

# Jersey Central Power & Light Company



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

General



Public Utilities Corporation

September 23, 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. 50-219/74-47

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  
Manager, Nuclear Generating Stations

CS  
Enclosures

cc: Mr. J. P. O'Reilly, Director  
Directorate of Regulatory Operations, Region 1

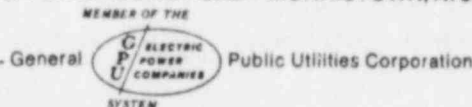
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## OYSTER CREEK NUCLEAR GENERATING STATION FORKED RIVER, NEW JERSEY 08731

Abnormal Occurrence  
Report No. 50-219/74-47

### Report Date

September 23, 1974

### Occurrence Date

September 12, 1974

### Identification of Occurrence

Inoperability of two Bergen-Paterson hydraulic shock and sway arrestors located on the south core spray system. 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 at steady state power with major parameters as follows:

Power:	Reactor, 1907 MWt
	Electric, 646 MWe
Flow:	Recirculation, $59.5 \times 10^6$ lb/hr
	Feedwater, $7.13 \times 10^6$ lb/hr
Reactor Pressure:	1020 psig
Stack Gas:	14,300 $\mu$ Ci/sec

### Description of Occurrence

Two snubbers positioned in a pipe chase on the southwest corner of the reactor building were located during a pipe tracing project. Since neither of the units had previously been inspected or counted during previous inspections, their operability was questionable. Both units were replaced and subsequently tested.

There was no oil in the accumulators on either unit. The piston rod on one unit was essentially frozen in position. Although the second unit was stroked and would "lock up", its motion was not smooth.

#### Apparent Cause of Occurrence

Component failure is the apparent cause of this occurrence.

#### Analysis of Occurrence

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

#### Corrective Action

The two snubbers were replaced with units rebuilt with ethylene propylene seals.

These snubbers were found during the trace-out of the system by an operator. This instituted a retrace of all engineered safeguard systems to locate any additional snubbers which may have been overlooked previously. During this subsequent trace-out, four additional snubbers were located -- two on the south core spray system in the clean up filter sludge tank room, which is a high radiation area and normally inaccessible, and two on the north core spray system in the north core spray pump room in areas which were difficult to observe. These four snubbers were determined to be operable. All of these snubbers have been added to the snubber surveillance inspection program.

#### Failure Data

Manufacturer: Bergen-Paterson  
Type: HSSA-10