

As required by the Provisions of the ASME Code Rules

See attached

[illegible]

9701290334 970123  
PDR ADOCK 05000219  
Q PDR

FORM NIS-1 (back)

8. Examination Dates 12/16/94 to 10/22/96 9. Inspection Interval from 3/15/92 to 3/14/02
10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. See attached
11. Abstract of Conditions Noted See attached
12. Abstract of Corrective Measures Recommended and Taken See attached

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

Date JAN 21 19 97 Signed J. Manning By J.C.P.&L.  
Owner

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

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of New Jersey and employed by H.S.B.I.&I. Co. of Hartford Ct. have inspected the components described in this Owners' Data Report during the period 12/16/94 to 10/22/96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data Report in accordance with the requirements of the ASME Code, Section XI.

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

Date Jan 22 19 97

J. Shelly  
Inspector's Signature

Commissions NB5478(I) (N) NJ442  
National Board, State, Province and No.

## NIS-1 REPORT

### ABSTRACT

10. This submittal is for ISI examinations performed during Oyster Creek's refueling outage 16R.. These examinations completes the second period requirements for the "Third Inspection Interval." See the attached, "Ten Year Inspection Scope Statistical Report" for details.

The ISI scope initially scheduled nine category B-D examinations. Only seven were completed. Two Core Spray Nozzle to Vessel Welds was determined inaccessible due to the bio-shield opening configuration. These welds have been re-scheduled for refueling outage 18R. During outage 18R the Feed Water Nozzles are scheduled for ISI examinations. At that time the bio-shield opening for the Feed Water Nozzles would be open also providing a greater access to the Core Spray Nozzles

Seven category B-F examinations were scheduled, and only five were completed. Two Isolation Condenser Nozzle to Safe-end welds were not performed because of material concerns with the calibration block. These welds were re-scheduled for examination during refueling outage 17R.

Sixteen IGSCC examinations were applied to ISI Section XI credit. Five for category B-F and eleven for category B-J. These sixteen examinations were performed utilizing PDI qualified procedures and technique. Although the examinations were performed by an approved PDI technique, the examinations did not fully comply with Section XI Appendix III from the 1986 or 1992 Edition. Relief Request R11 Rev. 1 was applied for crediting these IGSCC exams toward Section XI. These exams are noted on the NIS-1 Report in the remarks column.

11. Reactor Vessel: Six vessel internals components were reported to have indications. The Steam SEPARATOR, Lower Shroud Conical Support, Steam Dryer Lug, Shroud Vertical Weld, Top Guide, and the Feedwater Sparger Adjusting Nut/Bolt.

COMPONENT	DEFICIENCY	DISPOSITION
STEAM SEPARATOR	(1) mid support ring stiffener cracked completely from ring section at bolt hole location #18	Use as is re-exam during 17R
	(2) one crack at bolt hole Location #7 reported during 15R, appears to have grown.	Use as is re-exam during 17R
	(3) one small linear indication /crater at 0 deg. on stiffener mid support ring weld (top).	Use as is re-exam during 17R

LOWER SHROUD CONICAL SUPPORT	Base material top and side of conical support to shroud weld has additional linear indications from reported in 15R	Use as is re-exam during 17R
STEAM DRYER LUG @135 deg. and 45 deg.	Damage to lug was done while removing steam separator during 16R	Use as is
SHROUD VERTICAL WELD	Weld V-9 has transverse and 4 small parallel cracks	Use as is. Future examination shall be conducted in accordance with VIP criteria
TOP GUIDE	Additional cracks detected using UT examinations at the intersections. No additional cracks that were located on the bottom surface of the top guide.	Use as is
FEEDWATER SPARGER ADJUSTING NUT/BOLT	Crack was reported in the Tack weld.	Use as is

Piping: Seven components were noted as having minor deficiencies, five surface and two VT-3 exams See Table 2 for details.

12. The corrective measures taken for the founded deficiencies are discussed in Table 2.

TEN YEAR INSPECTION SCOPE  
STATISTICAL REPORT

CATEGORY	CYCLE					TOTAL
	PERIOD 1		PERIOD 2		PERIOD 3	
	14R	15R	16R	17R	18R	
B-A	0 0.00	4 0.26	0 0.00	0 0.00	19 1.22	23 1.48
B-D	2 0.13	14 0.90	16 1.03	4 0.26	12 0.77	48 3.08
B-E	19 1.22	0 0.00	0 0.00	6 0.39	6 0.39	31 1.99
B-F	3 0.19	20 1.28	0 0.00	9 0.58	11 0.71	43 2.76
B-G-1	0 0.00	6 0.39	5 0.32	10 0.64	16 1.03	37 2.37
B-G-2	11 0.71	3 0.19	5 0.32	7 0.45	6 0.39	32 2.05
B-J	58 3.72	121 7.77	110 7.06	97 6.23	141 9.05	527 33.83
B-L-2	0 0.00	2 0.13	0 0.00	10 0.64	10 0.64	22 1.41
B-M-1	0 0.00	0 0.00	0 0.00	1 0.06	0 0.00	1 0.06
B-M-2	5 0.32	7 0.45	0 0.00	0 0.00	2 0.13	14 0.90
B-N-1	33 2.12	1 0.06	1 0.06	44 2.82	43 2.76	122 7.83
B-N-2	15 0.96	5 0.32	21 1.35	22 1.41	22 1.41	85 5.46
B-O	0 0.00	0 0.00	0 0.00	0 0.00	3 0.19	3 0.19
B-P	1 0.06	2 0.13	1 0.06	1 0.06	1 0.06	6 0.39
C-A	1 0.06	0 0.00	0 0.00	2 0.13	3 0.19	6 0.39
C-B	9 0.58	0 0.00	1 0.06	6 0.39	15 0.96	31 1.99
C-C	0 0.00	0 0.00	2 0.13	21 1.35	18 1.16	41 2.63
C-D	0 0.00	0 0.00	0 0.00	2 0.13	0 0.00	2 0.13
C-F-1	8 0.51	14 0.90	14 0.90	20 1.28	12 0.77	68 4.36
C-F-2	21 1.35	13 0.83	27 1.73	22 1.41	26 1.67	109 7.03
C-H	0 0.00	12 0.77	2 0.13	0 0.00	0 0.00	14 0.90
D-B	11 0.71	12 0.77	9 0.58	14 0.90	14 0.90	60 3.85
D-C	0 0.00	5 0.32	1 0.06	3 0.19	2 0.13	11 0.71
F-A	28 1.80	32 2.05	56 3.59	60 3.85	46 2.95	222 14.25
TOTAL	225 14.44	273 17.52	271 17.39	361 23.17	428 27.47	1558 100.00

## NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTIONS

PAGE 7 OF 8

1. OWNER: MADISON AVENUE AT PUNCHBOWL ROAD, MORRISTOWN, N.J. 07960  
 OYSTER CREEK NUCLEAR GENERATING STATION  
 2. PLANT: ON U.S. RT. 9, 2 MILES SOUTH OF FORKED RIVER, N.J. 08731  
 3. UNIT: OYSTER CREEK NUCLEAR GENERATING STATION  
 4. OWNER CERTIFICATE OF AUTHORIZATION (IF REQUIRED) NONE  
 5. COMMERCIAL SERVICE DATE 12/23/69  
 6. NATIONAL BOARD NUMBER FOR UNIT RX VESSEL 14895

1 3

* SECTION XI		COMPONENT TAG	COMPONENT	SYSTEM	METHOD	EXAM DATE	REMARKS	*
* CATEGORY/ITEMNO		EXAM NO.	DESCRIPTION			CREDIT		*
B-F	B5.10	NR02/1-567A/WELD 000001825	N6A CORE SPRAY NOZZLE SAFE END	221	SUR	17SEP1996 ISI		
B-F	B5.10	NR02/1-567A/WELD 000001826	N6A CORE SPRAY NOZZLE SAFE END	221	UT	23SEP1996 ISI	RELIEF R11 REV.1	
B-F	B5.10	NR02/1-567B/WELD 000001830	N6B CORE SPRAY NOZZLE SAFE END	221	SUR	17SEP1996 ISI		
B-F	B5.10	NR02/1-567B/WELD 000001831	N6B CORE SPRAY NOZZLE SAFE END	221	UT	22SEP1996 ISI	RELIEF R11 REV.1	
B-F	B5.10	NR02/2-565C/WELD 000001803	N2C RECIRC INLET NOZZLE SAFE END	221	SUR	13SEP1996 ISI		
B-F	B5.10	NR02/2-565C/WELD 000001804	N2C RECIRC INLET NOZZLE SAFE END	221	UT	24SEP1996 ISI	RELIEF R11 REV.1	
B-F	B5.10	NR02/2-565D/WELD 000001807	N2D RECIRC INLET NOZZLE SAFE END	221	SUR	12SEP1996 ISI		
B-F	B5.10	NR02/2-565D/WELD 000001808	N2D RECIRC INLET NOZZLE SAFE END	221	UT	17SEP1996 ISI	RELIEF R11 REV.1	
B-F	B5.10	NR02/2-565E/WELD 000001812	N2E RECIRC INLET NOZZLE SAFE END	221	UT	25SEP1996 ISI	RELIEF R11 REV.1	
B-F	B5.10	NR02/2-565E/WELD 000002990	N2E RECIRC INLET NOZZLE SAFE END	221	SUR	13SEP1996 ISI		
B-F	B5.10	NR02/2-565E/WELD 000002990	N2E RECIRC INLET NOZZLE SAFE END	221	SUR	19SEP1996 ISI		
B-J	B9.11	NG-A-0001A//WELD 000000528	SAFE END TO ELBOW	223	UT	20SEP1996 ISI	RELIEF R11 REV.1	
B-J	B9.11	NG-A-0001A//WELD 000000529	SAFE END TO ELBOW	223	SUR	13SEP1996 ISI		
B-J	B9.11	NG-A-0019//WELD 000000534	VALVE TO PIPE	223	UT	17SEP1996 ISI	RELIEF R11 REV.1	

## NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTIONS

PAGE 4 OF 5

- JERSEY CENTRAL POWER AND LIGHT COMPANY  
 1. OWNER: MADISON AVENUE AT PUNCHBOWL ROAD, MORRISTOWN, N.J. 07960  
 OYSTER CREEK NUCLEAR GENERATING STATION  
 2. PLANT: ON U.S. RT. 9, 2 MILES SOUTH OF FORKED RIVER, N.J. 08731  
 3. UNIT: OYSTER CREEK NUCLEAR GENERATING STATION  
 4. OWNER CERTIFICATE OF AUTHORIZATION (IF REQUIRED) NONE  
 5. COMMERCIAL SERVICE DATE 12/23/69  
 6. NATIONAL BOARD NUMBER FOR UNIT RX VESSEL 14895

* SECTION XI	COMPONENT TAG	COMPONENT	SYSTEM	METHOD	EXAM DATE	REMARKS	*
* CATEGORY/ITEMNO	EXAM NO.	DESCRIPTION			CREDIT		*
B-J B9.11	NG-A-0019//WELD 000000535	VALVE TO PIPE	223	SUR	11SEP1996 ISI		
B-J B9.11	NG-B-0017//WELD 000000542	VALVE TO PIPE	223	UT	15SEP1996 ISI	RELIEF R11 REV.1	
B-J B9.11	NG-B-0017//WELD 000000543	VALVE TO PIPE	223	SUR	11SEP1996 ISI		
B-J B9.11	NG-C-0023A//WELD 000001805	PIPE TO SAFE END	223	SUR	14SEP1996 ISI		
B-J B9.11	NG-C-0023A//WELD 000001806	PIPE TO SAFE END	223	UT	24SEP1996 ISI	RELIEF R11 REV.1	
B-J B9.11	NG-D-0002//WELD 000000555	ELBOW TO PIPE	223	UT	19SEP1996 ISI	RELIEF R11 REV.1	
B-J B9.11	NG-D-0002//WELD 000000556	ELBOW TO PIPE	223	SUR	14SEP1996 ISI		
B-J B9.11	NZ-3-0044A//WELD 000000329	REDUCER TO SAFE END	212	UT	21SEP1996 ISI	RELIEF R11 REV.1	
B-J B9.11	NZ-3-0044A//WELD 000000332	REDUCER TO SAFE END	212	SUR	17SEP1996 ISI		
B-J B9.11	NZ-3-0044B//WELD 000000333	SAFE END TO SAFE END	212	UT	21SEP1996 ISI	RELIEF R11 REV.1	
B-J B9.11	NZ-3-0044B//WELD 000000336	SAFE END TO SAFE END	212	SUR	17SEP1996 ISI		
B-J B9.11	NZ-3-0096//WELD 000000377	REDUCER TO SAFE END	212	UT	21SEP1996 ISI	RELIEF R11 REV.1	
B-J B9.11	NZ-3-0096//WELD 000000378	REDUCER TO SAFE END	212	SUR	17SEP1996 ISI		
B-J B9.11	NZ-3-0096A//WELD 000000379	SAFE END TO SAFE END	212	UT	21SEP1996 ISI	RELIEF R11 REV.1	

## NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTIONS

PAGE 3 OF 3

- JERSEY CENTRAL POWER AND LIGHT COMPANY  
1. OWNER: MADISON AVENUE AT PUNCHBOWL ROAD, MORRISTOWN, N.J. 07960  
OYSTER CREEK NUCLEAR GENERATING STATION  
2. PLANT: ON U.S. RT.9, 2 MILES SOUTH OF FORKED RIVER, N.J. 08731  
3. UNIT: OYSTER CREEK NUCLEAR GENERATING STATION  
4. OWNER CERTIFICATE OF AUTHORIZATION (IF REQUIRED) NONE  
5. COMMERCIAL SERVICE DATE 12/23/69  
6. NATIONAL BOARD NUMBER FOR UNIT RX VESSEL 14895

SECTION XI	COMPONENT TAG	COMPONENT	SYSTEM	METHOD	EXAM DATE	REMARKS
CATEGORY/ITEMNO	EXAM NO.	DESCRIPTION			CREDIT	
B-J B9.11	NZ-3-0096A//WELD 000000380	SAFE END TO SAFE END	212	SUR	17SEP1996 ISI	
B-J B9.12	NG-A-0019A//WELD 000004184	LONGITUDINAL WELD ON PIPE	223	SUR	13SEP1996 ISI	
B-J B9.12	NG-A-0019A//WELD 000004217	LONGITUDINAL WELD ON PIPE	223	UT	12SEP1996 ISI	RELIEF R11 REV.1
B-J B9.12	NG-B-0017A//WELD 000003211	LONGITUDINAL WELD ON PIPE	223	UT	15SEP1996 ISI	RELIEF R11 REV.1
B-J B9.12	NG-B-0017A//WELD 000003212	LONGITUDINAL WELD ON PIPE	223	SUR	11SEP1996 ISI	



## NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTION

DATE: 01/13/97  
PAGE: 0001

1. OWNER: Jersey Central Power & Light Company, Madison Avenue & Punch Bowl Road, Morristown, New Jersey
2. PLANT: Oyster Creek Nuclear Generating Station, U.S. Route 9, Forked River, New Jersey
3. PLANT UNIT: NA
4. OWNER CERTIFICATION OF AUTHORIZATION (if required): None
5. COMMERCIAL SERVICE DATE: 12/23/69
6. NATIONAL BOARD NUMBER FOR UNIT: Reactor Vessel 14895

OUTAGE 16R  
TABLE 1

ASME CAT	ASME ITEM NO	IDENTIFICATION		DESCRIPTION	SYST	NDE METH	EXAM DATE/ REASON	FROM DIAM./ TO DIAM.	REMARKS
		TAG NUMBER SUFFIX	CODE						
B-D	B3.100	NR02 1-565A	WELD	N2A RECIRC INLET NOZZLE A-LOOP	RX	UT	092396 ISI	26.000	
B-D	B3.100	NR02 1-565B	WELD	N2B RECIRC INLET NOZZLE B-LOOP	RX	UT	092496 ISI	26.000	
B-D	B3.100	NR02 1-565C	WELD	N2C RECIRC INLET NOZZLE C-LOOP	RX	UT	092196 ISI	26.000	
B-D	B3.100	NR02 1-565D	WELD	N2D RECIRC INLET NOZZLE D-LOOP	RX	UT	092396 ISI	26.000	
B-D	B3.100	NR02 1-565E	WELD	N2E RECIRC INLET NOZZLE E-LOOP	RX	UT	092196 ISI	26.000	
B-D	B3.100	NR02 2-566A	WELD	N5A ISOLATION COND NOZZLE	RX	UT	092196 ISI	228.000	
B-D	B3.100	NR02 2-566B	WELD	N5B ISOLATION COND NOZZLE	RX	UT	091496 ISI	228.000	
B-D	B3.100	NR02 2-567B	WELD	N6B CORE SPRAY NOZZLE	RX	UT	092496 ISI	10.000	
B-D	B3.90	NR02 1-565A	WELD	N2A RECIRC INLET NOZZLE A-LOOP	RX	UT	091996 ISI	26.000	
B-D	B3.90	NR02 1-565B	WELD	N2B RECIRC INLET NOZZLE B-LOOP	RX	UT	092496 ISI	26.000	
B-D	B3.90	NR02 1-565C	WELD	N2C RECIRC INLET NOZZLE C-LOOP	RX	UT	092196 ISI	26.000	
B-D	B3.90	NR02 1-565D	WELD	N2D RECIRC INLET NOZZLE D-LOOP	RX	UT	092396 ISI	26.000	
B-D	B3.90	NR02 1-565E	WELD	N2E RECIRC INLET NOZZLE E-LOOP	RX	UT	092196 ISI	26.000	
B-D	B3.90	NR02 2-566A	WELD	N5A ISOLATION COND NOZZLE	RX	UT	092196 ISI	228.000	
B-D	B3.90	NR02 2-566B	WELD	N5B ISOLATION COND NOZZLE	RX	UT	092196 ISI	10.000	
B-D	B3.90	NR02 2-567B	WELD	N6B CORE SPRAY NOZZLE	RX	UT	092396 ISI	228.000	
B-G-1	B6.10	NR02 573-02	BOLT	CLOSURE NUT (64)	RX	SUR	091396 ISI	9.375	INSPECT NUTS 22-43
B-G-1	B6.20	NR02 573-01	BOLT	CLOSURE STUD (64)	RX	UT	090896 ISI	6.000	INSPECT STUDS 23-44
B-G-1	B6.40	NR02 563-02	BOLT	THREADS IN RX VESSEL FLANGE	RX	UT	090896 ISI	229.000	INSPECT THREADS IN FLANGE 23-44
B-G-1	B6.50	NR02 573-07	BOLT	CLOSURE WASHER BOTTOM (64)	RX	VT-1	091396 ISI		INSPECT 22-43
B-G-1	B6.50	NR02 573-08	BOLT	CLOSURE WASHER UPPER (64)	RX	VT-1	091396 ISI		INSPECT 22-43
B-G-2	B7.50	216-BG-001	BOLT	BOLTING ON 6" FLANGE RX SIDE REMOVABLE PEICE	RHC	VT-1	092196 ISI	.875	

## NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTION

DATE: 01/13/97  
PAGE: 0002

1. OWNER: Jersey Central Power & Light Company, Madison Avenue & Punch Bowl Road, Morristown, New Jersey
2. PLANT: Oyster Creek Nuclear Generating Station, U.S. Route 9, Forked River, New Jersey
3. PLANT UNIT: NA
4. OWNER CERTIFICATION OF AUTHORIZATION (if required): None
5. COMMERCIAL SERVICE DATE: 12/23/69
6. NATIONAL BOARD NUMBER FOR UNIT: Reactor Vessel 14895

OUTAGE 16R  
TABLE 1

ASME CAT		ASME ITEM NO		IDENTIFICATION		SYST	NDE METH	EXAM DATE/ REASON	FROM DIAM./ TO DIAM.	REMARKS
				TAG NUMBER SUFFIX	CODE					
B-G-2	B7.70			V-1-0160		MS	VT-1	092096		REMOVED, REPLACED WITH SPARE RX SAFETY VALVE. NEW BOLTS WERE INSTALLED
B-G-2	B7.70			V-1-0163	BOLT	MS	VT-1	092096		
B-G-2	B7.70			V-14-0032	BOLT	NE	VT-1	121295	10.000	
B-G-2	B7.70			NG-E-BG001	BOLT	NG	VT-1	092296	2.000	REMOVED, REPLACED WITH SPARE RX SAFETY VALVE. NEW BOLTS WERE INSTALLED
B-G-2	B7.70			V-17-0207	BOLT	NU	VT-1	121295	8.000	
B-G-2	B7.70			V-1-0173	BOLT	NZ	VT-1	092096		
B-G-2	B7.70			V-1-0174	BOLT	NZ	VT-1	092096		REMOVED, REPLACED WITH SPARE EMRV. NEW BOLTS WERE INSTALLED
B-G-2	B7.70			V-1-0175	BOLT	NZ	VT-1	091196		
B-G-2	B7.70			V-1-0177	BOLT	NZ	VT-1	092096		
B-G-2	B7.70			V-20-0151	BOLT	NZ	VT-1	091396	8.000	REMOVED, REPLACED WITH SPARE EMRV. NEW BOLTS WERE INSTALLED.
B-J	B9.11			MS-1-0033	WELD	MS	UT	091196	24.000	
B-J	B9.11			MS-1-0033	WELD	MS	SUR	091196	24.000	
B-J	B9.11			ND-10-0007	WELD	ND	UT	091796	6.000	
B-J	B9.11			ND-10-0007	WELD	ND	SUR	091796	6.000	
B-J	B9.11			ND-1-0001	WELD	ND	UT	092096	6.000	
B-J	B9.11			ND-1-0001	WELD	ND	SUR	091796	6.000	
B-J	B9.11			ND-1-0007	WELD	ND	UT	091896	6.000	
B-J	B9.11			ND-1-0007	WELD	ND	SUR	091796	6.000	
B-J	B9.11			ND-10-0200	WELD	ND	UT	091796	6.000	
B-J	B9.11			ND-10-0200	WELD	ND	SUR	091796	6.000	
B-J	B9.11			ND-1-0021	WELD	ND	UT	091896	6.000	
B-J	B9.11			ND-1-0021	WELD	ND	SUR	091796	6.000	

## NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTION

DATE: 01/13/97  
PAGE: 0003

1. OWNER: Jersey Central Power & Light Company, Madison Avenue & Punch Bowl Road, Morristown, New Jersey
2. PLANT: Oyster Creek Nuclear Generating Station, U.S. Route 9, Forked River, New Jersey
3. PLANT UNIT: NA
4. OWNER CERTIFICATION OF AUTHORIZATION (if required): None
5. COMMERCIAL SERVICE DATE: 12/23/69
6. NATIONAL BOARD NUMBER FOR UNIT: Reactor Vessel 14895

OUTAGE 16R  
TABLE 1

ASME CAT	ASME ITEM NO	IDENTIFICATION		DESCRIPTION	SYST	NDE METH	EXAM DATE/ REASON	FROM DIAM./ TO DIAM.	REMARKS
		TAG NUMBER SUFFIX	CODE						
B-J	B9.11	NE-5-0002	WELD	SAFE END TO ELBOW	NE	SUR	091296 ISI	10.000 10.000	
B-J	B9.11	NE-5-0002	WELD	SAFE END TO ELBOW	NE	UT	091496 ISI	10.000 10.000	
B-J	B9.11	NE-5-0022A	WELD	SAFE END TO ELBOW	NE	SUR	091296 ISI	10.000 10.000	
B-J	B9.11	NE-5-0022A	WELD	SAFE END TO ELBOW	NE	UT	091396 ISI	10.000	
B-J	B9.11	NU-1-0002	WELD	PIPE TO PIPE	NU	UT	091196 ISI	14.000	
B-J	B9.11	NU-1-0002	WELD	PIPE TO PIPE	NU	SUR	091196 ISI	14.000	
B-J	B9.11	NU-1-0008	WELD	PIPE TO ELBOW	NU	UT	091196 ISI	14.000	
B-J	B9.11	NU-1-0008	WELD	PIPE TO ELBOW	NU	SUR	091196 ISI	14.000	
B-J	B9.11	NU-1-0032	WELD	ELBOW TO VALVE	NU	UT	082196 ISI	10.000	
B-J	B9.11	NU-1-0032	WELD	ELBOW TO VALVE	NU	SUR	082196 ISI	10.000	
B-J	B9.11	NU-1-0036	WELD	PIPE TO REDUCER TEE	NU	UT	082296 ISI	14.000	
B-J	B9.11	NU-1-0036	WELD	PIPE TO REDUCER TEE	NU	SUR	082196 ISI	14.000	
B-J	B9.11	NU-4-0002	WELD	TEE TO VALVE	NU	UT	ISI	10.000	
B-J	B9.11	NU-4-0002	WELD	TEE TO VALVE	NU	SUR	091596 ISI	10.000	
B-J	B9.11	NZ-3-0012	WELD	PIPE TO ELBOW	NZ	UT	082096 ISI	8.000	
B-J	B9.11	NZ-3-0012	WELD	PIPE TO ELBOW	NZ	SUR	082096 ISI	8.000	
B-J	B9.11	NZ-3-0034	WELD	ELBOW TO ELBOW	NZ	UT	091296 ISI	8.000	
B-J	B9.11	NZ-3-0034	WELD	ELBOW TO ELBOW	NZ	SUR	091296 ISI	8.000	
B-J	B9.11	NZ-3-0060	WELD	PIPE TO TEE	NZ	UT	082396 ISI	8.000	
B-J	B9.11	NZ-3-0060	WELD	PIPE TO TEE	NZ	SUR	082396 ISI	8.000	
B-J	B9.11	NZ-3-0074	WELD	ELBOW TO PIPE	NZ	UT	091496 ISI	8.000	
B-J	B9.11	NZ-3-0074	WELD	ELBOW TO PIPE	NZ	SUR	091396 ISI	8.000	

## NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTION

DATE: 01/13/97  
PAGE: 0004

1. OWNER: Jersey Central Power & Light Company, Madison Avenue & Punch Bowl Road, Morristown, New Jersey
2. PLANT: Oyster Creek Nuclear Generating Station, U.S. Route 9, Forked River, New Jersey
3. PLANT UNIT: NA
4. OWNER CERTIFICATION OF AUTHORIZATION (if required): None
5. COMMERCIAL SERVICE DATE: 12/23/69
6. NATIONAL BOARD NUMBER FOR UNIT: Reactor Vessel 14895

OUTAGE 16R  
TABLE 1

ASME CAT	ASME ITEM NO	IDENTIFICATION		DESCRIPTION	SYST	NDE METH	EXAM DATE/ REASON	FROM DIAM./ TO DIAM.	REMARKS
		TAG NUMBER SUFFIX	CODE						
B-J	B9.11	RF-2-0025	WELD	PIPE TO ELBOW	RF	UT	091796 ISI	18.000	
B-J	B9.11	RF-2-0025	WELD	PIPE TO ELBOW	RF	SUR	091796 ISI	18.000	
B-J	B9.11	RF-2-0040	WELD	ELBOW TO PIPE	RF	UT	091296 ISI	10.000	
B-J	B9.11	RF-2-0040	WELD	ELBOW TO PIPE	RF	SUR	091196 ISI	10.000	
B-J	B9.11	RF-2-0041	WELD	PIPE TO ELBOW	RF	UT	091196 ISI	10.000	
B-J	B9.11	RF-2-0041	WELD	PIPE TO ELBOW	RF	SUR	091196 ISI	10.000	
B-J	B9.11	RHC-2-0041	WELD	REDUCER TO ELBOW	RHC	UT	090996 ISI	6.000	
B-J	B9.11	RHC-2-0041	WELD	REDUCER TO ELBOW	RHC	SUR	090796 ISI	6.000	
B-J	B9.12	MS-1-0032A	WELD	LONGITUDINAL WELD ON EXTR ADOS OF ELBOW	MS	UT	091196 ISI	24.000	
B-J	B9.12	MS-1-0032A	WELD	LONGITUDINAL WELD ON EXTR ADOS OF ELBOW	MS	SUR	091196 ISI	24.000	
B-J	B9.12	MS-1-0032B	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	MS	UT	091196 ISI	26.000	
B-J	B9.12	MS-1-0032B	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	MS	SUR	091196 ISI	26.000	
B-J	B9.12	ND-10-0007B	WELD	LONGITUDINNAL WELD ON EXT RADOS OF ELBOW	ND	SUR	091796 ISI	6.000	
B-J	B9.12	ND-10-0007B	WELD	LONGITUDINNAL WELD ON EXT RADOS OF ELBOW	ND	UT	091796 ISI	6.000	
B-J	B9.12	ND-10-0007C	WELD	LONGITUDINNAL WELD ON INT RADOS OF ELBOW	ND	UT	091796 ISI	6.000	
B-J	B9.12	ND-10-0007C	WELD	LONGITUDINNAL WELD ON INT RADOS OF ELBOW	ND	SUR	091796 ISI	6.000	
B-J	B9.12	ND-1-0020A	WELD	LONGITUDINNAL WELD ON EXT RADOS OF ELBOW	ND	UT	091896 ISI	6.000	
B-J	B9.12	ND-1-0020A	WELD	LONGITUDINNAL WELD ON EXT RADOS OF ELBOW	ND	SUR	091796 ISI	6.000	
B-J	B9.12	ND-1-0020B	WELD	LONGITUDINNAL WELD ON INT RADOS OF ELBOW	ND	UT	091896 ISI	6.000	
B-J	B9.12	ND-1-0020B	WELD	LONGITUDINNAL WELD ON INT RADOS OF ELBOW	ND	SUR	091796 ISI	6.000	
B-J	B9.12	NE-5-0002A	WELD	LONGITUDINAL WELD ON EXTR ADOS OF ELBOW	NE	UT	091596 ISI	10.000	
B-J	B9.12	NE-5-0002A	WELD	LONGITUDINAL WELD ON EXTR ADOS OF ELBOW	NE	SUR	091296 ISI	10.000	

## NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTION

DATE: 01/13/97  
PAGE: 0005

1. OWNER: Jersey Central Power & Light Company, Madison Avenue & Punch Bowl Road, Morristown, New Jersey
2. PLANT: Oyster Creek Nuclear Generating Station, U.S. Route 9, Forked River, New Jersey
3. PLANT UNIT: NA
4. OWNER CERTIFICATION OF AUTHORIZATION (if required): None
5. COMMERCIAL SERVICE DATE: 12/23/69
6. NATIONAL BOARD NUMBER FOR UNIT: Reactor Vessel 14895

OUTAGE 16R  
TABLE 1

ASME CAT		IDENTIFICATION		DESCRIPTION	SYST	NDE METH	EXAM DATE/ REASON	FROM DIAM./ TO DIAM.	REMARKS
ITEM	NO	TAG NUMBER SUFFIX	CODE						
B-J	B9.12	NE-5-0002B	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	NE	UT	091296 ISI	10.000	
B-J	B9.12	NE-5-0002B	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	NE	SUR	091296 ISI	10.000	
B-J	B9.12	NE-5-0022B	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	NE	UT	091296 ISI	10.000	
B-J	B9.12	NE-5-0022B	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	NE	SUR	091296 ISI	10.000	
B-J	B9.12	NE-5-0022C	WELD	LONGITUDINAL WELD ON EXTR ADOS OF ELBOW	NE	UT	091296 ISI	10.000	
B-J	B9.12	NE-5-0022C	WELD	LONGITUDINAL WELD ON EXTR ADOS OF ELBOW	NE	SUR	091296 ISI	10.000	
B-J	B9.12	NG-A-0001B	WELD	LONGITUDINAL WELD ON EXTR ADOS OF ELBOW	NG	UT	091396 ISI	26.000	
B-J	B9.12	NG-A-0001B	WELD	LONGITUDINAL WELD ON EXTR ADOS OF ELBOW	NG	SUR	091396 ISI	26.000	
B-J	B9.12	NG-A-0001C	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	NG	UT	091396 ISI	26.000	
B-J	B9.12	NG-A-0001C	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	NG	SUR	091396 ISI	26.000	
B-J	B9.12	NG-C-0023B	WELD	LONGITUDINAL WELD ON PIPE	NG	UT	091496 ISI	26.000	
B-J	B9.12	NG-C-0023B	WELD	LONGITUDINAL WELD ON PIPE	NG	SUR	091496 ISI	26.000	
B-J	B9.12	NG-D-0001B	WELD	LONGITUDINAL WELD ON EXTR ADOS OF ELBOW	NG	UT	091696 ISI	26.000	
B-J	B9.12	NG-D-0001B	WELD	LONGITUDINAL WELD ON EXTR ADOS OF ELBOW	NG	SUR	091696 ISI	26.000	
B-J	B9.12	NG-D-0001C	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	NG	UT	091696 ISI	26.000	
B-J	B9.12	NG-D-0001C	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	NG	SUR	091696 ISI	26.000	
B-J	B9.12	NG-D-0002B	WELD	LONGITUDINAL WELD ON PIPE	NG	UT	ISI	26.000	
B-J	B9.12	NG-D-0002B	WELD	LONGITUDINAL WELD ON PIPE	NG	SUR	091696 ISI	26.000	
B-J	B9.12	NZ-3-0010A	WELD	LONGITUDINAL WELD ON PIPE	NZ	SUR	082096 ISI	8.000	
B-J	B9.12	NZ-3-0010A	WELD	LONGITUDINAL WELD ON PIPE	NZ	UT	082096 ISI	8.000	
B-J	B9.12	NZ-3-0012A	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	NZ	UT	082096 ISI	8.000	
B-J	B9.12	NZ-3-0012A	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	NZ	SUR	082096 ISI	8.000	

## NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTION

DATE: 01/13/97  
PAGE: 0006

1. OWNER: Jersey Central Power & Light Company, Madison Avenue & Punch Bowl Road, Morristown, New Jersey
2. PLANT: Oyster Creek Nuclear Generating Station, U.S. Route 9, Forked River, New Jersey
3. PLANT UNIT: NA
4. OWNER CERTIFICATION OF AUTHORIZATION (if required): None
5. COMMERCIAL SERVICE DATE: 12/23/69
6. NATIONAL BOARD NUMBER FOR UNIT: Reactor Vessel 14895

OUTAGE 16R  
TABLE 1

ASME CAT	ASME ITEM NO	IDENTIFICATION		DESCRIPTION	SYST	NDE METH	EXAM DATE/ REASON	FROM DIAM./ TO DIAM.	REMARKS
		TAG NUMBER SUFFIX	CODE						
B-J	B9.12	NZ-3-0012B	WELD	LONGITUDINAL WELD ON EXTR ADOS OF ELBOW	NZ	UT	082096 ISI	8.000	
B-J	B9.12	NZ-3-0012B	WELD	LONGITUDINAL WELD ON EXTR ADOS OF ELBOW	NZ	SUR	082096 ISI	8.000	
B-J	B9.12	NZ-3-0033A	WELD	LONGITUDINAL WELD ON EXTR ADOS OF ELBOW	NZ	UT	091296 ISI	8.000	
B-J	B9.12	NZ-3-0033A	WELD	LONGITUDINAL WELD ON EXTR ADOS OF ELBOW	NZ	SUR	091296 ISI	8.000	
B-J	B9.12	NZ-3-0033B	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	NZ	UT	091296 ISI	8.000	
B-J	B9.12	NZ-3-0033B	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	NZ	SUR	091296 ISI	8.000	
B-J	B9.12	NZ-3-0034A	WELD	LONGITUDINAL WELD ON EXTR ADOS OF ELBOW	NZ	UT	091296 ISI	8.000	
B-J	B9.12	NZ-3-0034A	WELD	LONGITUDINAL WELD ON EXTR ADOS OF ELBOW	NZ	SUR	091296 ISI	8.000	
B-J	B9.12	NZ-3-0034B	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	NZ	UT	091296 ISI	8.000	
B-J	B9.12	NZ-3-0034B	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	NZ	SUR	091296 ISI	8.000	
B-J	B9.12	NZ-3-0058	WELD	LONGITUDINAL WELD ON PIPE	NZ	UT	082396 ISI	8.000	
B-J	B9.12	NZ-3-0058	WELD	LONGITUDINAL WELD ON PIPE	NZ	SUR	082396 ISI	8.000	
B-J	B9.12	NZ-3-0073A	WELD	LONGITUDINAL WELD ON THE EXTRADOS OF ELBOW	NZ	UT	091496 ISI	8.000	
B-J	B9.12	NZ-3-0073A	WELD	LONGITUDINAL WELD ON THE EXTRADOS OF ELBOW	NZ	SUR	091396 ISI	8.000	
B-J	B9.12	NZ-3-0073B	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	NZ	UT	091496 ISI	8.000	
B-J	B9.12	NZ-3-0073B	WELD	LONGITUDINAL WELD ON INTR ADOS OF ELBOW	NZ	SUR	091396 ISI	8.000	
B-J	B9.12	NZ-3-0093A	WELD	LONGITUDINAL WELD ON PIPE	NZ	UT	092096 ISI		
B-J	B9.12	NZ-3-0093A	WELD	LONGITUDINAL WELD ON PIPE	NZ	SUR	091796 ISI		
B-J	B9.21	NC-2-0003	WELD	VALVE TO PIPE	NC	SUR	091896 ISI	3.000	
B-J	B9.32	NG-A-0009	WELD	ELBOW TO BRANCH	NG	SUR	091396 ISI	2.000	TEN SURFACE INDICATIONS WERE DETECT ED BY DYE PENETRANT 7 LINEAR & 3 RO
B-J	B9.40	MS-9-0015	WELD	ELBOW TO PIPE	MS	SUR	091196 ISI	2.000	
B-J	B9.40	MS-9-0015B	WELD	COUPLING TO PIPE SOCKT	MS	SUR	091196 ISI	2.000	

## NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTION

DATE: 01/13/97  
PAGE: 0007

1. OWNER: Jersey Central Power & Light Company, Madison Avenue & Punch Bowl Road, Morristown, New Jersey
2. PLANT: Oyster Creek Nuclear Generating Station, U.S. Route 9, Forked River, New Jersey
3. PLANT UNIT: NA
4. OWNER CERTIFICATION OF AUTHORIZATION (if required): None
5. COMMERCIAL SERVICE DATE: 12/23/69
6. NATIONAL BOARD NUMBER FOR UNIT: Reactor Vessel 14895

OUTAGE 16R  
TABLE 1

ASME CAT		ASME ITEM NO		IDENTIFICATION		SYST	NDE METH	EXAM DATE/ REASON	FROM DIAM./ TO DIAM.	REMARKS
				TAG NUMBER SUFFIX	CODE					
B-J	B9.40			MS-9-0017		MS	SUR	091196	2.000	
B-J	B9.40			MV-5-0007	WELD	MV	SUR	091896	2.000	
B-J	B9.40			MV-5-0021	WELD	MV	SUR	091996		
B-J	B9.40			MV-5-0024	WELD	MV	SUR	091896		
B-J	B9.40			ND-1-0100	WELD	ND	SUR	091796	1.500	
B-J	B9.40			NG-B-0036A	WELD	NG	SUR	091296	2.000	
B-J	B9.40			NG-C-0036	WELD	NG	SUR	091096	2.000	
B-J	B9.40			NG-D-0024	WELD	NG	SUR	091396	2.000	
B-J	B9.40			NG-E-0032	WELD	NG	SUR	091696	2.000	
B-J	B9.40			NP-2-0010	WELD	NP	SUR	091496	1.500	
B-N-1	B13.10			NR02		RX	VT-3	091196		
B-N-2	B13.20			INTERNAL	VESSEL	RX	VT-1	091196		
B-N-2	B13.20			NR02		RX	VT-1	091196		
B-N-2	B13.20			5-587A	WELD	RX	VT-1	091196		
B-N-2	B13.20			NR02		RX	VT-1	091196		
B-N-2	B13.20			5-587B	WELD	RX	VT-1	091196		
B-N-2	B13.20			NR02		RX	VT-1	091196		
B-N-2	B13.20			5-587C	WELD	RX	VT-1	091196		
B-N-2	B13.20			NR02		RX	VT-1	091196		
B-N-2	B13.20			6-587A	WELD	RX	VT-1	091196		
B-N-2	B13.20			NR02		RX	VT-1	091196		
B-N-2	B13.20			6-587B	WELD	RX	VT-1	091196		
B-N-2	B13.20			NR02		RX	VT-1	091196		
B-N-2	B13.20			6-587C	WELD	RX	VT-1	091196		
B-N-2	B13.30			NR02		RX	VT-3	091196		
B-N-2	B13.30			1-587A	WELD	RX	VT-3	091196		
B-N-2	B13.30			NR02		RX	VT-3	091196		
B-N-2	B13.30			1-587B	WELD	RX	VT-3	091196		
B-N-2	B13.30			NR02		RX	VT-3	091196		
B-N-2	B13.30			1-587C	WELD	RX	VT-3	091196		
B-N-2	B13.30			NR02		RX	VT-3	091196		
B-N-2	B13.30			1-587D	WELD	RX	VT-3	091196		
B-N-2	B13.30			NR02		RX	VT-3	091196		
B-N-2	B13.30			3-587A	WELD	RX	VT-3	091196		



## NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTION

DATE: 01/13/97  
PAGE: 0008

1. OWNER: Jersey Central Power & Light Company, Madison Avenue & Punch Bowl Road, Morristown, New Jersey
2. PLANT: Oyster Creek Nuclear Generating Station, U.S. Route 9, Forked River, New Jersey
3. PLANT UNIT: NA
4. OWNER CERTIFICATION OF AUTHORIZATION (if required): None
5. COMMERCIAL SERVICE DATE: 12/23/69
6. NATIONAL BOARD NUMBER FOR UNIT: Reactor Vessel 14895

OUTAGE 16R  
TABLE 1

ASME CAT	ASME ITEM NO	IDENTIFICATION		DESCRIPTION	SYST	NDE METH	EXAM DATE/ REASON	FROM DIAM./ TO DIAM.	REMARKS
		TAG NUMBER SUFFIX	CODE						
B-N-2	B13.30	NR02		TRACK GUIDE BRACKET	RX	VT-3	091196		
		3-587B	WELD				ISI		
B-N-2	B13.30	NR02		FEEDWATER SPARGER BRACKET	RX	VT-3	091196		
		4-587A	WELD				ISI		
B-N-2	B13.30	NR02		FEEDWATER SPARGER BRACKET	RX	VT-3	091196		
		4-587B	WELD				ISI		
B-N-2	B13.30	NR02		FEEDWATER SPARGER BRACKET	RX	VT-3	061196		
		4-587C	WELD				ISI		
B-N-2	B13.30	NR02		FEEDWATER SPARGER BRACKET	RX	VT-3	091196		
		4-587D	WELD				ISI		
B-N-2	B13.30	NR02		FEEDWATER SPARGER BRACKET	RX	VT-3	091196		
		4-587E	WELD				ISI		
B-N-2	B13.30	NR02		FEEDWATER SPARGER BRACKET	RX	VT-3	091196		
		4-587F	WELD				ISI		
B-N-2	B13.30	NR02		FEEDWATER SPARGER BRACKET	RX	VT-3	091196		
		4-587G	WELD				ISI		
B-N-2	B13.30	NR02		FEEDWATER SPARGER BRACKET	RX	VT-3	091196		
		4-587H	WELD				ISI		
B-N-2	B13.40	NR02		CORE SUPPORT ASSEMBLY CON	RX	VT-3	091196		
		4-564	WELD	ICAL SUPPORT TO VESSEL H-			ISI		
B-P	B15.10	NR02		REACTOR VESSEL	RX	VT-2	100696		
			VESSEL				ISI		
C-B	C2.31	H-21-001D		CONTAINMENT SPRAY HEAT	NQ	SUR	090396		
		N-4-D	WELD	EXCHANGER 1-4 SHELL SIDE			ISI		
C-C	C3.20	241-BR-NQ-2-H26B-0031		ABANDON IN PLACE FRAME	NQ	SUR	091696		
			SUPORT	(NQ-2-H26B)			ISI		
C-C	C3.20	NQZ-1-0060		SADDLE TO HEADER	NQZ	SUR	081696		
			WELD				ISI		
C-F-1	C5.11	NE-1-204		PIPE TO WYE	NE	SUR	090796	16.000	
			WELD				ISI		
C-F-1	C5.11	NE-1-204		PIPE TO WYE	NE	UT	090996	16.000	
			WELD				ISI		
C-F-1	C5.11	NE-1-229		PIPE TO NOZZLE B CONDENS	NE	UT	091896	12.000	SOUTH END OF COND. B
			WELD				ISI		
C-F-1	C5.11	NE-1-229		PIPE TO NOZZLE B CONDENS	NE	SUR	091896	12.000	SOUTH END OF COND. B
			WELD				ISI		
C-F-1	C5.11	NE-2-213		PIPE TO PIPE	NE	SUR	090996	8.000	
			WELD				ISI		
C-F-1	C5.11	NE-2-213		PIPE TO PIPE	NE	UT	090996	8.000	
			WELD				ISI		
C-F-1	C5.11	NE-2-214		PIPE TO PIPE	NE	SUR	090996	8.000	
			WELD				ISI		
C-F-1	C5.11	NE-2-214		PIPE TO PIPE	NE	UT	090996	8.000	
			WELD				ISI		

RECORD THE THICKNESS OF THE INTEGRAL WELDED ATTACHMENT. IF THE THIC



## NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTION

DATE: 01/13/97  
PAGE: 0009

1. OWNER: Jersey Central Power & Light Company, Madison Avenue & Punch Bowl Road, Morristown, New Jersey
2. PLANT: Oyster Creek Nuclear Generating Station, U.S. Route 9, Forked River, New Jersey
3. PLANT UNIT: NA
4. OWNER CERTIFICATION OF AUTHORIZATION (if required): None
5. COMMERCIAL SERVICE DATE: 12/23/69
6. NATIONAL BOARD NUMBER FOR UNIT: Reactor Vessel 14895

OUTAGE 16R  
TABLE 1

ASME CAT	ASME ITEM NO	IDENTIFICATION		DESCRIPTION	SYST	NDE METH	EXAM DATE/ REASON	FROM DIAM. / TO DIAM.	REMARKS
		TAG NUMBER SUFFIX	CODE						
C-F-1	C5.11	NE-2-232		NOZZLE TO PIPE	NE	UT	091996 ISI	8.000	SOUTH END OF COND. B
C-F-1	C5.11	NE-2-232	WELD	NOZZLE TO PIPE	NE	SUR	091996 ISI	8.000	SOUTH END OF COND. B
C-F-1	C5.11	NZ-3-0002		TEE TO PIPE	NZ	SUR	083096 ISI	8.000	1" LINEAR IN BASE METAL. REPORTED ON MNCE 96-45. DETERMINED NOT TO BE
C-F-1	C5.11	NZ-3-0002	WELD	TEE TO PIPE	NZ	UT	083096 ISI	8.000	
C-F-1	C5.12	NZ-3-0002A		LONGITUDINAL WELD ON PIPE	NZ	UT	082096 ISI	8.000	
C-F-1	C5.12	NZ-3-0002A	WELD	LONGITUDINAL WELD ON PIPE	NZ	SUR	082096 ISI	8.000	
C-F-2	C5.51	NCS-2-0023		ELBOW TO PIPE	NCS	UT	082196 ISI	10.000	
C-F-2	C5.51	NCS-2-0023	WELD	ELBOW TO PIPE	NCS	SUR	081696 ISI	10.000	
C-F-2	C5.51	NCS-2-0035		REDUCER TO ELBOW	NCS	SUR	081596 ISI	10.000	
C-F-2	C5.51	NCS-2-0035	WELD	REDUCER TO ELBOW	NCS	UT	081696 ISI	10.000	
C-F-2	C5.51	NCS-2-0049		TEE TO PIPE	NCS	UT	082096 ISI	10.000	
C-F-2	C5.51	NCS-2-0049	WELD	TEE TO PIPE	NCS	SUR	082096 ISI	10.000	
C-F-2	C5.51	NQ-1-0018		ELBOW TO PIPE	NQ	UT	081696 ISI	12.000	
C-F-2	C5.51	NQ-1-0018	WELD	ELBOW TO PIPE	NQ	SUR	081696 ISI	12.000	
C-F-2	C5.51	NQ-1-0049		PIPE TO ELBOW	NQ	UT	081696 ISI	12.000	
C-F-2	C5.51	NQ-1-0049	WELD	PIPE TO ELBOW	NQ	SUR	081696 ISI	12.000	
C-F-2	C5.51	NQ-2-0034		ELBOW TO PIPE	NQ	UT	081496 ISI	14.000	
C-F-2	C5.51	NQ-2-0034	WELD	ELBOW TO PIPE	NQ	SUR	081396 ISI	14.000	
C-F-2	C5.51	NQ-2-0085		ELBOW TO PIPE	NQ	UT	081496 ISI	14.000	
C-F-2	C5.51	NQ-2-0085	WELD	ELBOW TO PIPE	NQ	SUR	081396 ISI	14.000	
C-F-2	C5.51	NQ-2-0098		TEE TO PIPE	NQ	UT	081596 ISI	14.000	
C-F-2	C5.51	NQ-2-0098	WELD	TEE TO PIPE	NQ	SUR	081596 ISI	14.000	

## NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTION

DATE: 01/13/97  
PAGE: 0010

1. OWNER: Jersey Central Power & Light Company, Madison Avenue & Punch Bowl Road, Morristown, New Jersey
2. PLANT: Oyster Creek Nuclear Generating Station, U.S. Route 9, Forked River, New Jersey
3. PLANT UNIT: NA
4. OWNER CERTIFICATION OF AUTHORIZATION (if required): None
5. COMMERCIAL SERVICE DATE: 12/23/69
6. NATIONAL BOARD NUMBER FOR UNIT: Reactor Vessel 14895

OUTAGE 16R  
TABLE 1

ASME		IDENTIFICATION		DESCRIPTION	SYST	NDE METH	EXAM DATE/ REASON	FROM DIAM./ TO DIAM.	REMARKS
CAT	ITEM NO	TAG NUMBER SUFFIX	CODE						
C-F-2	C5.51	NQZ-1-0033	WELD	REDUCING TEE TO PIPE	NQZ	UT	081496 ISI	20.000	
C-F-2	C5.51	NQZ-1-0033	WELD	REDUCING TEE TO PIPE	NQZ	SUR	080996 ISI	20.000	
C-F-2	C5.51	NZ-1-0034	WELD	PIPE TO ELBOW	NZ	UT	081396 ISI	12.000	
C-F-2	C5.51	NZ-1-0034	WELD	PIPE TO ELBOW	NZ	SUR	080996 ISI	12.000	
C-F-2	C5.51	NZ-1-0089	WELD	PIPE TO ELBOW	NZ	UT	081496 ISI	12.000	
C-F-2	C5.51	NZ-1-0089	WELD	PIPE TO ELBOW	NZ	SUR	080996 ISI	12.000	
C-F-2	C5.51	NZ-2-0274	WELD	PIPE TO ELBOW	NZ	MT	082696 AUG	6.000	
C-F-2	C5.51	NZ-2-0274	WELD	PIPE TO ELBOW	NZ	UT	082696 AUG	6.000	
C-F-2	C5.51	NZ-2-0275	WELD	ELBOW TO PIPE	NZ	SUR	082696 AUG	6.000	
C-F-2	C5.51	NZ-2-0275	WELD	ELBOW TO PIPE	NZ	UT	082696 AUG	6.000	
C-F-2	C5.51	NZ-2-0288	WELD	PIPE TO ELBOW	NZ	SUR	082896 AUG	6.000	
C-F-2	C5.51	NZ-2-0288	WELD	PIPE TO ELBOW	NZ	UT	082896 AUG	6.000	
C-F-2	C5.51	RF-2-0093	WELD	PIPE TO ELBOW	RF	SUR	100196 ISI	18.000	
C-F-2	C5.51	RF-2-0093	WELD	PIPE TO ELBOW	RF	UT	100196 ISI	18.000	
C-F-2	C5.51	RF-2-0103	WELD	PIPE TO REDUCER	RF	SUR	091996 ISI	24.000	
C-F-2	C5.51	RF-2-0103	WELD	PIPE TO REDUCER	RF	UT	092696 ISI	24.000	
C-F-2	C5.81	RF-2-0086	WELD	PIPE TO BRANCH	RF	SUR	092296 ISI	24.000	
C-F-2	C5.90	NZ-2-0276	WELD	PIPE TO ELBOW	NZ	UT	082696 AUG	6.000	
C-F-2	C5.90	NZ-2-0276	WELD	PIPE TO ELBOW	NZ	SUR	092596 AUG	6.000	ONE LINEAR INDICATION 1.2" LOCATED AT TOE OF WELD. REPORTED ON
C-F-2	C5.90	NZ-2-0277	WELD	ELBOW TO PIPE	NZ	UT	082696 AUG	6.000	
C-F-2	C5.90	NZ-2-0277	WELD	ELBOW TO PIPE	NZ	SUR	082696 AUG	6.000	
C-H	C7.30	411	PIPE	MAIN STEAM SYSTEM-PIPING	MS	VT-2	102396 ISI		

## NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTION

DATE: 01/13/97  
PAGE: 0011

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3. PLANT UNIT: NA
4. OWNER CERTIFICATION OF AUTHORIZATION (if required): None
5. COMMERCIAL SERVICE DATE: 12/23/69
6. NATIONAL BOARD NUMBER FOR UNIT: Reactor Vessel 14895

OUTAGE 16R  
TABLE 1

ASME CAT	ASME ITEM NO	IDENTIFICATION TAG NUMBER SUFFIX	CODE	DESCRIPTION	SYST	NDE METH	EXAM DATE/ REASON	FROM DIAM./ TO DIAM.	REMARKS
C-H	C7.30	422		FEEDWATER SYSTEM - PIPING	RF	VT-2	102396		
C-H	C7.40	214	PIPE	CLASS 2 PORTION OF THE SH	NU	VT-2	ISI		
C-H	C7.40	A-LOOP	SYSTEM	UTDOWN COOLING SYS	NU	VT-2	090596		
C-H	C7.40	214	SYSTEM	CLASS 2 PORTION OF THE SH	NU	VT-2	AUG		
C-H	C7.40	B-LOOP	SYSTEM	UTDOWN COOLING SYS	NU	VT-2	090596		
C-H	C7.40	214	SYSTEM	CLASS 2 PORTION OF THE SH	NU	VT-2	AUG		
D-B	D2.20	C-LOOP	SYSTEM	UTDOWN COOLING SYS	CC	VT-3	090596		
D-B	D2.20	H-5-002		RB CLOSED COOLING WATER	CC	VT-3	AUG		
D-B	D2.20	H-1	SUPORT	HEAT EXCHANGER 1-2	CC	VT-3	082296		
D-B	D2.20	H-5-002	SUPORT	RB CLOSED COOLING WATER	CC	VT-3	ISI		
D-B	D2.20	H-2	SUPORT	HEAT EXCHANGER 1-2	CC	VT-3	082796		
D-B	D2.20	541-1035		ROD HANGER	CC	VT-3	ISI		
D-B	D2.20	541-1036	SUPORT	(CC-3-H7)	CC	VT-3	082296		
D-B	D2.20	541-1037	SUPORT	ROD HANGER	CC	VT-3	ISI		
D-B	D2.20	541-1044	SUPORT	(CC-3-H8)	CC	VT-3	082296		
D-B	D2.20	541-1052	SUPORT	ROD HANGER	CC	VT-3	ISI		
D-B	D2.20	541-1056	SUPORT	(CC-4-H11)	CC	VT-3	082296		
D-B	D2.20	541-1057	SUPORT	ROD HANGER	CC	VT-3	ISI		
D-B	D2.20	541-1052	SUPORT	(CC-4-H18)	CC	VT-3	082296		
D-B	D2.20	541-1056	SUPORT	ROD HANGER	CC	VT-3	ISI		
D-B	D2.20	541-1057	SUPORT	(CC-4-H26)	CC	VT-3	082296		
D-B	D2.40	541-1056	SUPORT	VARIABLE SPRING HANGER	CC	VT-3	ISI		
D-B	D2.40	541-1057	SUPORT	(CC-4-H30)	CC	VT-3	082896		
D-B	D2.40	541-1057	SUPORT	VARIABLE SPRING HANGER	CC	VT-3	ISI		
D-B	D2.40	541-1057	SUPORT	(CC-4-H31)	CC	VT-3	082896		
D-C	D3.20	P-18-001A	SUPORT	2WELDED 1SUPORT ON SKID	NN	VT-3	ISI		
F-A	F1.10	H-1	SUPORT	PUMP (NN01-A)	NN	VT-3	082196		
F-A	F1.10	411-BP-X-2A-SS-1-0009	SUPORT	MECHANICAL SNUBBER S-1-1	MS	VT-3	ISI		
F-A	F1.10	A	SUPORT	(MS-1-S13)	MS	VT-3	091796		
F-A	F1.10	411-BP-X-2A-SS-1-0009	SUPORT	MECHANICAL SNUBBER S-1-2	MS	VT-3	ISI		
F-A	F1.10	B	SUPORT	(MS-1-S14)	MS	VT-3	091796		
F-A	F1.10	411-1000	SUPORT	NEED DETAILED DWG.	MS	VT-3	ISI		
F-A	F1.10	225-BP-NC-4-R2-0003	SUPORT	(MS-1-H12)	MS	VT-3	090796		
F-A	F1.10	215-BP-ND-1-H2A-0015	SUPORT	CLAMP	NC	VT-3	ISI		
F-A	F1.10	223-GR-H3(C)-0027	SUPORT	(NC-4-H3)	ND	VT-3	091896		
F-A	F1.10	223-GR-H3(C)-0027	SUPORT	VARIABLE SPRING HANGER	ND	VT-3	ISI		
F-A	F1.10	223-GR-H3(C)-0027	SUPORT	(ND-1-H4)	NG	VT-3	100296		
F-A	F1.10	223-GR-H3(C)-0027	SUPORT	CONSTANT	NG	VT-3	ISI		
F-A	F1.10	223-GR-H3(C)-0027	SUPORT	(NG-C-H1)	NG	VT-3	091396		
F-A	F1.10	223-GR-H3(C)-0027	SUPORT	CONSTANT	NG	VT-3	ISI		
F-A	F1.10	223-GR-H3(C)-0027	SUPORT	(NG-C-H2)	NG	VT-3	091396		
F-A	F1.10	213-BR-NP-2-H3-0011	SUPORT	VARIABLE SPRING HANGER	NP	VT-3	ISI		
F-A	F1.10	213-BR-NP-2-H3-0011	SUPORT	(NP-2-H8)	NP	VT-3	082896		

LACK OF FULL THREAD ENGAGEMENT BACK  
END BOLT. REPORTED ON ER 96-31 USE  
LACK OF FULL THREAD ENGAGEMENT. REP  
ORTED ON ER 96-32 USE AS IS

PIN READING AT END OF SCALE, LACK O  
F FULL THREAD ENGAGEMENT, AND DENTE

## NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTION

DATE: 01/13/97  
PAGE: 0012

1. OWNER: Jersey Central Power & Light Company, Madison Avenue & Punch Bowl Road, Morristown, New Jersey
2. PLANT: Oyster Creek Nuclear Generating Station, U.S. Route 9, Forked River, New Jersey
3. PLANT UNIT: NA
4. OWNER CERTIFICATION OF AUTHORIZATION (if required): None
5. COMMERCIAL SERVICE DATE: 12/23/69
6. NATIONAL BOARD NUMBER FOR UNIT: Reactor Vessel 14895

OUTAGE 16R  
TABLE 1

ASME CAT	ASME ITEM NO	IDENTIFICATION		DESCRIPTION	SYST	NDE METH	EXAM DATE/ REASON	FROM DIAM./ TO DIAM.	REMARKS
		TAG NUMBER SUFFIX	CODE						
F-A	F1.10	214-BP-X-7-SS-1-0006		MECHANICAL SNUBBER	NU	VT-3	091796		BENT I BEAM ON THE OUTER EDGES. THIS WAS REPORTED ON ER 96-019 AND REV
		A	SUPPORT	(NU-1-S3)			ISI		
F-A	F1.10	214-BP-557-R11-0035		HYDRAULIC SNUBBER	NU	VT-3	121295		
			SUPPORT	(NU-2-S10)			ISI		
F-A	F1.10	214-BP-557-R5-0025		HYDRAULIC SNUBBER	NU	VT-3	121295		
			SUPPORT	(NU-2-S5)			ISI		
F-A	F1.10	212-BP-NZ-3-H1(B)-0003		VARIABLE SPRING HANGER	NZ	VT-3	091396		
			SUPPORT	(NZ-3-H4)			ISI		
F-A	F1.10	212-BP-461-R3-0002		MECHANICAL SNUBBER	NZ	VT-3	091996		
			SUPPORT	(NZ-3-S3)			ISI		
F-A	F1.10	212-BP-461-R4-0001		MECHANICAL SNUBBER N-20-4	NZ	VT-3	091996		BENT ROD AND LOOSE NUT. REPORTED ON ER 96-2 AND MNCR 96-57 ROD WAS REP
			SUPPORT	(NZ-3-S4)			ISI		
F-A	F1.10	422-BP-RF-R1-0020		MECHANICAL SNUBBER	RF	VT-3	091996		
			SUPPORT	(RF-2-S3)			ISI		
F-A	F1.10	216-1000		VARIABLE SPRING CAN	RHC	VT-3	100696		
			SUPPORT	(RHC-2-H1)			ISI		
F-A	F1.10	216-1002		NEED DETAILED DWG.	RHC	VT-3	091796		
			SUPPORT	(RHC-2-H3)			VER		
F-A	F1.20	225-SN-PSR-032-2-0028		GUIDE	NC	VT-3	082296		
			SUPPORT	(NCS-2-H21)			ISI		
F-A	F1.20	211-BP-632-R4-0048		NE-1-12" HYDRAULIC PIPE	NE	VT-3	090796		SPRING CAN SETTINGS VERIFICATION. REPORTED ON ER 96-003 SETTINGS ARE W SPRING CAN SETTING VERIFICATIONS. REPORTED ON ER 96-004 THE SETTINGS A
			SUPPORT	SNUBBER (NE-1-S12)			ISI		
F-A	F1.20	241-BP-NQZ-T-H1(M)-0108		SLIDE	NQ	VT-3	081696		
			SUPPORT	(NQZ-1-H11)			ISI		
F-A	F1.20	241-BP-NQ-2-H3-0003		BRACKET	NQ	VT-3	091896		
			SUPPORT	(NQ-2-H65)			ISI		
F-A	F1.20	241-BP-NQ-2-R4-0071		SWAYBAR	NQ	VT-3	081996		
			SUPPORT	(NQ-2-H32)			PSI		
F-A	F1.20	241-BP-227-R1-0028		RIGID STRUT(SNUBBER REPLA	NQ	VT-3	100196		
			SUPPORT	CED WITH STRUT)			ISI		
F-A	F1.20	241-BP-487-R5-0032		HYDRAULIC SNUBBER - 23/3	NQ	VT-3	082296		SPRING CAN SETTINGS VERIFICATION. REPORTED ON ER 96-003 SETTINGS ARE W SPRING CAN SETTING VERIFICATIONS. REPORTED ON ER 96-004 THE SETTINGS A
			SUPPORT	(NQ-2-S14)			ISI		
F-A	F1.20	212-BP-NZ-2-H10-0008		VARIABLE SPRING HANGER (N	NZ	VT-3			
			SUPPORT	Z-3-H1)			ISI		
F-A	F1.20	212-BP-368-R5-0021		HYDRAULIC SNUBBER	NZ	VT-3	081996		
			SUPPORT	(NZ-2-S3)			ISI		
F-A	F1.20	212-BP-411-R2-0058		HYDRAULIC SNUBBER	NZ	VT-3	112895		
			SUPPORT	(NZ-3-S5)			ISI		
F-A	F1.20	422-1000		NEED DETAILED DWG.	RF	VT-3	090796		
			SUPPORT	(RF-2-H13)			VER		
F-A	F1.20	422-1010		NEED DETAILED DWG.	RF	VT-3	090796		SPRING CAN SETTINGS VERIFICATION. REPORTED ON ER 96-003 SETTINGS ARE W SPRING CAN SETTING VERIFICATIONS. REPORTED ON ER 96-004 THE SETTINGS A
			SUPPORT	(RF-2-H21)			VER		
F-A	F1.20	422-1011		NEED DETAILED DWG.	RF	VT-3	090796		SPRING CAN SETTINGS VERIFICATION. REPORTED ON ER 96-003 SETTINGS ARE W SPRING CAN SETTING VERIFICATIONS. REPORTED ON ER 96-004 THE SETTINGS A
			SUPPORT	(RF-2-H23)			ISI		

## NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTION

DATE: 01/13/97  
PAGE: 0013

1. OWNER: Jersey Central Power & Light Company, Madison Avenue & Punch Bowl Road, Morristown, New Jersey
2. PLANT: Oyster Creek Nuclear Generating Station, U.S. Route 9, Forked River, New Jersey
3. PLANT UNIT: NA
4. OWNER CERTIFICATION OF AUTHORIZATION (if required): None
5. COMMERCIAL SERVICE DATE: 12/23/69
6. NATIONAL BOARD NUMBER FOR UNIT: Reactor Vessel 14895

OUTAGE 16R  
TABLE 1

ASME CAT	ASME ITEM NO	IDENTIFICATION TAG NUMBER SUFFIX	CODE	DESCRIPTION	SYST	NDE METH	EXAM DATE/ REASON	FROM DIAM./ TO DIAM.	REMARKS
F-A	F1.30	541-1010	SUPPORT	GUIDE (CC-4-H4D)	CC	VT-3	082996 ISI		
F-A	F1.30	541-1044	SUPPORT	ROD HANGER (CC-4-H18)	CC	VT-3	082296 ISI		
F-A	F1.30	424-1015	SUPPORT	STANCHION (CH-5-H14)	CH	VT-3	090796 ISI		
F-A	F1.30	251-0029	SUPPORT	ROD HANGER (NN-1-H1)	NN	VT-3	082196 ISI		
F-A	F1.30	531-1009	SUPPORT	ROD HANGER	SW	VT-3	081696 ISI		
F-A	F1.30	531-1011	SUPPORT	ROD HANGER	SW	VT-3	082996 VER		
F-A	F1.30	531-1012	SUPPORT	ROD HANGER	SW	VT-3	082996 VER		
F-A	F1.30	531-1022	SUPPORT	NEED DETAILED DWG.	SW	VT-3	081696 VER		THIS COMPONENT SHALL BE RE-SCHEDULE D FOR 17R
F-A	F1.30	532-BR-SW-2-H14A-0058	SUPPORT	SLIDE (SW-2-H35)	SWE	VT-3	090796 ISI		
F-A	F1.40	H-5-002	SUPPORT	RB CLOSED COOLING WATER HEAT EXCHANGER 1-2	CC	VT-3	082196 ISI		
F-A	F1.40	H-5-002	SUPPORT	RB CLOSED COOLING WATER HEAT EXCHANGER 1-2	CC	VT-3	082296 ISI		
F-A	F1.40	223-GR-H1(C)-0030	SUPPORT	CONSTANT (NG-C-H4)	NG	VT-3	091096 ISI		
F-A	F1.40	223-GR-H1(C)-0030	SUPPORT	CONSTANT (NG-C-H5)	NG	VT-3	091096 ISI		
F-A	F1.40	223-GR-H1(C)-0030	SUPPORT	CONSTANT (NG-C-H6)	NG	VT-3	091096 ISI		
F-A	F1.40	223-GR-H1(C)-0030	SUPPORT	CONSTANT (NG-C-H7)	NG	VT-3	091096 ISI		
F-A	F1.40	P-18-001A	SUPPORT	2WELDED 1SUPPORT ON SKID PUMP (NN01-A)	NN	VT-3	082196 ISI		
F-A	F1.40	P-18-001C	SUPPORT	AUG SPENT FUEL POOL PUMP	NN	VT-3	082196 ISI		
F-A	F1.40	P-18-001C	SUPPORT	AUG SPENT FUEL POOL PUMP SUPPORT (NN01-C)	NN	VT-3	082196 ISI		
F-A	F1.40	P-20-002B	SUPPORT	CORE SPRAY BOOSTER PUMP 2	NZ	VT-3	082296 ISI		
F-A	F1.40	221-0500	SUPPORT	WELDED 1 SUPPORT ON SKID RX HOZ STABILIZER	RX	VT-3	091796 ISI		
F-A	F1.40	221-0500	SUPPORT	RX HOZ STABILIZER	RX	VT-3	091796 ISI		
F-A	F1.40	221-0501	SUPPORT	RX HOZ STABILIZER	RX	VT-3	091796 ISI		

## NIS-1 OWNERS DATA REPORT FOR INSERVICE INSPECTION

DATE: 01/13/97  
PAGE: 0014

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4. OWNER CERTIFICATION OF AUTHORIZATION (if required): None
5. COMMERCIAL SERVICE DATE: 12/23/69
6. NATIONAL BOARD NUMBER FOR UNIT: Reactor Vessel 14895

OUTAGE 16R  
TABLE 1

ASME CAT	ASME ITEM NO	IDENTIFICATION		DESCRIPTION	SYST	NDE METH	EXAM DATE/ REASON	FROM DIAM./ TO DIAM.	REMARKS
		TAG NUMBER SUFFIX	CODE						
F-A	F1.40	221-0501 B	SUPORT	RX HOZ STABILIZER	RX	VT-3	091796 ISI		
F-A	F1.40	221-0502 A	SUPORT	RX HOZ STABILIZER	RX	VT-3	091796 ISI		
F-A	F1.40	221-0502 B	SUPORT	RX HOZ STABILIZER	RX	VT-3	091795 ISI		
F-A	F1.40	221-0503 A	SUPORT	RX HOZ STABILIZER	RX	VT-3	091796 ISI		
F-A	F1.40	221-0503 B	SUPORT	RX HOZ STABILIZER	RX	VT-3	091796 ISI		
IGSCC	B9.11	NU 1 0001	WELD	VALVE TO PIPE	NU	UT	391456 IGS	14.000	Not for credit MAR 1/14/97

NIS-1 TABLE 2  
REFUELING OUTAGE 16R

EXAM NO.	CATEGORY	ITEM NO.	COMPONENT DESCRIPTION	SYSTEM	METHOD	REMARKS
2990	B-F	B5.10	NR02 2-565E WELD NOZZLE TO SAFE END	221	SUR	Two indications were detected by dye penetrant. Indication (1) was rounded, 7/16 inch, and indication (2) was linear, 5/8 inch. The indications were determined to be caused by previous mechanical work on the OD. Both indications were removed by light filing. A re-examination was performed and accepted.
3113	B-J	B9.12	NZ-3-0034B WELD INTRADOS OF ELBOW	212	SUR	An indication 1.75 inches in length was recorded by dye penetrant. The indication had the appearance of having been blended. The indication was in the base material of the elbow. In accordance with Section XI paragraph IWB-3514.3(b), a UT examination was performed and determined the indication acceptable per Table IWB-3514-2. This weld was re-scheduled for examination during the next refueling outage 17R.
658	B-J	B9.32	NG-A-000A WELD ELBOW TO BRANCH 2" OD	223	SUR	Ten surface indications were detected by dye penetrant. Seven indications were classified as linear, and three were rounded. The acceptance criteria from Section XI Table IWB-3514-2 is 0.25 inches in length for wall thickness between 1.00 inch to less than 2.00 inches. The seven linear were all within the allowable for base material 1.219 inches. The rounded indications were also determined to be acceptable. This weld was re-scheduled for examination during the next refueling outage 17R.
1779	C-F-1	C5.11	NZ-3-0002 WELD TEE TO PIPE	212	SUR	A shallow indication 1.00 inches linear was detected by dye penetrant in the base metal on the tee. This indication was determined to be non service induced. In 10 mils increments the indication was removed by grinding and PT exams. A UT thickness was performed to verify remaining wall.
4122	C-F-2	C5.90	NZ-2-0276 WELD PIPE TO ELBOW	212	SUR	A shallow indication 1.2 inches linear was detected by magnetic particle at the toe of the weld. This indication was removed by hand filing.
113	F-A	F1.10	212-BP-NZ-3-H1(B)-0003 VARIABLE SPRING HANGER	212	VT-3	(1) Lock nut loose against top of spring can. (2) I Beam is bent down on upper outer edges both sides of beam. Item (1) loose lock nut was hand tighten. Item (2) was determined to be caused by use of chain fall to life valve v-20-0017. Review of the support calculations, C-1302-212-5320-025 Rev. 3 Sheets 27 to 36, determined that the maximum stress in the support is approx. 20% of the allowable stress. By review of the support drawing it was determined that the location of the bent flanges was not the critical stress location. The stresses are much lower at the interior location. Since the bends occurred at the outer edges only a portion of the flange was determined to be effective to resist bending. The support was determined to be acceptable for service. This support was re-scheduled for examination during the next refueling 17R.
2291	F-A	F1.20	241-BP-NQ-2-R4-0071 SWAY BAR	241	VT-3	Bent threaded rod. The rod is oriented in the horizontal. Root cause evaluated was determined to be external influence. The rod was replaced.



# **NIS-2 FORMS**

**OYSTER CREEK  
NUCLEAR GENERATING STATION**

**REFUELING OUTAGE 16R**



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

1. Owner Jersey Central Power & Light Date January 19, 1997  
Madison Ave. & Punchbowl Rd.  
Morristown, N.J. 07960 Sheet \_\_\_\_\_ of \_\_\_\_\_  
Address
2. Plant Oyster Creek Nuclear Generating Station Unit Oyster Creek  
U.S. Hwy. 9 Name  
Forked River, N.J. 08731 Address  
See attached job number  
Repair Organization P.O. No., Job No., etc.
3. Work Performed by GPU Nuclear Corporation Type Code Symbol Stamp N/A  
One Upper Pond Rd., Parsippany, N.J. 07054 Name Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System See attached
5. (a) Applicable Construction Code B31.1 19 55 Edition, N/A Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)

7. Description of Work Replacements
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
 Other ☐ Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

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.

FORM NIS-2 (Back)

9. Remarks The attachment is a list of ISI components that required a PSI examination  
after replacement.  
 Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this N/A conforms to the rules of the  
 ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp None

Certificate of Authorization No. None

Expiration Date N/A

Signed W. Manning NDE/ISI Manager Date JAN. 21, 19 97  
 Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State  
 or Province of New Jersey and employed by H.S.B.I.&I. Company of  
Hartford, Ct. have inspected the components described  
 in this Owner's Report during the period 12/16/94 to 10/22/96, 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 Inspector nor his employer makes any warranty, expressed or implied, concerning the  
 examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer  
 shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this  
 inspection.

W. Manning Commissions NB5478(I) (N)NJ442  
 Inspector's Signature National Board, State, Province, and Endorsements

Date Jan 21 19 97

**NIS-2 OWNER'S REPORT FOR REPAIRS AND REPLACEMENT  
OYSTER CREEK'S REFUELING 16R**

<b>CONTROL DOCUMENT</b>	<b>COMPONENT</b>	<b>CATEGORY ITEMNO</b>	<b>SYSTEM NO.</b>	<b>REMARKS</b>
J.O. 501725	V-1-0160 6" BONNET BOLTING	B-G-2 B7.70	411	Removed, and replaced with new bolts. A PSI VT-1 examination was performed. Maintenance
J.O. 501725	V-1-0163 6" BONNET BOLTING	B-G-2 B7.70	411	Removed, and replaced with new bolts. A PSI VT-1 examination was performed. Maintenance
J.O. 501725	V-1-0173 6" BONNET BOLTING	B-G-2 B7.70	411	Removed, and replaced with new bolts. A PSI VT-1 examination was performed. Maintenance
J.O. 501725	V-1-0174 6" BONNET BOLTING	B-G-2 B7.70	411	Removed, and replaced with new bolts. A PSI VT-1 examination was performed. Maintenance
J.O. 501725	V-1-0177 6" BONNET BOLTING	B-G-2 B7.70	411	Removed, and replaced with new bolts. A PSI VT-1 examination was performed. Maintenance
J.O. 510073	NG-E-BG001 2" BONNET BOLTING	B-G-2 B7.70	223	after video examination through the 2" Decon Connection Flange, for foreign intrusion within the Reactor Recirculation piping. Studs and nuts were replaced and VT-1 examined
MNCR 96-57	241-BP-NQ-2-R4-0071 SWAYBAR SUPPORT	F-A F1.20	241	Rod was reported bent during an ISI examination. The rod was replaced and VT-3 examined

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

1. Owner Jersey Central Power & Light Date January 19, 1997  
Madison Ave. & Punchbowl Rd.  
Morristown, N.J. 07960 Address Sheet \_\_\_\_\_ of \_\_\_\_\_
2. Plant Oyster Creek Nuclear Generating Station Unit Oyster Creek  
U.S. Hwy. 9 Name  
Forked River, N.J. 08731 Address See attached job number  
 Repair Organization P.O. No., Job No., etc.
3. Work Performed by GPU Nuclear Corporation Type Code Symbol Stamp N/A  
 Name Authorization No. N/A  
One Upper Pond Rd., Parsippany, N.J. 07054 Address Expiration Date N/A
4. Identification of System See attached
5. (a) Applicable Construction Code B31.1 19 55 Edition, N/A Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 86

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)

7. Description of Work Replacements
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
 Other ☐ Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 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.

FORM NIS-2 (Back)

9. Remarks The attachment is a list of maintenance activities that were performed  
on ISI components. This work was controlled by our job order tracking system.  
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this NA conforms to the rules of the  
ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp None

Certificate of Authorization No. None

Expiration Date N/A

Signed

W. Manning NDE/ISI Manager  
Owner or Owner's Designee, Title

Date

JAN 21

19 97

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State  
or Province of New Jersey and employed by H.S.B.I.&I. Company of  
Hartford, Ct. have inspected the components described  
in this Owner's Report during the period 12/16/94 to 10/22/96, 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 Inspector nor his employer makes any warranty, expressed or implied, concerning the  
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer  
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this  
inspection.

J. H. Kelly  
Inspector's Signature

Commissions

NB5478(I) (N)NJ442

National Board, State, Province, and Endorsements

Date

Jan 21

19 97

**NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT  
OYSTER CREEK REFUELING OUTAGE 16R**

JOB ORDER	COMPONENT	SYSTEM	CODE CLASS	REMARKS
57358	V-1-0144, ¾" VALVE	411	2	Valve was replaced with a new ¾ inch handcock globe valve. This work was considered corrective maintenance
59778	V-1-0289, 1" VALVE	411	2	Valve was replaced along with piping. Maintenance
62679	V-20-0072, 1" VALVE	212	2	Valve was replaced. Maintenance
57752	V-19-0022, 1" VALVE V-190049, ¾" VALVE	213 213	2 1	Valve V-19-22 was replace and relocated. V-19-49 was rotated.
64209 505280 507942	V-3-0133, 2" VALVE	532	3	Valve was replaced with new. Maintenance
64227 500905 508048	V-3-0131, 2" VALVE	532	3	Valve was replaced with new. Maintenance
64013	V-20-0159, ¾" VALVE	212	2	Weld repair leaking ½ line on up stream of valve. Leak was located where instrument line enter weldolet. maintenance
63562	V-18-0012, ¾" VALVE	251	3	Valve was replaced by welding with new. Valve is the drain from fuel pool heat exchanger H-18-001A. Maintenance
62740	V-20-0073, 1" VALVE V-20-0102, 1" VALVE	212 212	2 2	Valves were replaced by welding. Configuration changed
62302	V-18-0113, ¾" VALVE	251	3	Valve was replaced by welding with new.
500461 500463	UNDER GROUND PIPING 6" AND 10" ALUMINUM	424	3	Under ground piping was replaced by welding with new. Corrective maintenance
502406	422-BP-X-4A-SS-1-0027 A 422-BP-X-4A-SS-1-0027 B 422-BP-RF-R6-0024 422-BP-RF-R4-0021 422-BP-RF-R1-0020 422-BP-RF-R2-0017 422-BP-RF-R3-0018 422-BP-RF-R6A-0009 422-BP-RF-R4A-0006 422-BP-RF-R1A-0005 422-BP-RF-R2A-0002 422-BP-RF-R3A-0003 211-BP-634-R16-0002 211-BP-634-R15-0004 211-BP-X-5B-SS-1-0005 211-BP-634-R14-0022	422 422 422 422 422 422 422 422 422 422 422 211 211 211 211	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Forty-three mechanical snubbers were replaced. Maintenance

**NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT  
OYSTER CREEK REFUELING OUTAGE 16R**

JOB ORDER	COMPONENT	SYSTEM	CODE CLASS	REMARKS
502406	211-BP-634-R13-0023	211	1	Forty-three mechanical snubbers were replaced. Maintenance.
	211-BP-X-5A-SS-1-0025 A	211	1	
	211-BP-X-5A-SS-1-0025 B	211	1	
	211-BP-X-3B-SS-1-0039 B	211	1	
	215-BP-X-10-SS-1-0014 A	215	1	
	214-BP-X-8-SS-1-0019 A	214	1	
	214-BP-556-R2-0002	214	1	
	214-BP-556-R1-0004	214	1	
	214-BP-X-7-SS-1-0006 A	214	1	
	214-BP-X-7-SS-1-0006 B	214	1	
	251-0053	251	1	
	212-MP-N1-0163	212	1	
	212-MP-N2-0105	212	1	
	212-MP-S2-0158	212	1	
	223-GR-SS-1(A)-0009 B	223	1	
	223-GR-SS-2(A)-0010 A	223	1	
	223-GR-SS-1(B)-0020 B	233	1	
	223-GR-SS-2(B)-0021 A	233	1	
	223-GR-SS-1(C)-0031 B	233	1	
	223-GR-SS-2(C)-0032 A	233	1	
	223-GR-SS-2(C)-0032 B	233	1	
	223-GR-SS-1(D)-0042 A	233	1	
	223-GR-SS-1(D)-0042 B	233	1	
	223-GR-SS-2(D)-0043 A	233	1	
	223-GR-SS-2(D)-0043 B	233	1	
	223-GR-SS-1(E)-0053 A	233	1	
	223-GR-SS-1(E)-0053 B	233	1	
508644	S0-305-0120, 1/2" VALVE	225	2	Solenoid Valve for 30-11 HCU was replaced
508188	V-3-0082, 3/4" VALVE	532	3	Relief valves for containments heat exchanger 1-1, and 1-2 were replaced. This work was considered corrective maintenance
	V-3-0083, 3/4" VALVE	532	3	
	V-21-0021, 3/4" VALVE	241	2	
	V-21-0022, 3/4" VALVE	241	2	
	V-21-0022, 3/4" VALVE	241	2	
63534	V-20-0006, 3/4" VALVE	212	2	Valve was replaced by welding. This work was considered corrective maintenance. Valve is drain for Pump NZ01-A
507355	V-1-0188, 1" VALVE	411	2	Valve was replaced by welding. This work was considered corrective maintenance
506745	V-20-0166, 3/4" VALVE	212	2	Valve was replaced by welding. Maintenance
63974	V-20-0262, 6" VALVE	212	2	Installed new vacuum breaker assembly by welding. This work was considered configuration change

**NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENT  
OYSTER CREEK REFUELING OUTAGE 16R**

JOB ORDER	COMPONENT	SYSTEM	CODE CLASS	REMARKS
509769	V-305-0107, ½" VALVE	225	2	Valve was replaced due to leakage.
501450	V-2-0071, 18" VALVE	422	1	Welded repair was performed
508863	V-20-0028, 4" VALVE	212	2	Install support for this valve by welding.
506699	V-19-0023, 1 ½" VALVE	213	2	Valve was replaced with new by welding
506359	V-11-0226, ¾" VALVE	424	3	Valve was replaced by welding
501449	V-21-0020, 1" VALVE	241	2	Valve was replaced
509049	V-21-0023, ¾" VALVE	241	2	Valves were replaced. Maintenance
	V-21-0024, ¾" VALVE	241	2	
503522	411-0182 6" WELD	411	2	A section of the deaerating steam piping was abandoned in place. This was a new weld added to the system.
505502	V-1-0350, ¾" VALVE	411	2	Valve was replaced by welding. This work was considered configuration change.