

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. 50-219/74/31

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

Preliminary Approval:

J. T. Carroll, Jr. 5/20/74  
J. T. Carroll, Jr. Date

cc: Mr. A. Giambusso

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50-219

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Initial Telephone  
Report Date: 5/20/74

Initial Written  
Report Date: 5/20/74

Date of  
Occurrence: 5/19/74

Time of  
Occurrence: 1530

OYSTER CREEK NUCLEAR GENERATING STATION  
FORKED RIVER, NEW JERSEY 08731

Abnormal Occurrence  
Report No. 50-219/74/ 31

IDENTIFICATION  
OF OCCURRENCE:

Violation of the Technical Specifications, paragraph N/A,  
Inoperability of one Bergen-Paterson Hydraulic Shock and Sway  
Arrestor located on the South Core Spray System in the Reactor  
Building.

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

CONDITIONS PRIOR  
TO OCCURRENCE:

<input type="checkbox"/> Steady State Power	<input type="checkbox"/> Routine Shutdown
<input type="checkbox"/> Hot Standby	<input type="checkbox"/> Operation
<input type="checkbox"/> Cold Shutdown	<input type="checkbox"/> Load Changes During
<input checked="" type="checkbox"/> Refueling Shutdown	<input type="checkbox"/> Routine Power Operation
<input type="checkbox"/> Routine Startup	<input type="checkbox"/> Other (Specify)
<input type="checkbox"/> Operation	

DESCRIPTION  
OF OCCURRENCE:

An inspection of the Reactor Building snubbers, Bergen-  
Paterson Type HSSA-10, located two inoperable units and five  
leaking units. They are as follows:

<u>Unit</u>	<u>System</u>	<u>Condition</u>	<u>Elevation</u>
477287	Containment Spray	Failed	-19'
469873	Containment Spray	Leaking	23'
469903	Shutdown Cooling	Leaking	51'
469846	Core Spray	Leaking	75'
469855	Core Spray	Failed	75'
487465	B. Emergency Cond.	Leaking	75'
477170	A. Emergency Cond.	Leaking	75'

APPARENT CAUSE  
OF OCCURRENCE:

<input checked="" type="checkbox"/> Design	<input type="checkbox"/> Procedure
<input type="checkbox"/> Manufacture	<input type="checkbox"/> Unusual Service Condition
<input type="checkbox"/> Installation/	<input type="checkbox"/> Inc. Environmental
<input type="checkbox"/> Construction	<input type="checkbox"/> Component Failure
<input type="checkbox"/> Operator	<input type="checkbox"/> Other (Specify)

The cause of failure of the Core Spray System snubber was a loss of the hydraulic fluid. This snubber has not been rebuilt since April 1973 and probably has never been rebuilt. The type of seal material in this unit is of the millable gum polyurethane or cast polyurethane type.

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 this system would have suffered structural damage was increased.

CORRECTIVE  
ACTION:

The seven units were replaced with units equipped with EP seals and pressure tested to 4000 psi.

FAILURE DATA:

Manufacturer: Bergen-Paterson  
Type: HSSA-10

Prepared by:

*Jane M. [Signature]*

Date:

5/20/74

To:

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       Cold Shutdown  
  X   Refueling Shutdown  
       Routine Startup  
       Operation

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       Operation  
       Load Changes During  
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FAILURE DATA:

Manufacturer: Bergen-Paterson  
Type: HSSA-10

Prepared by:

*James H. Johnson*

Date:

5/20/74