-2	6/19/95	N/A
VT-23-95019	SLT HPCI-3	HPCI	VT-2	6/8/95	N/A
VT-29-95017	SLT SSW-2	ssw	VT-2	7/12/95	N/A
VT-29-95018	SLT SSW-3	ssw	VT-2	7/12/95	N/A
VT-29-95019	SLT SSW-2	ssw	VT-2	7/12/95	N/A
VT-29-95020	SLT SSW-3	ssw	VT-2	7/12/95	N/A

SECTION 2.0 NIS-1 AND NIS-2 CODE REPORTS FOR ASME XI REPAIRS AND REPLACEMENTS

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules

1. Owner BO	ston Edison Co			
	(Name s	and Address of Owner)		The state of the s
2. Plant Pilgrim N				1.04
3. Plant Unit #1	4. Owner	Certificate of Authoriz	ation (if required) N/	A
5. Commercial Service D	ate 12-9-72 6. Na	tional Board Number fo	r Unit 2076	3
7. Components inspected	d			An Susan
Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Combustion En	ng. 66107	66207	20763
Piping	Bechtel	N/A	N/A	N/A
	-	***************************************	-	-
	-	Sales Service and Control of the Con	MANUFACTURE DE MINISTERNE	-
	***************************************	***************		-
4	SALES OF SHIP HE SALES	***	STATE OF THE PERSONS ASSESSED.	***********
Marchiteles and a superior	SCHOOL STATE OF THE SECOND	***************************************	-	SPECIFICATION CONTRACTOR
	Control of the Contro	-	CONTRACTOR OF STREET	-
-	***************************************		***************************************	Series of the se
TOTAL COMMUNICATION AND ADDRESS OF THE PARTY	***	-	-	CALLETTINA TOWNS AND
NA MINISTRA PROGRAMMA		CONTRACTOR OF CONTRACTOR	*****	SANTA SERVICE GARAGES
MESON AND DESCRIPTION OF THE PROPERTY AND THE PROPERTY AN	40.000000000000000000000000000000000000	-		AND DESCRIPTION OF THE PARTY OF
Charles	***************************************	****	***************************************	***************************************

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8% 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.

FORM NIS-1 (back)

	Examination Dates 6-5-95 to 3-29-97 9. laspection laterval from 6-30-95to 6-30-05
	O. Abstract of Examinations, Include a list of examinations and a statement concerning status of work required for current interval. See ISI Summary Report
1	1. Abstract of Conditions Noved. See ISI Summary Report
1	2. Abstract of Corrective Measures Recogning aded and Taken See ISI Summary Report and NIS-2 Forms
	·
	We certify that the statements made in this report are correct and the examinations and corrective mea-
	ate 6/3 19 97 signed Boston Edison By Auder for The Owner Owner QA Manager
<	ertificate of Authorization No. (if applicable) N/A Expiration Date
***	CERTIFICATE OF INSERVICE INSPECTION
1	the undersigne holding a valid commission issued by the National Board of Boiler and Pressure Vessel properties and/or the State or Province of MASS and employed by Arkwright Mutual of
	have inspected the components described in this Owners. Data Report during the period 6/5/95 to 3/29/97 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implicate concerning the examinations and corrective measures described in this Owners' Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage for a loss of any kind arising from or connected with this inspection.
	have inspected the components described in this Owners' Data Report during the period of 1/5/95 to 3/29/97 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implication of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implication of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage.

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

. Owner	Boston Ed Name	dison Co	armonousk	Date	5/16/94				
	800 Boylston Stree	t, Boston MA		Sheet1	of				
. Plant	Pilgrim Nucles	ar Power Station		Unit1					
600	O Rocky Hill Road, F	Plymouth MA 0236	0	Repai: On	MR 194	01118 O. No., Job No., etc.			
Work Performed by Boston Edison Co Name				Type Code Symbol Stamp N/A Authorization No. N/A					
600 R.o	ocky Hill Road Plyn	nouth MA 02360		Expiration Date		N/A			
		esidual Heat Removi			Addend	American	Code Case		
(b) Applica	ble Construction Coc ble Edition of Section ion of Components	on XI Utilized for Re	pairs or Repla	acements 19_89		A	Code Case		
		repaired or respin	area ana ranj	Januaria Strap					
Name of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Code		
Name of Component	Name of	Manufacturer	National Board	Other	Year	Replaced, or	Code Stamped (Yes or		
Name of Component	Name of	Manufacturer	National Board No.	Other Identification	Year	Replaced, or Replacement	Code Stamped (Yes or No)		
Name of Component	Name of	Manufacturer	National Board No.	Other Identification	Year	Replaced, or Replacement	Code Stamped (Yes or No)		
	Name of	Manufacturer	National Board No.	Other Identification	Year	Replaced, or Replacement	Stamped (Yes or No)		
Name of Component	Name of	Manufacturer	National Board No.	Other Identification	Year	Replaced, or Replacement	Code Stamped (Yes or No)		
Name of Component	Name of	Manufacturer Serial No.	National Board No.	Other Identification	Year	Replaced, or Replacement	Code Stamped (Yes or No)		
Name of Component upport	Name of Manufacturer	Manufacturer Serial No.	National Board No. N/A	Other Identification	Year	Replaced, or Replacement	Code Stamped (Yes or No)		

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

(12/82)

This form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

Applicable	Manufacturer's Data Reports	to be attached		
	geldwitz.			
We certify that the sistements and in the	CATE OF COMPLIAN	NCE		
We certify that the statements made in the report ASME Code, Section XI.		COTEPIACEMENT (10	conforms to	the rules of th
	repair	of Lebracement (
Type Code Symbol Stamp	1			
ype code bymos stamp	1			
Pertificate of Authorization No.	F	xpiration Date		
igned & Sheridan for TAV	-			A THE RESIDENCE AND ADDRESS OF THE PARTY OF
Owner or Owner's Designee, Title		Date	6/3	. 1997
or o				
AD TIPICAT	OF DICEPLACE DA			
, the service nolding a valid commission is sued by	OF INSERVICE INSP he National Board of Bo	10 0.00	Janual Income	-10 6
of Mass and employed by Arkwright N utual Ir in this Owner's Reports during the period 6.50	Co. of Waltiam, Mass.	have inspected th	e components d	s and the Stat escribed
to the best of my knowledge and belief the Comer has	performed even in all	3-27-97		and state that
Owner's Report in accordance with the continue ants of t	ASME Code, Section)	and taken correcti	ve measures de	scribed in this
By signing this certificate neither the I spection no examinations and corrective measures described in this	his employer makes any	warranty, express	ed or implied,	concerning th
examinations and corrective measures described in this shall be liable in any manner for any personal injury or inspection.	operty damage of a loss	hermore, neither th	e Inspector nor	his employer
penaction	Luci) murrando or a 1000	or any amo arising	from or conne	cted with this
Ispection.				
Mugne.				
Mugale.	ommissions MA-1420) Board, State, Province	and Fort	

(12/82)

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

	Boston Edi	on Co		Date	3,	14/9/197	
	Name						
	800 Boylston Street,	Boston MA		Sheet 1	0	2	
	Address	•		finit 1			
Plant	Pilgrim Nuclear	Power Station		Out.			
600	Rocky Hill Road, Pl	ymouth, MA 02360		Repair Org	MR 196	01060 O. No., Job No., etc.	
	Palul	_					
Work Performed by Boston Edison Co Name				**		N/A	
				Authorization No.			
600 Roc	ky Hill Road, Plym	outh MA 02360	1	Expiration Date		N/A	or or through more than the second
Identification	of System Ma	in Steam System	******				
		e_ASME III	10 68 F	dition.	Addend	la,	Code Case
(a) Applicable (b) Applicable	le Edition of Section	XI Utilized for Repe	irs or Replac	cements 19 89			
Identification	n of Components	Repaired or Replace	ed and Rep	lacement Compo	nents		
-			National			Repaired,	ASME
Name of	Name of	Manufacturer	Board	O*her	Year	Replaced, or	Code
Component	Manufacturer	Serial No.	No.	Identification	Built	Replacement	Stampe
							(Yes or No)
				B1/ 002 2/2	1006	O aboutte	Yes
Safety Relief	Target Rock	SRV Pilot Solenoid		RV-203-3B	1995	Rebuilt	1 cs
Valve		Soldinid	OF TAXABLE PARTY OF THE PARTY O			CONTRACTOR OF THE STATE OF THE	1
							+
		1 1			1		
* Sex attached	d continuation sho	et					
	d continuation sho						
Description o	of Work Replace nu	uts .	N		7		
Description of	of Work Replace nu	Pneumatic 1				or.	
Description of	of Work Replace nuted: Hydrostatic Ct	Pneumatic Pressure		_ psi Test Temp		*F ize is 8% in. x 11	in., (2) ini
. Description of Test Conduct	of Work Replace nuted: Hydrostatic Coth	Pneumatic 1	or drawings t	_ psi Test Temp	ided (1) s	ize is 8% in. x 11	in., (2) into
. Description of Test Conduct	of Work Replace nuted: Hydrostatic Coth	Pneumatic Pressure mo of lists, sketches, o	or drawings t	_ psi Test Temp	ided (1) s	ize is 8% in. x 11	in., (2) into
Description of Test Conduct OTE: Suppler	of Work Replace nuted: Hydrostatic Othernental sheets in form 6 on this report is in	Pneumatic Pressure mo of lists, sketches, o	or drawings t t, and (3) sa	_ psi Test Temp may be used, prov ch sheet is number	ided (1) s	ize is 8% in. x 11 e number of sheets	s is recorde

FORM NIS-2 (Back)

^	pplicable Manufacturer's Da	na reports to be attached	
	CERTIFICATE OF	COMPLIANCE	
We ceruify that the statements made in ASME Code, Section XI.	in the report are correct	and this repair or replacement	conforms to the rules of the
Type Code Symbol Stamp	NA		
Certificate of Authorization No.	NA	Expiration Date	
Owner o Owner's Designee	Title	Date	6/3 , 1997
I, the undersigned, holding a valid commiss of Mass and employed by Arkwright in this Owner's Reports during the period to the best of my knowledge and belief, the Owner's Report in accordance with the requirements. By signing this certificate neither the	sion issued by the Nation ght Mutual Ins. Co. of W the Owner has performed airements of the ASME (Valtham, Mass. have inspected $6-5-950$ $3-629-9$ dexaminations and taken corrected, Section XI.	the components described 7 7 and state that ective measures described in this
examinations and corrective measures designable be liable in any manner for any person inspection.	cribed in this Owner's nal injury or property da	Report. Furthermore, neithermage or a loss of any kind ari	er the Inspector nor his employer sing from or connected with this
Inspector's Signature 6-9-1997		National Board, State, Pro	ovince, and Endorsements

(12/82)

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

1. Owner	Boston Ed Name	lison Co		Date	3/2/97	***************************************	-
	800 Boylston Stree	t. Boston MA		Sheet1	of		
. Plant	Pilgrim Nucles	r Power Station		Unit1			
600		Plymouth MA 02360	2	Repair Or	MR 197	700576 O. No., Job No., etc.	
. Work Perfor	med by Bostor	For all the work and the first of the contract				N/A	
Name				Authorization No		N/A	-
600 Ro		nouth MA 02360		Expiration Date_		N/A	
Identification	on of Components	Repail od or Repla	ced and Rep	placement Comp	onents		
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)
40 1001-29B	Anchor/ Darling					Parts Replaced	No
					1		
		pressure boundary pa					

This form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

recorded at the top of this form

(12/82)

FORM NIS-2 (Back)

The state of the same

	Applicable Manufactu	rer's Data Reports to be attached		-
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				-
		~m + **/* *		
		* * * * * * * * * * * * * * * * * * * *		
	CEDTTETCATE C	F COMPLIANCE		-
We certify that the statements n		The second secon	conforms to the rules of	f the
ASME Code, Section XI.	made in the report are source	repair or eplacement	comornia to the rines (H FYE
	.11	ALAM S		
Type Code Symbol Stamp	NIA			
	11/1	and the second		
Certificate of Authorization No.	NA	Expiration Date		-
Signed R Sheridan	1	Dete Dete	6/3 .199	
Signed X Melislan	for 140	Date	6/3 199	
0 0 1 0	The second secon			
Owner or Owner's Des	signee, Title			
Owner or Owner's Des	signee, Tiuc			
Owner or Owner's Des	CERTIFICATE OF IN	SERVICE INSPECTION	32	64-4
I, the undersigned, holding a valid cor	CERTIFICATE OF IN:	onal Board of Boiler and Pressure	Vessel Inspectors and the	Stat
I, the undersigned, holding a valid cor of Mass and employed by A	CERTIFICATE OF IN: mmission issued by the Nati	onal Board of Boiler and Pressure Waltham, Mass, have inspected	the components described	
I, the undersigned, holding a valid cor	CERTIFICATE OF IN: mmission issued by the Nati rkwright Mutual Ins. Co. of	onal Board of Boiler and Pressure Waltham, Mass, have inspected to 6-5-95 to 3-29-97	the components described and state	e tha
I, the undersigned, holding a valid cor of Mass and employed by A in this Owner's Reports during the per	CERTIFICATE OF IN: mmission issued by the Nati rkwright Mutual Ins. Co. of riod ief, the Owner has perform	onal Board of Boiler and Pressure Waltham, Mass, have inspected to 6-5-9.5 to 3-29-9.2 ed examinations and taken correct	the components described and state	e tha
I, the undersigned, holding a valid cor of Mass and employed by A in this Owner's Reports during the per to the best of my knowledge and beli Owner's Report in accordance with the	CERTIFICATE OF IN: mmission issued by the Nati rkwright Mutual Ins. Co. of riod lief, the Owner has perform the requirements of the ASMI	onal Board of Boiler and Pressure Waltham, Mass, have inspected to 6-5-95 to 3-29-97 and examinations and taken correct Code, Section XI.	the components described and state tive measures described in	tha thi
I, the undersigned, holding a valid cor of Mass and employed by A in this Owner's Reports during the per to the best of my knowledge and beli Owner's Report in accordance with the By signing this certificate neither	CERTIFICATE OF IN: mmission issued by the Nati arkwright Mutual Ins. Co. of riod lief, the Owner has perform the requirements of the ASMI the Inspection nor his em	onal Board of Boiler and Pressure Waltham, Mass, have inspected to 6-5-95 to 3-29-97 and examinations and taken correct Code, Section XI.	the components described and statutive measures described in a seed or implied, concerning	than this
I, the undersigned, holding a valid cor of Mass and employed by A in this Owner's Reports during the per to the best of my knowledge and beli Owner's Report in accordance with the By signing this certificate neither examinations and corrective measure	CERTIFICATE OF IN: mmission issued by the Nati arkwright Mutual Ins. Co. of riod lief, the Owner has perform the requirements of the ASMI are the Inspection nor his em- teres described in this Owner.	onal Board of Boiler and Pressure Waltham, Mass, have inspected to 6-5-95 to 3-9-97 and examinations and taken correct Code, Section XI. ployer makes any warranty, express Report. Furthermore, neither	the components described and state tive measures described in the last or implied, concerning the Inspector nor his emp	than this
I, the undersigned, holding a valid cor of Mass and employed by A in this Owner's Reports during the per to the best of my knowledge and beli Owner's Report in accordance with the By signing this certificate neither examinations and corrective measure shall be liable in any manner for any page 1.	CERTIFICATE OF IN: mmission issued by the Nati arkwright Mutual Ins. Co. of riod lief, the Owner has perform the requirements of the ASMI are the Inspection nor his em- teres described in this Owner.	onal Board of Boiler and Pressure Waltham, Mass, have inspected to 6-5-95 to 3-9-97 and examinations and taken correct Code, Section XI. ployer makes any warranty, express Report. Furthermore, neither	the components described and state tive measures described in the last or implied, concerning the Inspector nor his emp	than this
I, the undersigned, holding a valid cor of Mass and employed by A in this Owner's Reports during the per to the best of my knowledge and belief Owner's Report in accordance with the By signing this certificate neither examinations and corrective measure shall be liable in any manner for any prinspection.	CERTIFICATE OF IN: mmission issued by the National Street Mutual Ins. Co. of priod Lief, the Owner has perform the requirements of the ASMI at the Inspection nor his empres described in this Owner personal injury or property	onal Board of Boiler and Pressure Waltham, Mass, have inspected to 6-5-95 to 3-9-97 and examinations and taken correct Code, Section XI. ployer makes any warranty, express Report. Furthermore, neither	the components described and state tive measures described in the last or implied, concerning the Inspector nor his emp	than this
I, the undersigned, holding a valid cor of Mass and employed by A in this Owner's Reports during the per to the best of my knowledge and beli Owner's Report in accordance with the By signing this certificate neither examinations and corrective measure shall be liable in any manner for any prinspection.	CERTIFICATE OF IN: mmission issued by the National Street Mutual Ins. Co. of priod Lief, the Owner has perform the requirements of the ASMI at the Inspection nor his empres described in this Owner personal injury or property	onal Board of Boiler and Pressure Waltham, Mass, have inspected to 6-5-95 to 3-29-97 ed examinations and taken correct Code, Section XI. ployer makes any warranty, express Report. Furthermore, neither damage or a loss of any kind arising the second s	the components described and state tive measures described in the Inspector nor his empiring from or connected with	than this
I, the undersigned, holding a valid cor of Mass and employed by A in this Owner's Reports during the per to the best of my knowledge and believe to the best of my knowledge and believe owner's Report in accordance with the By signing this certificate neither examinations and corrective measure shall be liable in any manner for any prinspection.	CERTIFICATE OF IN: mmission issued by the National Ins. Co. of priod Ins. Co. of priod Ins. Co. of the ASMI in the Inspection nor his empress described in this Owner's personal injury or property Commis	onal Board of Boiler and Pressure Waltham, Mass, have inspected to 6-5-95 to 3-39-97 ed examinations and taken correct Code, Section XI. ployer makes any warranty, express Report. Furthermore, neither damage or a loss of any kind arisis	the components described and state tive measures described in the Inspector nor his empiring from or connected with	than this
I, the undersigned, holding a valid cor of Mass and employed by A in this Owner's Reports during the per to the best of my knowledge and beli Owner's Report in accordance with the By signing this certificate neither examinations and corrective measure shall be liable in any manner for any prinspection.	CERTIFICATE OF IN: mmission issued by the National Ins. Co. of priod Ins. Co. of priod Ins. Co. of the ASMI in the Inspection nor his empress described in this Owner's personal injury or property Commis	onal Board of Boiler and Pressure Waltham, Mass, have inspected to 6-5-95 to 3-29-97 ed examinations and taken correct Code, Section XI. ployer makes any warranty, express Report. Furthermore, neither damage or a loss of any kind arising the second s	the components described and state tive measures described in the Inspector nor his empiring from or connected with	than this

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Jnit1	MR 1950 Inization P.C Stamp	No., Job No., etc. N/A N/A	
Repair Orga ype Code Symbol Authorization No. xpiration Date ion, ements 19_89 accement Compo Other Identification	MR 1950 Inization P.C Stamp Addend Addend The P.C Addend Addend The P.C Addend The P.C The	N/A N/A N/A N/A Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Repair Orga ype Code Symbol Authorization No. xpiration Date ion, ements 19_89 accement Compo Other Identification	StampAddend	No., Job No., etc. N/A N/A N/A Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
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order Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
order Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Other Identification	Year Built	Replacement Replacement	Code Stamped (Yes or No)
Other Identification	Year Built	Replacement Replacement	Code Stamped (Yes or No)
Identification	Built	Replacement Replacement	Code Stamped (Yes or No)
MO-1001-18A	N/A		No
			1
	-		
			-
	MINISTRA S		
P			
ľ	ng Pressure pp	s may be used, provided (

This form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

Applicable Manuf	acturer's Data Reports to be attached
CERTIFIC	CATE OF COMPLIANCE
We certify that the statements made in the report at	re correct and this conforms to the rules of the
SME Code, Section XI.	repair opreplacement
ype Code Symbol Stamp N A	
ype code Symbol Stamp	
ertificate of Authorization No. NA	Expiration Date
	Expractor Date
igned X Sheridan for TAV	Date6/3 ,1997
Owner or Owner's Designee, Title	ANTO-OCCUPANT OF THE PROPERTY
CERTIFICATE	OF INSERVICE INSPECTION
, the undersigned, holding a valid commission issued by	the National Board of Boiler and Pressure Vessel Inspectors and the State
of Mass and employed by Arkwright Mutual Ins	. Co. of Waltham, Mass. have inspected the components described
n this Owner's Reports during the period	6-5-95 to 3-24-97 and state the
o the best of my knowledge and belief, the Owner has Owner's Report in accordance with the requirements of the	performed examinations and taken corrective measures described in this
Switch a report in accordance with the requirements of the	e ASME Code, Section Al
By signing this certificate neither the Inspection nor	his employer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in this	Owner's Report. Furthermore, neither the Inspector nor his employer
shall be liable in any manner for any personal injury or p	roperty damage or a loss of any kind arising from or connected with this
inspection.	
Meerie.	Name of the Late o
Inspector's Signature	Commissions MA-1420 National Board, State, Province, and Endorsements
1 1/	THEODER LOSS IN COME, LIVIANO, BUSINESS BELIEVES
hate 6-9-1997	

Owner	Boston Edi Name	son Co		Date	3/11/9/		
	800 Boylston Street.	Boston MA	-	Sheet1	of		
Plant	Pilgrim Nuclear	Power Station	-	Unit1			
600	Rocky Hill Road, P	lymouth MA 02360		Repair Orga	MR 196	00301 O. No., Jub No., stc.	
Work Perform	ned by Boston	Edison Co	V-Carry Construence	Type Code Symbol			
600 Roc	ky Hill Road, Plym	Name outh MA 02360		Authorization No. Expiration Date		and the second	
Identification	of System RH	IR , Safety Class 2					
(a) Applicab	le Construction Cod	e_B31.1	19 67 Edi	tion,	Adden	da,	Code Case
	le Edition of Section						
Identification	on of Components	Repaired or Repla	ced and Rep	lacement Compo	nents	ALEXANDER OF THE PROPERTY AND ADDRESS OF THE PARTY OF THE	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced, or Replacement	ASME Code Stamped (Yes or No)
RHR Pipe				Weld # GB- 10-117 HL1(4)		Repair	No
Market Market Applicated Conventional Distances							
						THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	
			-				
		<u></u>					
Description o	Work Weld repa	ir RHR pipe due to	MT incication				
Test Conduct	ed: Hydrostatic D	Pneumatic No					
on in items 1	mental sheets in fo through 6 on this	rm of lists, sketche	s, or drawing	s may be used, p	rovided (1) size is 8% in :	x 11 in., (2 number o
ecorded at the t	op of this form.						
2/82)	This fo	orm (E00030) may b	e obtained fro	m the Order Dept.	ASME,	345 E. 47th St., Ne	ew York, N.

A	oplicable Manufi	acturer's Data R	eports to be attached		
			*		
	CEDTIEI	CATE OF C	OMPLIANCE		
We certify that the statements made				conforms to	the rules of the
SME Code, Section XI.			repair or eplacement		
	.)	1 .			
ype Code Symbol Stamp	N	14			
ertificate of Authorization No.	N)	IA	Expiration Date		
0 N ., 1		1		6/3	03
Owner or Owner's Designee	Title		Date	6/3	, 1997
	THE RESIDENCE OF THE PARTY.				
CE, the undersigned, holding a valid commiss			ICE INSPECTION	a Vaccal Instructor	and the State
Mass and employed by Arkwrit	ght Mutual Ins	. Co. of Walt	ham, Mass. have inspected	the components	described
in this Owner's Reports during the period to the best of my knowledge and belief, the	a Oumer has	performed as	5-95 to 3-29-9	Z	and state that
Owner's Report in accordance with the requ	irements of th	e ASME Cod	e, Section XI.	zuve measures u	escribed in this
By signing this certificate neither the	Inspection nor	his employe	r makes any warranty ever	essed or implied	concerning th
examinations and corrective measures des	cribed in this	Owner's Rey	ort. Furthermore, neithe	the Inspector ne	or his employer
shall be liable in any manner for any person inspection.	al injury or p	roperty dama	ge or a loss of any kind aris	sing from or com	nected with this
///					
1111141	(Commissions	MA-1420		
A Institute Signature	manufacture and control or an a		National Board, State, Pro	vince and Endorsen	vents

	Boston Ed	ison Co		Date	2/4/97		
والارتاء	Name 800 Boylston Street	Boston MA		Sheet1_	of	2	
	Addres			Tinit 1			
Plant	Pilgrim Nuclea Name	Power Station		UIII	and the same of th		NAVA STATE OF THE PROPERTY OF THE
600	Rocky Hill Road, P	lymouth MA 02368	2	Repair Org	MR 196 panization P.	00794 O. No., Job No., etc.	
Work Perform	ned by Boston	Edison Co	al territor de con-	Type Code Symbo	l Stamp	N/A	10.400
				Authorization No.	-	N/A	
600 Roc	ky Hill Road, Plym	outh MA 02360	251	Expiration Date	-	N/A	
lentification	of System Co	ntrol Rod Drive Uni	t				
				distant —	Addana		Code Case
) Applicable	le Construction Cod	ASME III	nairs or Repla	cements 19 89	_ Audenc	Mb, management	CALL CALO
) Appacao	ie Emidon in Section	M Outstand and Today		- canadiato			
dentification	n of Components	Repaired or Repla	ced and Rep	lacement Compo	onents		
				-			
			National	1.1.		Repaired,	ASME
Name of	Name of	Manufacturer	Board	Other	Year	Replaced, or	Code
omponent	Manufacturer	Serial No.	No.	Identification	Built	Replacement	Stamped
Angerman				CRD			(Yes or
			3 4 3	14-35			No)
				02-27			
	THE RESIDENCE OF THE PERSON NAMED IN		-	02-18	1995	Rebuilt	Yes
	Dahmilt ha			30-03	1		
	Rebuilt by						1
RD	Rebuilt by BeCo			30-15			
RD				38-47			1
RD				38-47 34-07			
RD				38-47			
RD				38-47 34-07 14-03 10-15 22-27			
RD				38-47 34-07 14-03 10-15 22-27 26-47			
RD				38-47 34-07 14-03 10-15 22-27 26-47 42-15			
RD				38-47 34-07 14-03 10-15 22-27 26-47			
	BeCo			38-47 34-07 14-03 10-15 22-27 26-47 42-15 38-08			
				38-47 34-07 14-03 10-15 22-27 26-47 42-15 38-08			
ice attached	BeCo continuation sho			38-47 34-07 14-03 10-15 22-27 26-47 42-15 38-08			
ce attached	BeCo continuation sho	CRD, replace cap so	œw.	38-47 34-07 14-03 10-15 22-27 26-47 42-15 38-08			
occ attached	BeCo Continuation sho Work Exchange (CRD, replace cap so		38-47 34-07 14-03 10-15 22-27 26-47 42-15 38-08 18-19			
See attached	BeCo Continuation sho Work Exchange (d: Hydrostatic	Pneumatic No	minal Operati	38-47 34-07 14-03 10-15 22-27 26-47 42-15 38-08 18-19			
Description of	BeCo Continuation sho Work Exchange (d: Hydrostatic Other P	Pneumatic Noressure Clays 1 leak	minal Operati	38-47 34-07 14-03 10-15 22-27 26-47 42-15 38-08 18-19	*F		
See attached	BeCo Work Exchange (Hydrostatic Other An In-service ins	Pneumatic Noressure Class 1 leak	minal Operati	38-47 34-07 14-03 10-15 22-27 26-47 42-15 38-08 18-19	mod. december.	sed in the vessel w	ith no visib
Description of	BeCo Work Exchange (ed: Hydrostatic Other An In-service ins allowed - VT-2 e	Pneumatic Norressure Class 1 leak	minal Operation of the formed of the	38-47 34-07 14-03 10-15 22-27 26-47 42-15 38-08 18-19 ing Pressure est Temp assembly CRD un	it when us		
escription of est Conducte	BeCo Work Exchange (d: Hydrostatic Other An In-service ins allowed - VT-2 enental sheets in for	Pneumatic Noressure Class 1 leak	minal Operation of the second	38-47 34-07 14-03 10-15 22-27 26-47 42-15 38-08 18-19 ing Pressure est Temp assembly CRD un strang be used, p	it when us	1) size is 81/4 in 1	(11 in., (2

	Applicable Manufactures's	Data Reports to be attached	
	CERTIFICATE (OF COMPLIANCE	
We certify that the statements mad	de in the report are correc	Commence of the commence of th	conforms to the rules of the
SME Code, Section XI.		repair or replacement	
ype Code Symbol Stamp	NIA		
ertificate of Authorization No.	NIA	Provinction Date	
A -	10 (17)	Expiration Date	
igned Thereo.	-for TAV	Date	6/3 ,1997
Owner or Owner's Design	iéé, Title		
	ATT A WEST OF A STREET		
, the undersigned, holding a valid comm	ission issued by the Natio	SERVICE INSPECTION onal Board of Boiler and Pressure 1	Jessel Inspectors and the State
Mass and employed by Arkw	vright Mutual Ins. Co. of	Waltham, Mass, have inspected th	e commonents described
n this Owner's Reports during the period o the best of my knowledge and belief,	the Owner has perform	6-5-9.5% 3-29-97	and state that
Owner's Report in accordance with the re	quirements of the ASME	Code, Section XI.	we measures described in this
By signing this certificate neither th	e Inspection nor his issue	1 august	
By signing this certificate neither the examinations and corrective measures d	escribed in this Owner's	Report. Furthermore neither t	he Inspector nor his employer
half be hable in any manner for any pers	onal injury or property d	amage or a loss of any kind arising	g from or connected with this
nspection.			
Miltall	Commiss	ions MA-1420	
Alagrave.	MARKET WARRANT CONTRACTOR OF THE PARTY OF TH		
Inspector's Signature		National Board, State, Province	e, and Endorsements

Owner	Boston Ed	ison Co		Date	2/31/97		
	Name				-6		
	800 Boylston Street	Boston MA					
Plant	Pilgrim Nuclea	Power Station		Unit1			
600		lymouth, MA 02360)	MR 1970	000296 &	& 19600577 O. No., Job No., etc.	a construction and a service
and the second s	Add	ros		Kepan On	gazitzetanis s .	O. 110, 100 1111	
Work Perform	ned by Boston	Edison Co				N/A	
44 00 W 2 mg soms	opera of commenced to the trade of the	Namo		Authorization No.		N/A	
600 Rox	ky Hill Road, Plyn	nouth MA 02360		Expiration Date	-	N/A	
Identification		circulation System	***	*			
						8	Code Case
(a) Applicab	le Construction Coc	ie ASME III 1 n XI Utilized for Rep	pairs or Renla	cements 19 89			
(b) Applicat	ole Edition of Section	M AI CHILDEN IOI MA	can a mayor	and the second			
		Descriped or Deple	and and Der	Jacement Comp	onents		
Identification	on of Components	Repaired or Repla	ran ann rai	nacement comp	-		
CONTRACTOR LANGUAGE CONTRACTOR OF THE SECOND CO.	****		proposition and arrange party artifacts for				400.00
			National		1	Repaired,	ASME
Name of	Name of	Manufacturer	Board	Other	Year	Replaced, or	
Component	Manufacturer	Serial No.	No.	Identification	Built	Replacement	Stamped
				har beginning			(Yes or
							No)
Recirc. Pump	Bryon Jackson	Pump 201 A		Decon		Replacement	No
and a samp		and B		Flange			-
		AND DESCRIPTION OF STREET					
	THE PERSON NAMED IN COLUMN 2 I					A CONTRACTOR OF THE PARTY OF TH	1
					-		
	гт				12		
201 - 201 - ANDRES	de seus anno minera commence de C. commence						
Description	of Work Replace d	econ flange studs and	d nuts.	-		*	
Test Conduc	ted: Hydrostatic	Pneumatic D No	minal Operat	ing Pressure			
. Teat Collique							
	Other U	Pressure	asi iestien	Ψ			
1077	montal about in C	orm of lists, sketche	o or drawin	se may be need	provided (1) size is 8% in	x 11 in (
OIE: Supple	through 6 on this	s report is included	on each she	et and (3) each	sheet is	numbered and the	number o
	top of this form.	report is included	OU CONTENTS	er, and (3) cach	ation 10	the same of the same of	
corded at the	top of this form.						
						345 E 47th St N.	

Remarks Refer to FRN 96-01-158 a	Applicable Manufacturer's De	ta Reports to be attached	
	CERTIFICATE OF CO	MPLIANCE	The second and
We certify that the statements made in		CONTRACTOR OF THE PARTY OF THE	conforms to the rules of the
SME Code, Section XI.		repair or eplacement	THE PARTY OF THE P
	V.1.		salita
ype Code Symbol Stamp	NA		
	17/10		
ertificate of Authorization No.	NIA	Expiration Date	
igned & Sheridan	6 TAV	Date	6/3 .1997
Owner or Owner's Designee,	Title		125
	RTIFICATE OF INSERVI		THE PART OF THE PA
, the undersigned, holding a valid commission of Mass and employed by Arkwrig			
n this Owner's Reports during the period			
o the best of my knowledge and belief, the	Owner has performed exa	minations and taken corre	ctive measures described in this
Owner's Report in accordance with the requi	rements of the ASME Code,	Section XI.	
By signing this certificate neither the I	aspection nor his employer	nakes any warranty, expre	essed or implied, concerning th
xaminations and corrective measures desc			
hall be liable in any manner for any persons aspection.	I injury or property damage	or a loss of any kind aris	ing from or connected with this
Alua 1			
Mospector's Signature	Commissions	MA-1420 National Board, State, Prov	rines and Endomenants
//		National Doard, State, Prov	HEAL, MINI CARRONNELINGERS
ate 6-9-1997	NAME OF TAXABLE PROPERTY O	THE RESIDENCE OF THE PARTY OF T	

	Boston E Nan	Edison Co		Date			
	800 Boylston Stre	et Boston MA		Sheet1	of		
Plant	Pilgrim Nucle	ear Power Station		Unit1_			
		Plymouth MA 0236	60		MR 196	502410	
60		Idress	Mananana	Repair Or	ganization P	O. No., Job No., etc.	
Work Perfo	rmed by Willi	ams Power	- V No. 10			N/A	
		Name		Authorization No	,	N/A	
		dress		Expiration Date		N/A	
		uhr.				and the second of the second o	
Identificati	ion of Component	s Repaired or Repla	1	placement Comp	onents		Τ
	T	Manufacturer	National Board	Other	Year	Repaired, Replaced, or	ASME Code
Name of Component	Name of Manufacturer	Serial No.	No.	Identification	Built	Replacement	
Name of Component		Serial No.	No.	Identification	Built	Replacement	(Yes or No)
Component		ADV	No.		Built	SECOND SE	(Yes or
	Manufacturer		No.	Identification	Built	Replaced (PHRS's)	No)
Component	Manufacturer	ADV	No.		Built	Replaced	(Yes or No)
Component	Manufacturer Anchor/Darling	ADV #W'9324070	No.		Built	Replaced	(Yes or No)
Component	Manufacturer Anchor/Darling	ADV #W'9324070	No.		Built	Replaced	(Yes or No)
Component	Manufacturer Anchor/Darling	ADV #W'9324070	No.		Built	Replaced	(Yes or No)
Component neck Valve	Manufacturer Anchor/Darling	ADV #W'9324070			Built	Replaced	(Yes or No)
Component neck Valve	Manufacturer Anchor/Darling	ADV #W9324070			Built	Replaced	(Yes or No)
Description	Manufacturer Anchor/Darling of Work Replace of	ADV #W9324070	ole Nominal Op	1001-2 A/C		Replaced	(Yes or No)
Description	Manufacturer Anchor/Darling of Work Replace of the Hydrostatic	ADV #W9324070 theck valves and nipr	ole Nominal Op	1001-2 A/C		Replaced	(Yes or No)
Description Test Condac	Manufacturer Anchor/Darling of Work Replace of ted: Hydrostatic Other Content of the content o	ADV #W9324070 theck valves and nipr	Nominal Op_psi Test Te	erating Pressure [mp	provided (Replaced (PHRSS).	(Yes or No) No X 11 in., (2

Remarks FRN 97-01-13.	Applicable Manufacturer's Data	Reports to be attached	
	CERTIFICATE OF COM	PLIANCE	
We certify that the statements made in t	he report are correct and th		conforms to the rules of the
SME Code, Section XI.		repair or replacement	
ype Code Symbol Stamp	A	*	
		Y	
Certificate of Authorization No.	4	Expiration Date	
igned R Sheridan for	TAV	Date	6/3 , 1997
Owner or Owner's Designee, T	itle	Charles of the Particular Charles I Household Charles	OR THE PERSON NAMED IN COMPANIES
	T AAS IN AND THE PART OF THE P	na na marana na mara	
CER	TIFICATE OF INSERVI	CE INSPECTION	the could recommend the state of the commend out about 1000 the could be considered than a state of
I, the undersigned, holding a valid commission			
of Mass and employed by Arkwright			
in this Owner's Reports during the period to the best of my knowledge and belief, the	Owner has performed exar	ninations and taken correct	ive measures described in this
Owner's Report in accordance with the require	ments of the ASME Code,	Section XI.	
By signing this certificate neither the In-			
examinations and corrective measures descri shall be liable in any manner for any personal			
inspection.	injury or property damage	OI E 1000 OI MAY KARO MININ	& nom or connected with this
Alaca			
By goz-	Commissions		1 F-1
Inspector's Signature		National Board, State, Provin	ce, and endorrements
Date 6-9-1997			

	Boston Ed	ison Co	name and	Date	5/30/96		
	800 Boylston Street	Boston MA	-	Sheet1	of	1	
Plant		r Power Station		Unit1			
600	Rocky Hill Road, P	lymouth, MA 0236	0	Repair Org	MR 196	01057 O. No., Job No., etc.	
. Work Perform	med by Bostor	Edison Co Name		Type Code Symbo Authorization No	Stamp_	N/A N/A	
600 Ro	cky Hill Road, Plyn	nouth, MA 02360	-	Expiration Date	MAN A VALUE AND ADDRESS OF THE SECOND	N/A	
(b) Applical	ble Edition of Section	le_ASME III n XI Utilized for Re Repaired or Repla	pairs or Keph	acements 19_89		da,	Code Case
	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced, or	ASME Code
Name of Component	Manufacturer	Serial No.	No.	Identification	Built	Replacement	Stamped
Component	A 100000 7 100	Serial No. BK 6309	No.	RV-203-4A	Built 1995	Replacement	Stamped (Yes or
Component Safety Relief	Manufacturer		No.				Stamped (Yes or No)
Component Safety Relief	Manufacturer		No.				Stamped (Yes or No)

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

This form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017 (12/82)

Remarks	Applicable Manufacturer's Data F	eports to be attached	
	CERTIFICATE OF C	The second secon	
We certify that the statements mad	de in the report are correct and		conforms to the rules of the
ASME Code, Section XI.		repair or eplacement	
	/		
Type Code Symbol Stamp	NIA		
	1)]4	The second secon	The state of the s
Certificate of Authorization No.	NA	Expiration Date	
Signed & Sherifa	1	Date	6/3 .1997
Owner or Owner's Design	nee Title	Date	6/3 , 197/
	,		
	CERTIFICATE OF INSER		V17
I, the undersigned, holding a valid comm of <u>Mass</u> and employed by <u>Arky</u>	wright Mutual Ins. Co. of Wal	ham. Mass. have inspected t	he components described
in this Owner's Reports during the period	d	5-95 to 3-29-97	and state that
to the best of my knowledge and belief,	, the Owner has performed ex	caminations and taken correc	tive measures described in this
Owner's Report in accordance with the re-	equirements of the ASME Cox	le, Section XI.	
By signing this certificate neither th	he Inspection nor his employe	r makes any warranty, expre	ssed or implied, concerning th
examinations and corrective measures of	described in this Owner's Re	port. Furthermore, neither	the Inspector nor his employer
shall be liable in any manner for any per-	rsonal injury or property dama	ge or a loss of any kind arisi	ng from or connected with this
inspection.			
MARY.	Commissions	MA-1420	
Just Signature	Commissions	MA-1420 National Board, State, Provi	mce, and Endorsements

	Boston Edison Co			Date	5/13/9	7			
800 Boylston Street, Boston MA Address				Sheet1_	of	1			
Plant	Pilgrim Nuclear	Power Station	Magazine e	Unit1					
600 P	ocky Hill Road, Ply	mouth, MA 02360		MR 195001788 Repair Organization P.O. No., Job No., etc.					
Work Performe	Addre	Name Services Inc		Type Code Symbol Authorization No. Expiration Date		N/A			
(a) Applicable (b) Applicable	Construction Code Edition of Section	B31.1 19 XI Utilized for Repo		ements 19_89	Addenda,		_ Code Case		
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				1997	Repair	No		
pport at Valve	BeCo						110		
	BeCo								

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

(12/82)

This form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

Remarks	
Applicab	ole Manufacturer's Data Reports to be ettached
CRDT	THE ATT OF COMMITTANCE
We certify that the statements made in the report	rt are correct and this conforms to the rules of the
SME Code, Section XI.	repair or replacement
11.	
Type Code Symbol Stamp	
4)//4	
Certificate of Authorization No.	Expiration Date
Signed & Sheridan for TAV	Date 6/3 .1997
Owner or Owner's Designee, Title	TO STATE AND ADDRESS OF THE PARTY OF THE PAR
CERTIFICA	TE OF INSERVICE INSPECTION
	by the National Board of Boiler and Pressure Vessel Inspectors and the State
of Mass and employed by Arkwright Mutual	Ins. Co. of Waltham, Mass. have inspected the components described
in this Owner's Reports during the period	6-5-95 to 3-19-97 and state that has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of	ias performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of	il the Asiate Code, section Al.
By signing this certificate neither the Inspection	nor his employer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in the	his Owner's Report. Furthermore, neither the Inspector nor his employer
	or property damage or a loss of any kind arising from or connected with this
inspection.	
MARIE.	Commissions MA-1420
// Inspector's Signsture	National Board, State, Province, and Endorsements
Date 6-9- 1997	
Date 6-9-197/	

(12/31)

	Name						
	800 Boylston Street	Boston MA	-	Sheet1	of	1	and the second
in the second	Addres	Power Station		Unit1		and the same of th	
Plant	Name	1000			MR 195	01015	
600	Rocity Hill Road, P	lymouth MA 02360	2	Repair Orga	enization P.O	O. No., Job No., etc.	
		n		Type Code Symbol	Stamp	N/A	
Work Performed by Boston Edison Co				Authorization No.		N/A	
600 Ro	cky Hill Road, Plyn	outh, MA 02360		Expiration Date		N/A	
		sidual Heat Remove	ıl				
identification	The fall and the state of the s			Samuel Control of the	Addend	a	Code Case
(a) Applical	ole Construction Co	de_ANSI B31.1 1	9 67 Edition	coments 19 89	_ Aunous		
(b) Applical	ble Edition of Section	n XI Utilized for Re	pairs of Repla	Additions 17			
		Denied or Denie	and and Ret	lacement Compo	onents		
Identificati	on of Components	Repaired or Repla	aced and res	mount are a			
			T				400.00
			National		Year	Repaired, Replaced, or	ASME Code
Name of	Name of	Manufacturer	Board	Other Identification	Built	Replacement	Stampe
omponent	Manufacturer	Serial No.	No.	IGENU. IOAGON	Dan.		(Yes or
				4-1-			No)
G			N/A	H10-1-50SH		Repair	N/A
Support					-		+
had a grant and a				1512 411			
		0.3					
- Comment of Comment			-		1		1
	1			I de la comi	130		
	-CTV Add at 66	ner plates between f	langes of supp	lementary support	beam.		
Description	of Mork Von some	ICI PIARS CAMBOULE	A THE REAL PROPERTY AND ADDRESS OF THE PARTY A				
Test Condu	cted: Hydrostatic	Pneumatic N	Iominal Opera	ting Pressure			
	Orb []	Pressure	psi Test Ter	np			
1 cst Conon	Chher						
						(1) sine in OH in	v 11 in
		form of lists, sketch is report is included	an denver	as may be used	provided	(1) size is 8% in.	x 11 in.,

(12/82)

This form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

Remarks			
Applicable Manufacturer	r's Data Reports to be attached		The Contract of the Contract o
			-
CERTIFICATE OF	COMPLIANCE		
We certify that the statements made in the report are correct a		conforms to	the rules of the
SME Code, Section XI.	repair or eplacemers	-1	
. 1			
Type Code Symbol Stamp			
Certificate of Authorization No. NA	Expiration Date		
DN .,	ALIO		
light A thereday for TAV	Date	6/3	, 1997
Owner or Owner's Designee, Title			
CERTIFICATE OF INSE			
CERTIFICATE OF INSE I, the undersigned, holding a valid commission issued by the National	RVICE INSPECTION	M11	1.0
Mass and employed by Arkwright Mutual Ins. Co. of W.	altham. Mass have inspected	the components	described
in this Owner's Reports during the period to the best of my knowledge and belief, the Owner has performed	-5-950 3-29-9	7	and state that
to the best of my knowledge and belief, the Owner has performed	examinations and taken correct	ctive measures d	escribed in this
Owner's Report in accordance with the requirements of the ASME C	ode, Section XI.		
By signing this certificate neither the Inspection nor his employee	ver makes any mercenty	need on involved	
examinations and corrective measures described in this Owner's R	enort. Furthermore neither	the Inspector no	concerning th
hall be liable in any manner for any personal injury or property dan	nage or a loss of any kind arisi	ing from or conn	ected with this
nspection.			
March.			
// // Commission	MA-1420 National Board, State, Provi	ince and Factorian	ent
	Transcent Lines to, State, 1104	une, and Lawrence	NELSO .
Le 6-9-1997			

. Owner	wner Boston Edison Co			Date	1/24/96			
	800 Boylston Street, Boston MA			Sheet1	of			
Diant		r Power Station		Unit 1				
Plant	Name			Unit1				
600 Rocky Hill Road, Plymouth, MA 02360			0	Ropair Org	MR 195	03321 O. No., Job No., etc.		
Work Performed by Boston Edison Co				Type Code Symbol Stamp N/A				
Name								
600 Roc	600 Rocky Hill Road, Plymouth, MA 02360			Expiration Date		N/A		
. Identification	of System Ro	CIC				and the same of th		
			10 CR TILL	-	Addan	ia,	Code Case	
(a) Applicab	le Construction Cox	de ANSI B31.1 on XI Utilized for Re	pairs or Repla	n, scements 19 89	Adden	M,	Couc Casi	
(v) Applicato	ie raidon of Secut	II AI OIIIZAA KA NO	batta or respir	and a second				
Identificado	on of Components	Repaired or Repla	aced and Rep	placement Comp	onents			
Name of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced, or	ASME Code	
Component	Manufacturer	Serial No.	No.	Identification	Built	Replacement	Stampe (Yes o	
							No)	
CIC Rupture Disc	E&B	*DV*		PSD 1301-9	1995	Replace	No	
		1				PER SCHOOL SERVICES SHOWN TO SERVICE SERVICES SE	NAME AND ADDRESS OF THE OWNER, WHEN	
			-		+		+	
		1				THE RESERVE OF THE PARTY OF THE		
. Description of	of Work Replace I	RCIC rupture disc. P	SD 1301-9 w	ith an in proved de	sign per F	RN 95-03-157.		
. Test Conduc	Personal Personal	Pneumatic	Nominal Of	perating Pressure	X			
	Other	Pressure	_psi Test T	emp				
NOTE: Supple	mental sheets in f	form of lists, sketch	es, or drawir	ngs may be used.	provided ((1) size is 81/2 in.	x 11 in.,	
ion in items 1	through 6 on thi	s report is included	on each sh	eet, and (3) each	sheet is	numbered and the	e number	
ecorded at the	top of this form.							
(12/82)	This	form (E00030) may	be obtained fr	rom the Order Dep	L, ASME,	345 E. 47th St., N	ew York,	

Applica	57. Rupture Disc meets ASME Section III Class-I burst test certification and sectors are sectors and sectors and sectors and sectors are sectors and sectors are sectors and sectors are sectors and sectors are sectors and sectors are sectors and sectors and sectors are sectors are sectors are sectors and sectors are sectors are sectors are sectors are sectors are sectors and sectors are sectors and sectors are s
CERT	TFICATE OF COMPLIANCE
We certify that the statements made in the repo SME Code, Section XI.	ort are correct and this conforms to the rules of the
1	1420
ype Code Symbol Stamp	1
ertificate of Authorization No.	Expiration Date
Owner or Owner's Designee, Title	Date 6/3 , 1997
I, the undersigned, holding a valid commission issued of Mass and employed by Arkwright Mutual in this Owner's Reports during the period to the best of my knowledge and belief, the Owner Owner's Report in accordance with the requirements of By signing this certificate neither the Inspection	n nor his employer makes any warranty, expressed or implied, concerning the
shall be liable in any manner for any personal injury of inspection.	this Owner's Report. Furthermore, neither the Inspector nor his employer or property damage or a loss of any kind arising from or connected with this Commissions MA-1420
Inspector's Signature	National Board, State, Province, and Endorsements
Date 6-9-1997	

	Name	Barrier Char		Date	3/14/9		
	800 Boylston Street, Boston MA Address		-	Sheet1	of_	1	
Plant Pilgrim Nuclear Power Station Name 600 Rocky Hill Road, Plymouth, MA 02360				Unit1			
			0	MR 19600734 Repair Organization P.O. No., Job No., etc.			
	Add	LTD86		Repair Org	anization !	P.O. No., Joe No., etc.	
Work Performed by Boston Edison Co				Type Code Symbo	l Stamp	N/A	
				Authorization No.			
600 Ro		nouth MA 02360	MARKET PROPERTY.	Expiration Date		N/A	
Identification		ain Steam					
	,					40.000000000000000000000000000000000000	
(a) Applicab	le Construction Co	de_ASME III on XI Utilized for Re	19 68 Edi	ition_S 1970	_ Adde	nda,	Code Cas
(v) Applicat	ALL LAUTION OF BECOM	a an ounted the No	here a seeke	17, 37			
Identification	on of Components	Repaired or Repla	aced and Rep	lacement Comp	onents		
	•			,		P	
			National			Repaired,	ASME
Name of	Name of	Manufacturer	Board	Other	Year	Replaced, or	Code
	10.100000000000000000000000000000000000	Serial No.	No.	Identification	Built	Replacement	Stampe
	Manufacturer						1 49.8
	Manufacturer				1		
	Manufacturer						No)
Component SRV	Manufacturer Target Rock	117		Main Stage	1968	Replace	
SRV		117		Main Stage (SRV)	1968	/PARTS- SEE	No)
SRV		117			1968		No)
SRV		117			1968	/PARTS- SEE	No)
SRV		117			1968	/PARTS- SEE	No)
SRV		117			1968	/PARTS- SEE	
SRV		117			1968	/PARTS- SEE	No)
SRV		117			1968	/PARTS- SEE	No)
SRV RV-203-3C	Target Rock				1968	/PARTS- SEE	No)
SRV RV-203-3C					1968	/PARTS- SEE	No)
SRV RV-203-3C	Target Rock of Work Replace n		ominal Operat	(SRV)	1968	/PARTS- SEE	No)
SRV RV-203-3C	Target Rock of Work Replace n	uts.		ing Pressure	1968	/PARTS- SEE	No)
SRV RV-203-3C Description of	of Work Replace n	Pressure No	psi Test Tem	ing Pressure []		(PARTS-SEE Hen. # 9)	No) Yes
SRV RV-203-3C Description of Test Conductor C	of Work Replace noted: Hydrostatic Other Other of the content of t	Pressure No	psi Test Tem es, or drawing	ing Pressure p*F	provided	(1) size is 81/4 in. x	No) Yes
SRV RV-203-3C Description of Test Conductor in items 1	of Work Replace noted: Hydrostatic Other Other of the content of t	Pressure No	psi Test Tem es, or drawing	ing Pressure p*F	provided	(PARTS-SEE Hen. # 9)	No) Yes

	Applicable Manufacturer's Data R	supplied by BeCo. Reports to be attached	
	CERTIFICATE OF COME		
We certify that the statements mad ASME Code, Section XI.	e in the report are correct and this	repair or replacement	_ conforms to the rules of the
Type Code Symbol Stamp	NA		
Certificate of Authorization No.	NIA	Expiration Date	
Signed Sheridan Owner or Owner's Design	ce, Title	Date	6/3 1997
I, the undersigned, holding a valid commit of Mass and employed by Arkw in this Owner's Reports during the period to the best of my knowledge and belief, Owner's Report in accordance with the re-	the Owner has performed examin	d of Boiler and Pressure Mass have inspected the 3-29-9 nations and taken correct	e components described and state that
By signing this certificate neither the examinations and corrective measures dishall be liable in any manner for any personnection.	escribed in this Owner's Report.	Furthermore, neither to a loss of any kind arising	he Inspector nor his employer
// Impoctor's Signature	Commissions _M	National Board, State, Provin	ne and Endorsoments

Owner	Boston Edis	on Co		Date	4/11/95			
8		Boston MA	s	heet1_	of	1		
Plant	Sur i N. I. Bourn Station			Unit1				
600]	Rocky Hill Road, Ply	mouth MA 02360		Repair Orga	MR 1950)1162 No., Job No., etc.		
	Addre	•						
Work Performed by Boston Edison Co			and the latest and th	ype Code Symbol				
400 D - 1	cy Hill Road, Plymo	Name		authorization No xpiration Date		Colonia de Caración de Caració		
600 Roci	Addre	SES						
Identification	of System Fee	dwater				a,	Code Case	
(b) Applicable	le Edition of Section	XI Utilized for Repa	urs or Replac	Cincins 17	nents			
Identificatio	on of Components	Repaired or Replac	eu anu repi	acement Compo	,		-	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Code Stampe	
Name of	Name of	Manufacturer	National Board	Other	Year	Replaced, or Replacement	Code Stampe (Yes or No)	
Name of Component H6-1-SS2A	Name of	Manufacturer	National Board	Other	Year	Replacement Replacement	Stampe (Yes or No)	
Name of Component	Name of	Manufacturer	National Board	Other	Year	Replaced, or Replacement	Code Stampe (Yes or No)	
Name of Component H6-1-SS2A Snubber	Name of	Manufacturer	National Board	Other	Year	Replacement Replacement	Code Stampe (Yes or No)	
Name of Component H6-1-SS2A Snubber	Name of	Manufacturer	National Board	Other	Year	Replacement Replacement	Code Stampe (Yes or No)	
Name of Component H6-1-SS2A Snubber	Name of	Manufacturer	National Board	Other	Year	Replacement Replacement	Code Stampe (Yes or No)	

Remarks Applicable Manufacture	r's Data Reports to be attached
CERTIFICATE	OF COMPLIANCE
We certify that the statements made in the report are con	the contract of the contract o
ASME Code, Section XI.	repeir of replacement
11	
Type Code Symbol Stamp	
Certificate of Authorization No.	Expiration Date
	ACCUS TO THE PROPERTY OF THE P
ligned & Sheridan for TAV	Date 6/3 .1997
Owner or Owner's Designee, Title	The same of the sa
CERTIFICATE OF I	NSERVICE INSPECTION
t, the undersigned, holding a valid commission issued by the Na	ational Board of Boiler and Pressure Vessel Inspectors and the State
of Mass and employed by Arkwright Mutual Ins. Co. of this Owner's Reports during the period	by Wartham, Mass. have inspected the components described 6-5-95 to 3-29-97 and state tha
and other har allow longe and better, the Owner has bellow	med examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASN	AE Code, Section XI.
Providente della contra di la c	
by signing this certificate neither the Inspection nor his en	imployer makes any warranty, expressed or implied, concerning the
shall be liable in any manner for any personal injury or property	r's Report. Furthermore, neither the Inspector nor his employer
nspection.	y damage or a loss of any kind arising from or connected with this
and the state of t	
Man 1	
Man 1	ssions MA-1420
A PSW . Commi	Serions MA-1420 National Board, State, Province, and Endorsements

Pener Boston Edison Co Name					of	,		
8	00 Boylston Street,	Boston MA	and the same of th	Sheet of				
Plant	Pilgrim Nuclear	Power Station	1					
600	Rocky Hill Road, Pl	ymouth, MA 02360		Repair Orga	MR 1960 nization P.O	0461 No., Job No., etc.		
Work Performed by Boston Edison Co			DAMPHOODIST!	Type Code Symbol Stamp N/A				
600 Rocky Hill Road, Plymouth, MA 02360			i	Authorization No. N/A Expiration Date N/A				
Identification		0-1400-4A, Core Spr	By, S.C.2					
(a) Applicab	le Construction Cod le Edition of Section	e_ANSI B31.1 19_0 n XI Utilized for Rep Repaired or Repla	and or respon	cements 19_89	Addenda,		Code Case	
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)	
					1970	Replace Bolting	No	
Valve	1		-	The second residence of the second second second	1	E P of the same of		
Valve O-1400-4A			1	1				
A. W. C. C.					+	The second section is the second second second		
Valve (O-1400-4A								

Remarks Bolting replaced Applicable Manufacturer's Da	ata Reports to be attached
	*
CERTIFICATE OF CC We certify that the statements made in the report are correct and	
ASME Code, Section XI.	repair or replacement conforms to the rules of the
Type Code Symbol Stamp N	
Certificate of Authorization No. DIA	Expiration Date
Owner or Owner's Designee, Title	Date 6/3 .1997
the undersigned, holding a valid commission issued by the National Boof Mais and employed by Arkwright Mutual Ins. Co. of Walth	oard of Boiler and Pressure Vessel Inspectors and the State
in this Owner's Reports during the period 6 - to the best of my knowledge and belief, the Owner has performed example of the ASME Code, when the contract of the ASME Code,	minations and taken corrective measures described in this , Section XI.
By signing this certificate neither the Inspection nor his employer recommendations and corrective measures described in this Owner's Reportable beliable in any manner for any personal injury or property damage inspection.	rt. Furthermore, neither the Inspector nor his employer
Anapector's Signeth 2	MA-1420 National Board, State, Province, and Endorsements
Date	reducing board, state, Province, and Endorsements

Owner	Boston Ed	ison Co		Date	5/16/97		
800 Boylston Street, Boston MA				Sheet 1	of	1	
Plant	Pilgrim Nuclea	r Power Station		Unit1			
600	Rocky Hill Road, P		0	MR 196 Repair Org	500 312 &	0. No., Job No. 2.	
Work Perfor	med by Boston E	dison Co and	-			N/A N/A	
	Welding	Services Inc					
(b) Applical	ble Construction Coo ble Edition of Section on of Components	n XI Utilized for Re	pairs or Repla	cements 19_89	Addend		Code Cas
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	ि त Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	CDAI	G 1403		Penetration X-212		Repaired	No
Torus	CB&I		AND DESCRIPTIONS OF THE PARTY OF	COMMUNICATION OF THE PARTY OF T		Repaired	No
Torus	CB&I	G 1403		Penetration X-214			1
The state of the s		G 1403		1		Repaired	No
Torus	CB&I			X-214 Penetration		Repaired Repaired	No No
Torus Torus Torus Description	CB&I	G 1403 G 1403 n of strainers requires		X-214 Penetration X-215 Penetration X-218 e modification by	welding		

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% in. x 11, (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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*Code Edition per NUREG-0661 and MK 1 containment program.

Original construction code is ASME III Class B 1965 edition through June 9, 1967 Addenda.

App	0811, and PDC 96-32. RT examination of welds performed plicable Manufacturer's Data Reports to be attached
	RTIFICATE OF COMPLIANCE
We certify that the statements made in the r ASME Code, Section XI.	repair of replacement conforms to the rules of the
Type Code Symbol Stamp NA	
ertificate of Authorization No. NI A	Expiration Date
owner or Owner's Designee, Title	AV Date 6/3 ,1997
I, the undersigned, holding a valid commission issof Mass and employed by Arkwright Mu	ICATE OF INSERVICE INSPECTION used by the National Board of Boiler and Pressure Vessel Inspectors and the State tual Ins. Co. of Waltham, Mass. have inspected the components described 4-5-3-to 3-29-97 and state that ner has performed examinations and taken corrective measures described in this nts of the ASME Code, Section XI.
examinations and exective measures described	tion nor his employer makes any warranty, expressed or implied, concerning the in this Owner's Report. Furthermore, neither the Inspector nor his employer makes are property damage or a loss of any kind arising from or connected with this Commissions MA-1420
Date 6-9-1997	National Board, State, Province, and Endorsements

Owner	Boston Edi	son Co		Date	10/22/9	6	
	300 Boylston Street	Boston MA		Sheetl	of	1	
Plant		Power Station		Unit1			
600	Rocky Hill Road, Pl	vmouth, MA 02360		Repair Orga	MR 190 anization P	600807 .O. No., Job No., etc.	MALANIAN AND SOUTH AND
Work Pen'ons	ned by Boston	Edison Co		Type Code Symbol	Stamp_		
** *** ** *** *** *** *** *** *** ***	are of management , comme	Name		Authorization No.			
600 Roc	ky Hill Roud, Plym	outh, MA 02360		Expiration Date		N/A	-
		XI Utilized for Rep Repaired or Repla			enents		
Name of Component	Name of Manufacturer	Manuacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced, Replaced, or Replacement	ASME Code Stampe (Yes or No)
MSIV	Atwood &			AO-203-2C	1982	Replace	Yes
	Morrill		THE PROPERTY OF THE PROPERTY O			(1EM#9)	
				A STATE OF THE STA			
Description o	Work Replace po	propet assembly.				A CONTRACTOR OF THE PROPERTY O	1
Property County		Pneumatic No	ominal Operati	ing Pressure			
Test Conduct		a district and district and district					
Test Conduct		ressure	osi Test Tem	p. *F			

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Renurs Replace poppet assembly wit	th new assembly supplied by Atwood & Morrill. Replaced packing with live load
	represent Manufacturer's Lista Reports to be attached
tyle, cur and capped packing leak off-line	
We certify that the statements and a	CERTIFICATE OF COMPLIANCE
We certify that the statements made in ASME Code, Section XI.	The same of the sa
annie oose, beeden A.	repair or eplacement
Type Code Symbol Stamp	A
The same of most princip	
Certificate of Authorization No.	A Familian Date
	Expiration Date
Signed & Shouldan	for TAV Date 6/3 1997
Owner or Owner's Designee	Date 6/3 , 1997
he undersigned, holding a valid commission	issued by the National Board of Boiler and Pressure Vessel Inspectors and the State
in this Owner's Reports during the period	ght Mutual Ins. Co. of Waltham, Mass. have inspected the components described
to the best of my knowledge and belief the	6-5-95 to 3-29-97 and state that the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requi	irements of the ASMF Code Section XI
	and the state of t
By signing this certificate neither the 1	Inspection nor his employer makes any warranty, expressed or implied, concerning the
examinations and corrective measures desc	cribed in this Owner's Report. Furthermore, neither the Inspector nor his employer
shall be liable in any manner for any person	al injury or property damage or a loss of any kind arising from or connected with this
inspection. // /	the contract of the second bull between the contract of the co
Moder	
Anspector's Signature	Commissions MA-1420
1. 1	National Board, State, Province, and Endorsements
Date 6-9- 1997	

I. Owner	vner Boston Edison Co			Date	5/14/96		
	800 Boylston Street, Boston MA			Sheet	of		
2. Plant	Pilgrim Nuclea	r Power Station	-	Unit1			
600	Rocky Hill Road, P	lymouth, MA 0236	0	Repair Org	MR 196	01061 O. No., Job No., etc.	
3. Work Perfor	med by Boston	Edison Co Name		Authorization No.			
600 Ro	cky Hill Road, Plyn	nouth MA 02360		Expiration Date		N/A	
(b) Applical	ble Construction Cod ble Edition of Section on of Components	n XI Utilized for Re	pairs or Repla	cements 19_69		ia,	Code Case
-		AND THE RESIDENCE OF THE PARTY	T	T	T T		7
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Code
			Board	100 100 100		Replaced, or	Code Stamper (Yes or
Component SRV Pilot	Manufacturer		Board	Identification		Replaced, or Replacement	Stamped (Yes or No)
SRV Pilot Main Stage	Manufacturer	Serial No.	Board	Identification		Replaced, or Replacement	Code Stamped (Yes or No)

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

(12/82)

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Remarks Ap	plicable Manufacturer's Data R	eports to be attached	
	CERTIFICATE OF C	AT A COURT OF THE PARTY OF THE	
We certify that the statements made in ASME Code, Section XI.	the report are correct and	repair op replacement	conforms to the rules of the
Type Code Symbol Stamp	4	,	
Certificate of Authorization No.	A	Expiration Date	The second secon
signed R Sheridan		Date	6/3 ,1997
Owner or Owner's Designee,	Title		
I, the undersigned, holding a valid commission Mass and employed by Arkwrig in this Owner's Reports during the period to the best of my knowledge and belief, the Owner's Report in accordance with the requi	ht Mutual Ins. Co. of Walt 6-5 Cowner has performed ex	Board of Boiler and Pressure ham, Mass. have inspected the ham and taken correct taken taken correct taken t	he components described
By signing this certificate neither the I examinations and corrective measures descishable be liable in any manner for any personal inspection.	ribed in this Owner's Rep	port. Furth ermore, neither ge or a loss of any kind arisin	the Inspector nor his employer
Inspector's Signature 6-9-1997		National Board, State, Provis	ace, and Endorsements

. Owner	Boston Ed Name	ison Co		Date	2/24/9	7	-	
	800 Boylston Street, Boston MA		-	Sheetof1				
Plant	Pilgrim Nuclea	r Power Station		Unit1			and the second second	
60	X Rocky Hill Road, P	lymouth MA 0236	0	Repair Or	MR P94	01325 P.O. No., Job No., etc.	-	
. Work Perfo	ormed by Boston	Edison Co		Type Code Symbo	l Stamp	N/A		
770121011	-	Name		Authorization No.				
600 R	ocky Hill Road, Plym	nouth MA 02360	-	Expiration Date_		N/A		
	able Edition of Section				onents		T	
	1		1	1	1			
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced, Replaced, or Replacement	Code	
Component			Board			Replaced, or	Code Stampe (Yes or	
RHR LPCI Injection	Manufacturer Rockwell	Serial No.	Board	Identification	Built	Replaced, or Replacement	Stamped (Yes or No)	
RHR LPCI Injection Check Valve 1001-68B	Manufacturer Rockwell Edward Valves	Serial No.	Board No.	Identification N277SP66, M3ZS-18*	Built	Replaced, or Replacement	Code Stampe (Yes or No)	

(12/82)

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SME Code, Section XI. repair of replacement repair of repair of repair of repair of repai	Remarks Refer to FRN 97-01-41 for ASME Code Applicable Manufacturer's Data Re	eports to be attached
We certify that the statements made in the report are correct and this conforms to the rules of the SME Code, Section XI. Towner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION The undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Mass and employed by Arkwright Mutual Ins. Co. of Waltham, Mass have inspected the components described in this Owner's Reports during the period 6-5-95 to 3-29-97 and state that the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspection nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspection nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspection nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspection nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspection or connected with this process. Commissions MA-1420 National Board, State, Province, and Endorsements		
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ppe Code Symbol Stamp A		The state of the s
ertificate of Authorization No. A		The same of the sa
gned — Herificate of Authorization No. Date — Date	SME CODE, Section XI.	repair of replacement
gned — Herificate of Authorization No. Date — Date		
Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Mass and employed by Arkwright Mutual Ins. Co. of Waltham, Mass, have inspected the components described in this Owner's Reports during the period 6-5-95 to 3-29-97 and state that the other best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspection nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions MA-1420 National Board, State, Province, and Endorsements	ype Code Symbol Stamp U A	
Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Mass and employed by Arkwright Mutual Ins. Co. of Waltham, Mass, have inspected the components described in this Owner's Reports during the period 6-5-95 to 3-29-97 and state that the other best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspection nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions MA-1420 National Board, State, Province, and Endorsements	ertificate of Authorization No.	Exmination Date
CERTIFICATE OF INSERVICE INSPECTION the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Mass and employed by Arkwright Mutual Ins. Co. of Waltham, Mass. have inspected the components described in this Owner's Reports during the period 6-5-95 to 3-29-97 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspection nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions MA-1420 Inspector's Signature National Board, State, Province, and Endorsements		The state of the s
CERTIFICATE OF INSERVICE INSPECTION the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Mass and employed by Arkwright Mutual Ins. Co. of Waltham, Mass have inspected the components described in this Owner's Reports during the period 6-5-95 to 3-29-97 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspection nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions MA-1420 National Board, State, Province, and Endorsements	gnod & Skeudon for TAV	Date 6/3 1997
the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Mass and employed by Arkwright Mutual Ins. Co. of Waltham, Mass have inspected the components described in this Owner's Reports during the period 6-5-9.5 to 3-29-9.7 and state that the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspection nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions MA-1420 National Board, State, Province, and Endersements	Owner or Owner's Designee, Title	
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Mass and employed by Arkwright Mutual Ins. Co. of Waltham, Mass have inspected the components described this Owner's Reports during the period 6-5-95 to 3-29-97 and state that the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspection nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions MA-1420 National Board, State, Province, and Endersements	, the undersigned holding a valid commission issued by	y the National Board of Boiler and Pressure Vessel Inspectors and the State
By signing this certificate neither the Inspection nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this aspection. Commissions MA-1420 National Board, State, Province, and Endersements	f Mass and employed by Arkwright Mutual Ir	ns. Co. of Waltham, Mass, have inspected the components described
By signing this certificate neither the Inspection nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. Commissions MA-1420 National Board, State, Province, and Endersements	this Owner's Reports during the period the best of my knowledge and belief, the Owner has	s performed examinations and taken corrective measures described in this
Examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this aspection. Commissions MA-1420 National Board, State, Province, and Endersements	Owner's Report in accordance with the requirements of t	the ASME Code, Section XI.
Examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this aspection. Commissions MA-1420 National Board, State, Province, and Endersements	By signing this certificate neither the Inspection no	or his employer makes any parrenty, expressed or implied, concerning the
Commissions MA-1420 Insperiors Signature Commissions MA-1420 National Board, State, Province, and Endorsements	examinations and corrective measures described in this	s Owner's Report. Furthermore, neither the Inspector nor his employer
Commissions MA-1420 Insperiors Signature National Board, State, Province, and Endorsements	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
Inspector's Signature National Board, State, Province, and Endersements	Mark	
	Allegal.	Commissions MA-1420
U / U[1]]	/ V Inspectors Signature	National Board, State, Province, and Endorsements

. Owner	Boston Ed			Date	2/14/97		-
		Boston MA		Sheet 1	of	1	
. Plant	Pilgrim Nuclea	r Power Station	unapara recere	Unit1			
600	Rocky Hill Road, P	lymouth MA 0236	0	Repair Org	MR 196	00651 O. No., Job No., etc.	
. Work Perform	ned by Boston	Edison Co		Type Code Symbo			
600 Ro	ky Hill Road, Plyn	Name nouth MA 02360		Authorization No. Expiration Date			
(b) Applicat	ale Construction Coo ole Edition of Section	de_ANSI B31.1 on XI Utilized for Re	pairs or Repla	cements 19_69		ia,	Code Cas
Name of Component	Name of Manufacturer	Manufacturer Scrial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe (Yes o No)
Snubber	Bergen- Paterson	201		States		Replaced	No
SS-23-20-40 Saubber SS-23-20-40	Anchor/	478				Replacement	No
7 Description	of Work Remove a	and replace snubber	AW MR 196	00651 work instru	ction and r	procedure 3 M 4-89	
	other C	PressureN	ominal Operat	ting Pressure p*F		(1) size is 8% in.	

	Applicable Manufacturer's	Data Reports to be attached		-
				-
		-		
We certify that the statements made in	CERTIFICATE OF CO	OMPLIANCE		
SME Code, Section XI.	the report are confect and	this repair or replacement	conforms to the	ne rules of the
		tehers or tehreosmend		
()				
ype Code Symbol Stamp	A			
ertificate of Authorization No.	14			
and the second s	14	Expiration Date	****	Charles Consider Consequences
igned X Skendan to	TAV	Date	6/3	1000
Owner or Owner's Designee,		LACE CONTRACTOR OF THE PERSON	6/3	, 1977
	THE PARTY NAME AND ADDRESS OF THE PA			
CER	TIFICATE OF INSERV	ICE INSPECTION		With contrast on the property and
, the undersigned, holding a valid commission	n issued by the Mational D	and of Dailes and Day	Vessel Inspectors	and the State
this Owner's Reports during the period the best of my knowledge and belief, the			Z 1	and state that
wner's Report in accordance with the require	ments of the ASME Code	, Section XI.	uve measures desc	ribed in this
By signing this certificate neither the In	spection nor his employer	makes any warranty, expres	sed or implied, or	oncerning the
xaminations and corrective measures descri- hall be liable in any manner for any personal aspection.	injury or property demand	or a loss of any kind anisis	the Inspector nor h	is employer
aspection.		or a ross or any anen arrain	g from or connec	will this
Much				
Inspector's Signature	Commissions	MA-1420		-
		National Board, State, Provin	ce, and Endorsements	
6-9- 1997				

. Owner	Boston Ed			Date	2/17/97		
	800 Boylston Street, Boston MA			Sheet1	of		
. Plant		r Power Station		Unit1			
600	Rocky Hill Road, F	Plymouth, MA 0236	0	Ropair Or	MR 196 ganization P.	00646 O. No., Job No., etc.	
. Work Perfor	nned by Boston	Edisor, Co Name		Type Code Symbo Authorization No		****	
600 Ro	cky Hill Road, Plyn	nouth, MA 02360		Expiration Date_			
(b) Applical	ble Edition of Section	de USAS B31.1 on XI Utilized for Re Repaired or Repla	pairs or Repla	cements 19_89	onents		
	on or compensation			was a second and a second a second and a second a second and a second a second a second and a second a second a second a s			
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes or
Component	Manufacturer Anchor/	a ramona source and a construction	Board	the same of		Replaced, or	Code Stamped
Component	Manufacturer	Serial No.	Board	the same of		Replaced, or Replacement	Code Stamped (Yes or No)
Snubber SS-14-3-04 Snubber SS-14-3-04	Manufacturer Anchor/ Darling Anchor/ Darling	Serial No.	Board No.	Identification	Built	Replaced, or Replacement Replaced Replacement	Code Stamped (Yes or No) No

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(12/82)

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Remarks Applicable Manufact	turer's Data Reports to be attached	constitute of a characteristic Annual Constitution of the Annual Constitution of the C
We certify that the statements made in the report are corre	OF COMPLIANCE	conforms to the rules of the
Type Code Symbol Stamp N A	repair of replacement	
Signed R Skeridan for TAV	Expiration Date	6/3 ,1997
Owner or Owner's Designee, Title CERTIFICATE OF IN I, the undersigned, holding a valid commission issued by the Nat of Mass and employed by Arkwright Mutual Ins. Co. o in this Owner's Reports during the period to the best of my knowledge and belief, the Owner has perfore Owner's Report in accordance with the requirements of the ASM	Waltham, Mass have inspected 6-5-95 to 3-29-9 med examinations and taken corre	the components described
By signing this certificate neither the Inspection nor his enexaminations and corrective measures described in this Owner shall be liable in any manner for any personal injury or property inspection. Committee 6-9-1997	's Report. Furthermore, neither	at the Inspector nor his employer sing from or connected with this

	Owner Boston Edison Co			2/14/97			
800 Boylston Street, Boston MA			Sheet1	of			
Piant Pilgrim Nuclea	ar Power Station		Unit1				
600 Rocky Hill Road, I	Plymouth, MA 02360		MR 19600650 Repair Organization P.O. No., Job No., etc.				
Work Performed by Bosto	n Edison Co		Type Code Symbo	Stamp_	N/A		
	Name		Authorization No.				
600 Rocky Hill Road, Plyn	mouth MA 02360		Expiration Date		N/A		
(b) Applicable Edition of Section Identification of Components				ones	nak (5). A mountainmentainmentainmentainmentainmentainmentainmentainmentainmentainmentainmentainmentainmentain	T	
	Manufacturer	National Board	Other	Year	Repaired, Replaced, or	ASME Code	
Name of Name of Component Manufacturer	Serial No.	No.	Identification	Built	Replacement		
Component Manufacturer Snubber Bergen-	Serial No.	No.	Identification	Built	Replaced	(Yes or	
Snubber Bergen- SS-23-20-41 Paterson Snubber Anchor/		No.	Identification	Buit			
Snubber Bergen- SS-23-20-41 Paterson Snubber Anchor/ SS-23-20-41 Dariing Description of Work Remove s	200 479 and replace snubber L	AW MR 1960	0065 D work instructing Pressure		Replacement	(Yes o No) No	

(12/82)

This form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

Remarks Applicable Manuf	acturer's Data Reports to be attached
CERTIFICAT We certify that the statements made in the report are con-	E OF COMPLIANCE rrect and this conforms to the rules of the
ASME Code, Section XI.	repair of replacement
Type Code Symbol Stamp \\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
Certificate of Authorization No. No.	Expiration Date
	Date 6/3 1997
I, the undersigned, holding a valid commission issued by the N of Mass and employed by Arkwright Mutual Ins. Co	INSERVICE INSPECTION National Board of Boiler and Pressure Vessel Inspectors and the State of Waltham, Mass. have inspected the components described 6-5-95 to 3-29-97 and state that formed examinations and taken corrective measures described in this sime Code, Section XI.
examinations and corrective measures described in this Own shall be liable in any manner for any personal injury or proper inspection.	employer makes any warranty, expressed or implied, concerning the ner's Report. Furthermore, neither the Inspector nor his employer rty damage or a loss of any kind arising from or connected with this missions MA-1420
Pate 6-9-1997	National Board, State, Province, and Endorsements

. Owner	Boston Ec	lison Co		Date	2/17/97		
	800 Boylston Stree	Boston MA		Sheet 1	of	1	
. Plant	Pilg.im Nuclea	Power Station	and the same of th	Unit1	-		
60	0 Rocky Hill Road, I	Plymouth IA 0236	60	- B O	MR 196	00649 O. No., Job No., etc.	***
	Add	Iroas		Kapan Or	Katitation F.	C. 140., 200 140., 640.	
. Work Perfor	rmed by Boston	Edison Co				N/A	
600 Rc	cky Hill Road, Plyt			Authorization No. Expiration Date_		N/A N/A	
Identification		ross esidual Heat Remov	a)				
					Addend		Code Case
(a) Applica (b) Applica	ble Construction Coo ble Edition of Section	n XI Utilized for Re	epairs or Repla	acements 19_89	Addend	Δ,	Code Case
Idantificati	on of Components	Dengined or Denk	aced and Der	alacement Comp	onents		
. Identificat	ion of Components	Repaired or Repl.	aced and Rep	placement Comp	onents		
Name of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Code Stamped
Name of Component	Name of Manufacturer Anchor/	Manufacturer	National Board	Other	Year	Replaced, or	Stamped (Yes or
Name of Component Snubber SS-10-3-43 Snubber	Name of Manufacturer	Manufacturer Serial No.	National Board	Other	Year	Replaced, or Replacement	Code Stamped (Yes or No)
Name of Component Snubber SS-10-3-43	Name of Manufacturer Anchor/ Darling Anchor/	Manufacturer Serial No.	National Board	Other	Year	Replaced, or Replacement	Code Stamped (Yes or No)
Name of Component Snubber SS-10-3-43 Snubber	Name of Manufacturer Anchor/ Darling Anchor/	Manufacturer Serial No.	National Board	Other	Year	Replaced, or Replacement	Code Stamped (Yes or No)
Name of Component Snubber SS-10-3-43 Snubber SS-10-3-43	Name of Manufacturer Anchor/ Darling Anchor/	Manufacturer Serial No. 464 481	National Board No.	Other Identification	Year Built	Replaced, or Replacement Replaced Replacement	Code Stamped (Yes or No) No
Name of Component Snubber SS-10-3-43 Snubber SS-10-3-43	Name of Manufacturer Anchor/ Darling Anchor/ Darling	Manufacturer Serial No. 464 481	National Board No.	Other Identification	Year Built	Replaced, or Replacement Replaced Replacement	Code Stamped (Yes or No) No

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the up of this form.

(12/82)

This form (E00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

Remarks	
Applical	ble Manufacturer's Data Reports to be attached
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TPPT	TFICATE OF COMPLIANCE
We certify that the statements made in the repo	
ASME Code, Section XI.	repair or (splacement)
Type Code Symbol Stamp N/A	
Certificate of Authorization No. No.	Expiration Date
Signed X Mender for TAV Owner or Owner's Designee, Title	Date 6/3 1997
Owner or Owner's Designee, Title	
OPPORIA	TE OF INSERVICE INSPECTION
	by the National Poard of Boiler and Pressure Vessel Inspectors and the State
of Mass and employed by Arkwright Mutual	lins. Co. of Waltham, Mass. have inspected the components described
in this Owner's Reports during the period	6-5-95 to 3-29-97 and state that has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of	
	nor his employer makes any warranty, expressed or implied, concerning the
	this Owner's Report. Furthermore, neither the Inspector nor his employer or property damage or a loss of any kind arising from or connected with this
inspection.	Property and a series of the s
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// /Inspector's Signature	Commissions MA-1420 National Board, State, Province, and Endorsements
Dute 6-9-1997	
Date 6-7-199	

. Owner	Boston Ec Name	iison Co		Date	2/17/97		
	800 Boylston Stree			Sheet1	of		
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600		Plymouth MA 0236	0	Repair Org	MR 196	000645 O. No., Job No., etc.	THE OWNER WHEN THE PARTY WHEN
. Work Perfor	med by Boston	n Edison Co Name	school-blac Systems			N/A N/A	
600 Ro	cky Hill Road, Plyn	nouth MA 02360		Expiration Date_		N/A	
. Identification	n of System Re	esidual Heat Remova	1				
		n XI Utilized for Repla Repaired or Repla Manufacturer Serial No.			Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
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Snubber	Anchor/				1		
Snubber	Anchor/ Darling Anchor/ Darling	480		The second secon		Replacement	No
SS-10-30-01	Darling Anchor/	480				Replacement	No
SS-10-30-01 Snubber SS-10-30-01	Darling Anchor/ Darling	480 nd replace snubber L	AW MR 1960	0645 work instruc	tion and p		

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8% in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

(12/82)

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CERTIFICATE	OF COMPLIANCE
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igned & Sheridan for TAV	Date 6/3 , 1997
Owner or Owner's Designee, Title	
	NSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the Nat	tional Board of Boiler and Pressure Vessel Inspectors and the State
of Mass and employed by Arkwright Mutual Ins. Co. o	6-5-95 to 3-29-97 and state that
to the best of my knowledge and belief, the Owner has perform	med examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASM	fE Code, Section XI.
By signing this certificate neither the Inspection nor his en	inployer makes any warranty, expressed or implied, concerning the r's Report. Furthermore, neither the Inspector nor his employer
whall be liable in any manner for any personal injury or property	y damage and loss of any kind arising from or connected with this
inspection.	
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Inspector's Signature Commi	National Board, State, Province, and Endorsements
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	scribed
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to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures desc Owner's Report in accordance with the requirements of the ASME Code, Section XI.	ribed in this
Swher's Report in accordance with the requirements of the ASME Code, Section Al.	
By signing this certificate neither the Inspection nor his employer makes any warranty, expressed or implied, co	
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shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connect	ted with this
inspection.	
Commissions MA-1420	
/ Inspector's Signature National Board, State, Province, and Endorsement	
Date 6-04 - 1997	3