

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

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G. L. Madsen, Acting Senior Reactor Inspector, Region I Division of Compliance

CO REPORT NO. 50-219/71-05 JERSEY CENTRAL POWER & LIGHT COMPANY OYSTER CREEK I - BWR

It appears that Jersey Central acted responsibly in investigation of the failures discussed in this report; however, when you have a failure, and "routine surveillance" checks show additional failures, you question why the "routine" surveillance checks were made. According to Jersey Central, the testing of the isolation condenser isolation valve was a routine test.

The issue of the failed flexible connection in the air compressor discharge line may not be "dead". Mr. Carroll indicated that there is no requirement for testing the safety valves on that line. I plan to look at the surveillance program for the whole system.

I plan to explore instructions to the guards and the shift foremen concerning admitting Compliance to the plant during the next inspection. T. Young and myself arrived at the site while the principal staff was out to lunch. The guard was reluctant to let us in; however, someone authorized him, by telephone, to admit us through the gate. Then there was a problem of entry into the building. The shift foreman admitted us, but wanted us to wait for Mr. McCluskey. We insisted that we couldn't wait and he agreed to describe the abnormal occurrences involving the failure of the instrument air system, and to show us the equipment. As soon as Mr. J. Carroll returned, he assumed responsibility for us. Due to the time available and the lack of familiarity with the plant, we needed someone to escort us, so we did not attempt to go anywhere unescorted.

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F. S. Cantrell Reactor Inspector

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R. T. Carlson, Acting Chief, Reactor Testing & Operations Br. Division of Compliance, Headquarters

CO INQUIRY REPORT NO. 50-219/71-15 JERSEY CENTRAL POWER & LIGHT COMPANY OYSTER CREEK 1 - BWR VIBRATIGN FAILURE OF A 3/4" VENT PIPE ON MAIN STEAM LINE

The subject inquiry report is forwarded for your information.

The licenses reported that the magnitude of the leak rate was unknown and that the stack monitor did not show an increase in activity as a result of this release to the turbine building. The actions taken by the licenses are considered appropriate.

The licensee stated that a 10 day written report would be submittad in accordance with their license. This matter will be reviewed by our inspector during the next routine inspection.

> R. L. Spessard Acting Senior Reactor Inspector

Enclosure: Subject Inquiry Report

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cc: E. G. Case, DRS (3)
R. S. Boyd, DRS (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

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CO Inquiry Report No. 50-219/71-15

Subject: Jersey Central Power & Light Co.

License No.: DRR-16

Pacility: Oyster Creek I-T.P.

Title: Vibration Failure of a 3/4" Vent Pipe on Main Steam Line

Prepared by:

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### F. S. Cantrell, Reactor Inspector

Date

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#### A. Date & Manner AEC was Informed:

By telephone call from Mr. T. McCluskey, Station Superintendent, on December 13, 1971.

### B. Description of Particular Event or Circumstances:

Mr. McCluskey stated that the floor drain collector tank level started increasing more rapidly than normal during the 12 - 8 shift on December 11, 1971. An investigation was initiated but the source of leakage was not determined until early on the 8 -4 shift. The plant was shutdown after it was determined that the leak was not isolatable with the plant operating. The shutdown began at 12:12 p.m. and the plant was off line at 5:41 p.m.

The failure occurred in a 3/4" line that vents the isolation condensers to the north main steam header downstream of the main steam isolation valves. The break was in a section of line between a 3/4" shutoff valve and the main steam header. The shutoff valve is located in close proximity to the main steam header. A part of a broken pipe hanger was found on the floor under the break.

### C. Action by Licensee:

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The break was repaired, another pipe hanger was installed at a different location, and the plant was brought on line at 11:00 a.m. December 12, 1971. Work is currently under way to install additional supports to eliminate vibrations in this pipe. The licensee is considering establishing a program to systematically check all pipe hangers. The licensee plans to make a written report to DRL within 10 days as required by their license.

# DEC 1 4 1971

R. T. Carlson, Acting Chief, Reactor Testing & Operations Br. Division of Compliance. HO

CO INQUIRY REPORT NO. 50-219/71-14 JERSEY CENTRAL POWER & LIGHT COMPANY CYSTER CREEK 1 - BWR EXCESSIVE INVENTORY OF RADIONUCLIDES IN LIQUID WASTE TANKS

The subject inquiry report is forwarded for action. The action requested is as follows:

- 1. Discuss this matter with DRL with the intent of obtaining agreement that JCP&L was, and is, in noncompliance.
- 2. Convince DRL of the necessity to promptly correct the Technical Specification at this facility and others as applicable.

As a result of our comments, the licensee requested by telegram dated December 7, 1971, a temporary Technical Specification change to permit a 1.5 Ci maximum inventory of radionuclides in the "tank farm" until December 12, 1971. Based on discussions with Mr. Wambach, DRL, it is our understanding that the temporary Technical Specification change will not be approved by DRL, and that DRL has requested the licensee to submit a permanent change to the Technical Specifications regarding this matter. It is also our understanding that DRL considers this Technical Specification (paragraph 3.6.C) to be a bad specification and does not consider JCP&L to be in noncompliance with this specification. Although we consider this to be a bad specification, none the less, it is our position that JCP&L was, and is, in noncompliance.

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The licensee is operating the rad waste system at capacity and had planned to reduce the radionuclide inventory in the "tank farm" to less than 0.7 Ci by December 12, 1971; however, on this date, the inventory had only been reduced to 0.73 Ci by operation of the concentrator and releases to the discharge canal. The actions taken by the licensee with respect to this subject are considered adequate.

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We plan to follow corrective actions relating to this subject during our next inspection.

> R. L. Spessard Acting Sr. Reactor Inspector

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Enclosure: Subject Inquiry Report

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cc: E. G. Case, DRS (3)
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 H. R. Denton, DRS (2)
 A. Giambusso, CO
 L. Kornblith, CO
 R. H. Engelken, CO
 Regional Directors, CO
 DR Central Files

CO Inquiry Report No. 50-219/71-14

Subject: Jersey Central Power & Light Company

License No.: DPR-16

Facility: Oyster Creek 1

Title: Excessive Inventory of Radionuclides in Liquid Waste Tanks

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Prepared by: F. S. Cantrell, Reactor Inspector

Date

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A. Date & Manner AEC was Informed:

By telephone call from Mr. T. McCluskey, Station Superintendent, December 7, 1971.

### B. Description of Particular Event or Circumstance:

Mr. McCluskey stated that the calculated inventory of radionuclides in the "tank farm" on December 7, 1971 was 1.0 Ci. The Technical Specifications limit the inventory of radionuclides to 0.7 Ci (TS paragraph 3.6.C). The inventory of radionuclides in the "tank farm" was 1.2 Ci on November 29, 1971 (Inquiry Report No. 50-219/71-13) and Oyster Creek was unable to recycle the liquid because the tubes in the waste concentrator were plugged. During the concentrator repair period, the radionuclide inventory was reduced to 0.8 C1, by December 6, 1971, by transferring approximately 11,000 gallons of liquid waste to a Nuclear Engineering, Co., Inc. tank truck (License No. 16-NSF-1) for disposal, drumming liquid for shipment, and releasing to the discharge canal as permitted by TS 3.6.B. During this period it was necessary to regenerate the waste demineralizer. This caused an increase in liquid waste and resulted in the loss of approximately 1 day in the operation of the rad waste system.

#### C. Action by Licensee:

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The licensee requested a temporary Technical Specification change for increasing the "tank farm" inventory to 1.5 Ci, until December 12, 1971. During this period the licensee intends to operate the rad waste system at the maximum capacity.

## DEC 2 1971

R. T. Carlson, Acting Chief, Reactor Testing & Operations Br. Division of Compliance, HQ

CO INQUIRY REPORT NO. 50-219/71-13 JERSEY CENTRAL POWER & LIGHT COMPANY OYSTER CREEK 1 - BWR EXCESSIVE INVENTORY OF RADIONUCLIDES IN LIQUID WASTE TANKS

The subject inquiry report is forwarded for your information.

The licensee indicated that the repair of the concentrator and the planned shipments of liquid waste should reduce the radionuclide concentration to the 0.7 Ci limit by Saturday, December 4, 1971. The actions taken by the licensee with respect to this subject are considered adequate.

We plan to follow the licensee's study of this subject during our next inspection. The licensee plans to submit a report to DRL within 10 days on this subject.

> G. L. Madsen Acting Sr. Reactor Inspector

Enclosure: Subject Inquiry Report

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cc: E. G. Case, DRS (3)
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CO Inquiry Report No. 50-219/71-13

Subject: Jersey Central Power & Light Company

License No.: DPR-16

Facility: Oyster Creek 1

Title: Excessive Inventory of Radionuclides in Liquid Waste Storage Tanks

Frepared by:

F. S. Cantrell, Reactor Inspector

Date

A. Date & Manner AEC was Informed:

By telephone call to Mr. T. McCluskey, Station Superintendent on November 30, 1971.

B. Description of Particular Event or Circumstance:

Mr. McCluskey stated that the calculated inventory of radionuclides in the "tank farm" on November 23, 1971 was 1.0 Ci. The Technical Specifications limit the inventory of radionuclides to 0.7 Ci (TS paragraph 3.6.C). The contents of the "tank farm" were recycled as required by TS paragraph 3.6.C, until the inventory was less than 0.7 Ci. The "tank farm" was in limits approximately three hours after the violation was determined.

On November 29, 1971, the calculated inventory was 1.2 C1 of radionuclides in the "tank farm". At that time, the contents could not be recycled to the rad waste building, because the tanks in this area were full and the waste concentrator was plugged.

C. Action by Licensee:

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- The licensee has transferred 3700 gallons of liquid waste to a Nuclear Engineering Co., Inc. tank truck (License No. 16-NSF-1) for disposal. Plans are to ship up to 20,000 gallons.
- The head of the waste concentrator has been removed and the core is being drilled out.
- 3. Inventory is also being reduced by drumming and by releasing to the discharge canal as permitted by TS 3.6.B.
- The licensee plans to make a written report of the above subject to DRL within 10 days as required by Technical Specifications. (Paragraph 6.6.B)

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