To: James P. O'Reilly
Directorate of Regulatory Operations
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

From: Jersey Central Power & Light Company
Oyster Creek Nuclear Generating Station Docket #50-219
Forked River, New Jersey 08731

Subject: Abnormal Occurrence Report No. 50-219/74/ 27

The following is a preliminary report being submitted in compliance with the Technical Specifications paragraph 6.6.2.

Preliminary Approval:

J. T. Carroll, Jr. 4/18/74
Date

cc: Mr. A. Giambusso

3573

COPY SENT REGION

Initial Telephone Report Date: 4/18/74

Date of Occurrence: 4/17/74

Initial Written Report Date: 4/18/74

Time of Discovery: 1500

OYSTER CREEK NUCLEAR GENERATING STATION
FORKED RIVER, NEW JERSEY 08731

Abnormal Occurrence
Report No. 50-219/74/ 27

IDENTIFICATION OF OCCURRENCE:

Violation of the Technical Specifications, paragraph N/A,

Failure of three hydraulic shock and sway arrestors (two located on the main steam line and one on the feedwater line).

This event is considered to be an abnormal occurrence as defined in the Technical Specifications, paragraph 1.15D.

CONDITIONS PRIOR TO OCCURRENCE:

____	Steady State Power	____	Routine Shutdown Operation
____	Hot Standby	____	Load Changes During Routine Power Operation
____	Cold Shutdown	____	Other (Specify)
X	Refueling Shutdown		
____	Routine Startup Operation		

The plant was shutdown with reactor coolant <212°F and in the process of preparing for refueling operations.

DESCRIPTION OF OCCURRENCE:

On April 17, 1974, an inspection was conducted of all Bergen Paterson hydraulic shock and sway arrestor units installed in the drywell. As a result of this inspection, three units, rebuilt in September 1973 with molded polyurethane material, were found inoperable as determined by the absence of fluid level indication in the accumulators. The inoperable units were as follows:

Serial #	System	Elevation
487530	South Main Steam	23'
487512	South Main Steam	51'
487519	South Feedwater	51'

APPARENT CAUSE OF OCCURRENCE:

_____ Design
_____ Manufacture
_____ Installation/ Construction
_____ Operator
_____ Procedure
_____ Unusual Service Condition Inc. Environmental
_____ Component Failure
_____ Other (Specify) _____

None of the units have as yet been disassembled and, consequently, the failure mechanism is unknown at this time.

ANALYSIS OF OCCURRENCE:

Had the design seismic event occurred during power operation, the restraining capabilities of these units may have been seriously impaired and, consequently, degraded the structural integrity of the steam and feedwater lines in question.

CORRECTIVE ACTION:

Current plans are to replace these units and others in the primary containment which still contain molded polyurethane material with units rebuilt exclusively with ethylene propylene material.

FAILURE DATA:

Manufacturer: Bergen-Paterson
Type: HSSA-10
Serial Nos.: 487530
487512
487519

Prepared by: D K Carey, Jr. Date: 4/18/74

File

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Type: HSSA-10
Serial Nos.: 487530
487512
487519

Prepared by: D K Reaves, Jr Date: 4/18/74