

To: James P. O'Reilly
Directorate of Regulatory Operations
Region 1
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. 50-219/74/40

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

J. T. Carroll, Jr. 7/16/74
J. T. Carroll, Jr. Date

cc: Mr. A. Ginzburg

8304080350 740716
PDR ADOCK 05000219
S PDR

COPY SENT REGION II

Initial Telephone
Report Date: 7/16/74

Date of
Occurrence: 7/15/74

Initial Written
Report Date: 7/16/74

Time of
Occurrence: 1400

OYSTER CREEK NUCLEAR GENERATING STATION
FORKED RIVER, NEW JERSEY 08731

Abnormal Occurrence
Report No. 50-219/74/ 40

IDENTIFICATION
OF OCCURRENCE:

Inoperability of one Bergen-Paterson Hydraulic Shock and Sway
Arrestor located on the south core spray system in the drywell.

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

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 type="checkbox"/> Refueling Shutdown	<input type="checkbox"/> Routine Power Operation
<input type="checkbox"/> Routine Startup	<input checked="" type="checkbox"/> Other (Specify)
<input type="checkbox"/> Operation	

The reactor was shutdown with reactor coolant temperature
less than 212°F.

DESCRIPTION
OF OCCURRENCE:

An inspection of the drywell shock and sway arrestors,
Bergen-Paterson Type HSEA-10, located an inoperable unit on
the south core spray system. The inoperable unit was installed
in the drywell during the Spring Refueling Outage after it had
been rebuilt with hydraulic components.

APPARENT CAUSE
OF OCCURRENCE:

<input 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 checked="" type="checkbox"/> Component Failure
<input type="checkbox"/> Operator	<input type="checkbox"/> Other (Specify)

The cause of the snubber inoperability was due to loss of hydraulic fluid. Examination of the unit revealed two small cuts on the main cylinder shaft U-cup caused by burrs on the piston.

ANALYSIS OF
OCCURRENCE:

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

CORRECTIVE
ACTION:

The failed unit was replaced with an identical snubber which was rebuilt with ethylene propylene material and pressure tested to 4,000 psi.

FAILURE DATA:

Manufacturer - Bergen-Paterson
Type - HSSA-1C
Serial Number - 487525

Prepared by:

Ronald A. Pughall

Date:

7/16/74