

OYSTER CREEK NUCLEAR GENERATING STATION  
FORKED RIVER, NEW JERSEY 08751

Abnormal Occurrence  
Report No. 50-219/74/ 7

IDENTIFICATION  
OF OCCURRENCE:

Violation of the Technical Specifications, paragraph 2.3.3,  
failure of the RE03D reactor high pressure sensor to trip at  
a point corresponding to a reactor pressure of 1060 psig.

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

CONDITIONS PRIOR  
TO OCCURRENCE:

- |                                   |                                       |
|-----------------------------------|---------------------------------------|
| <u>      </u> Steady State Power  | <u>      </u> Routine Shutdown        |
| <u>      </u> Hot Standby         | <u>      </u> Operation               |
| <u>      </u> Cold Shutdown       | <u>      </u> Load Changes During     |
| <u>      </u> Refueling Shut down | <u>      </u> Routine Power Operation |
| <u>  X  </u> Routine Startup      | <u>      </u> Other (Specify)         |
| <u>      </u> Operation           |                                       |

Reactor Thermal Power - 1080 MWt  
Electrical Power - 342 MWg  
Recirculation Flow - 27.8 X 10<sup>6</sup> lb/hr.  
Reactor Pressure - 1020 psig

DESCRIPTION  
OF OCCURRENCE:

While performing a routine monthly surveillance test on the  
reactor high pressure sensors, RE01A, B, C, and D, it was ob-  
served that RE03D tripped at 1073 psig. This is 7 psig above  
its normal trip point of 1066 psig which reflects a sensor head  
correction of 6 psig. The surveillance test results were as  
follows:

8103-10628'

THIS DOCUMENT CONTAINS  
POOR QUALITY PAGES

	<u>As Found Trip Point</u>	<u>As Left Trip Point</u>	<u>Nominal Trip Point</u>
RE03A	1067 psig	1067 psig	1068 psig
RE03B	1068 psig	1068 psig	1068 psig
RE03C	1066 psig	1066 psig	1066 psig
RE03D	1075 psig	1066 psig	1066 psig

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/<br>Construction | <input type="checkbox"/> Inc. Environmental        |
| <input type="checkbox"/> Operator                      | <input type="checkbox"/> Component Failure         |
|  | <input type="checkbox"/> Other (Specify)           |

The reason for the change in setpoint is under investigation.

ANALYSIS OF  
OCCURRENCE:

The safety significance of this event lies in a loss of system redundancy. Had a pressure excursion occurred, the redundant sensor, RE03C, would have functioned properly and would have terminated the pressure transient in conjunction with the proper actuation of the RE03A and B sensors.

CORRECTIVE  
ACTION:

The sensor was recalibrated and returned to service.

FAILURE DATA:

Manufacturer: Barksdale  
Type: Pressure Actuated Switch  
Switch #: R2T-A1255

Prepared by: Arthur H. Rose Date: 1/23/79