



UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF COMPLIANCE
REGION I
970 BROAD STREET
NEWARK, NEW JERSEY 07102

201 645-3942

F. Cantrell

SEP 3 1971

J. G. Keppler, Chief, Reactor Testing & Operations Br.
Division of Compliance, HQ

EVALUATION MEMORANDUM

JERSEY CENTRAL POWER & LIGHT COMPANY (OYSTER CREEK 1)
DOCKET NO. 50-219

The attached report of inspections conducted at the subject facility on June 23 - 25, 1971 and at JCP&L's home office in Parsippany, New Jersey on July 2, 1971 is forwarded for information. Two items of noncompliance were identified.

Specific matters of interest discussed in this report include the following:

1. The correction to calendar year 1970 liquid radioactive effluents discharged from the facility.
2. The cause (an overstress condition) for the linkage failure in the turbine initial pressure regulator controls.
3. The commitment of JCP&L to provide double automatic closing isolation valves in the containment O₂ sampling lines (both drywell and torus). Other GE facilities, not in Region I, should be reviewed to insure that they do not have an unsatisfactory installation.
4. The installation of the jockey pump in one of the core spray loops. The licensee reported that the second jockey pump has been installed for the other core spray loop and the reported "water hammer problem following core spray pump starts has been virtually eliminated.
5. The testing of diesel generator shutdown devices.
6. The licensee's method for accounting for gaseous releases from the facility.
7. The increase in effectiveness of the waste treatment facility.

6/409

8. The development of a periodic schedule to calibrate or trip check the balance of plant instrumentation.
9. The partial pluggage of the condenser inlet structure.

R. T. Carlson

R. T. Carlson
Senior Reactor Inspector

JW

Enclosure:

CO Rpt 71-02 dated 9/2/71
by R. J. McDermott

- cc: E. G. Case, DRS (3)
R. S. Boyd, DRL (2)
R. C. DeYoung, DRL (2)
D. J. Skovholt, DRL (3)
H. R. Denton, DRS (2)
A. Giambusso, CO
L. Kornblith, CO
R. H. Engelken, CO
Regional Directors, CO
DR Central Files

U.S. ATOMIC ENERGY COMMISSION
COMPLIANCE STATISTICAL DATA

A	A. DOCKET NUMBER	B. REPORT NUMBER	C. PRIORITY/CATEGORY	ING./INSPECTION/INVESTIGATION DATES		F. REGION CONDUCTING ACTIVITY: I
	50-0219	71-05	C	FROM	to and	
P	LICENSEE/VENDOR			D. 9/8/71	E. 9/9/71	LICENSE NUMBER
	Jersey Central Power and Light Co.			FACILITY		DPR-16
				Oyster Creek		

G. ACTIVITY CONDUCTED:

1 INSPECTION 2 INQUIRY 3 INVESTIGATION 4 VENDOR INSPECTION 5 MANAGEMENT VISIT 6 INQUIRY-NON LICENSEE

H. INSPECTION/INVESTIGATION RESULTS:

1 S91 2 REGIONAL OFFICE LETTER 3 REFERRED TO HQS FOR ACTION

J. INSPECTION/INVESTIGATION FINDINGS:

1 CLEAR 2 SAFETY ITEM 3 NONCOMPLIANCE 4 NONCONFORMANCE

K. FIELD ACTION AS A RESULT OF INQUIRY

1 CONDUCT INVESTIGATION 2 REVIEW NEXT INSPECTION 3 REFER TO OTHER REGION 4 REFER TO NON-REG. AUTH. 5 REFER TO OTHER REG. OFFICE 6 HQS FOR ACTION 7 NO FURTHER ACTION

L. REASON INSP. FINDINGS REFERRED TO HEADQUARTERS FOR ACTION:	M. SUBJECT OF INQUIRY OR INVESTIGATION:	N. HEADQUARTERS ACTION ON INSPECTION AND INVESTIGATION
01 <input type="checkbox"/> IMMEDIATE THREAT TO HEALTH AND SAFETY	01 <input type="checkbox"/> TYPE A INT. OVEREXPOSURE	01 <input type="checkbox"/> NO ACTION REQUIRED
02 <input type="checkbox"/> COMPLEX ITEM INVOLVING:	02 <input type="checkbox"/> TYPE A EXT. OVEREXPOSURE	02 <input type="checkbox"/> LETTER-CLEAR
02 <input type="checkbox"/> NONCOMPLIANCE/NONCONFORMANCE	03 <input type="checkbox"/> TYPE A RELEASE	03 <input type="checkbox"/> LETTER-NONCOMPLIANCE
03 <input type="checkbox"/> LICENSING PROBLEM	04 <input type="checkbox"/> TYPE A LOSS OF FACILITY	04 <input type="checkbox"/> LETTER-SAFETY ITEM
04 <input type="checkbox"/> POLICY MATTER	05 <input type="checkbox"/> TYPE A PROPERTY DAMAGE	05 <input type="checkbox"/> PART 2 NOTICE
05 <input type="checkbox"/> INTERPRETATION	06 <input type="checkbox"/> TYPE B INT. OVEREXPOSURE	06 <input type="checkbox"/> PART 2 NOTICE AS RESULT OF FOLLOWUP TO REGIONAL OFFICE LETTER
06 <input type="checkbox"/> SAFETY ITEM	07 <input type="checkbox"/> TYPE B EXT. OVEREXPOSURE	07 <input type="checkbox"/> ORDER
07 <input type="checkbox"/> MANAGEMENT DEFICIENCY	08 <input type="checkbox"/> TYPE B RELEASE	08 <input type="checkbox"/> REFER TO DRL FOR RESOLUTION
08 <input type="checkbox"/> INADEQ. REPLY TO LETTER	09 <input type="checkbox"/> TYPE B LOSS OF FACILITY	09 <input type="checkbox"/> REFER TO DRL FOR INFORMATION
09 <input type="checkbox"/> NO REPLY TO LETTER	10 <input type="checkbox"/> TYPE B PROPERTY DAMAGE	10 <input type="checkbox"/> REFER TO DML FOR RESOLUTION
10 <input type="checkbox"/> NO CORRECTIVE ACTION PLANNED	10 CFR 29.405	11 <input type="checkbox"/> REFER TO DML FOR INFORMATION
11 <input type="checkbox"/> INADEQUATE CORRECTIVE ACTION PLANNED	11 <input type="checkbox"/> INTERNAL OVEREXPOSURE	12 <input type="checkbox"/> REFER TO REGION TO CLOSE OUT
12 <input type="checkbox"/> HQS LETTER REQUIRED	12 <input type="checkbox"/> EXTERNAL OVEREXPOSURE	13 <input type="checkbox"/> OTHER
13 <input type="checkbox"/> HQS REVIEW REQUIRED	13 <input type="checkbox"/> EXCESSIVE RADIATION LEVELS	
14 <input type="checkbox"/> UNREVIEWED SAFETY MATTER	14 <input type="checkbox"/> EXCESSIVE CONCENTRATION LEVELS	
15 <input type="checkbox"/> DESIGN CHANGE	15 <input type="checkbox"/> CRITICALITY	
16 <input type="checkbox"/> OTHER	16 <input type="checkbox"/> LOSS OR THEFT	
17 <input type="checkbox"/>	17 <input type="checkbox"/> CONTAMINATION	
18 <input type="checkbox"/>	18 <input type="checkbox"/> UNSAFE OPERATION	
19 <input type="checkbox"/>	19 <input type="checkbox"/> FIRE, EXPLOSION	
	20 <input type="checkbox"/> HUMAN (OPERATOR) ERROR	
	21 <input type="checkbox"/> COMPLAINT	
	22 <input type="checkbox"/> PUBLIC INTEREST	
	23 <input type="checkbox"/> LEAKING SOURCE	
	24 <input type="checkbox"/> TRANSPORTATION	
	25 <input type="checkbox"/> EXPIRED LICENSE	
	26 <input type="checkbox"/> EXPOSURE REPORTED AND FOUND INVALID.	
	27 <input type="checkbox"/> CONSTRUCTION/EQUIP. DEFICIENCY	
	28 <input checked="" type="checkbox"/> EQUIPMENT FAILURE	
	29 <input type="checkbox"/> EXCEED LIC/TECH SPEC REG'S	
	30 <input type="checkbox"/> DEPARTURE FROM FSAR/TS'S	
	31 <input type="checkbox"/> OTHER	

O. REGIONAL OFFICE ACTION DATES

P. REPORT SENT TO HEADQUARTERS: 9/10/71

Q. S91/LETTER ISSUED

R. REPLY NOT REQUIRED

S. LICENSEE REPLY RECEIVED

T. DATE LETTER, NOTICE, ORDER ISSUED

U. DATE LICENSEE REPLY RECEIVED

V. REPLY NOT REQUIRED