

To:

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



From:

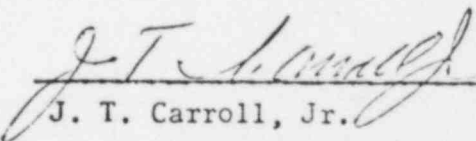
Jersey Central Power & Light Company
Oyster Creek Nuclear Generating Station Docket #50-219
Forked River, New Jersey 08731

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:

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

cc: Mr. A. Giambusso

B304110211 740418
PDR ADOCK 05000219
S PDR


3573
COPY SENT REGION

Initial Telephone
Report Date: 4/17/74

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 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	

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, re-
built 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:

<u>Serial #</u>	<u>System</u>	<u>Elevation</u>
487530	South Main Steam	23'
487512	South Main Steam	51'
487519	South Feedwater	51'

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 type="checkbox"/> Component Failure
<input type="checkbox"/> Operator	<input type="checkbox"/> 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:

DK [Signature]

Date:

4/18/74

To:

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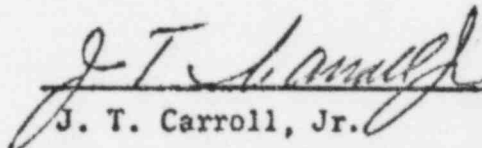
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Handwritten:
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OK Reeves Jr

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