# Jersey Central Power & Light Company

MADISON AVENUE AT PUNCH BOWL ROAD • MORRISTOWN, N. J. 07960 • 201-539-6111

MEMBER OF THE General Public Utilities Corporation SYSTEM

January 24, 1974



Mr. A. Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
United States Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Giambusso:

Subject: Oyster Creek Station
Docket No. 50-219
Abnormal Occurrence Report No. 50-219/74/3

The purpose of this letter is to forward to you the attached Abnormal Occurrence Report in compliance with paragraph 6.6.2.a of the Technical Specifications.

Enclosed are forty copies of this submittal.

Very truly yours,

Donald A. Ross

Donald A. Ross
Manager, Nuclear Generating Stations

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Enclosures

cc: Mr. J. P. O'Reilly, Director
Directorate of Regulatory Operations, Region I

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OYSTER CREEK NUCLEAR GENERATING STATION
FORKED RIVER, NEW JERSEY 08731

Abnormal Occurrence
Report No. 50-219/74/3

Report Date:

January 24, 1974

Occurrence Date:

January 13, 1974

Identification of Occurrence:

Failure of Hydraulic Shock and Sway Arrestors on one Core Spray System and on both Isolation Condenser Systems. This event is considered to be an abnormal occurrence as defined in the Technical Specifications, paragraph 1.15D.

Conditions Prior to Occurrence:

The plant was in a cold shutdown condition with reactor coolant at <212°F.

Description of Occurrence:

During the required inspection of the Bergen Paterson HSSA-10 units in the primary containment, five units were discovered to be devoid of fluid. They were located as follows:

3 - "A" Isolation Condenser
1 - "B" Isolation Condenser
1 - Core Spray System No. 2

Apparent Cause of Occurrence:

The cause of snubber inoperability was due to a loss of hydraulic fluid. Disassembly of each of the inoperable snubbers has revealed no visually obvious deterioration of the seal material except for some brittleness.

Analysis of Occurrence:

The safety significance of this occurrence was a partial loss of the seismic restraining ability for the two affected systems. Had the plant suffered a design bases earthquake, the probability that these two systems would have suffered structural damage was increased.

Corrective Action:

The failed units were replaced with units that were rebuilt with ethylene propylene (Parker Grade E652-90) seal material. Four of the inoperable

units were located above the biological shield, a relatively hot area in the containment, and had been rebuilt in September 1973 with molded polyurethane and viton type seal material. All of the units in that area, regardless of condition, have been replaced with units rebuilt with the ethylene propylene type material.

Failure Data:

| | |
|---|---|
| Manufacturer: | Bergen Paterson |
| Type: | HSSA-10 |
| Serial Nos.: | 487517 |
| | 487487 |
| | 477376 |
| | 470924 |
| | 469962 |