

# Duquesne Light Company

Beaver Valley Power Station  
P.O. Box 4  
Shippingport, PA 15077-0004  
(412) 393-5255

JOHN D. SIEBER  
Vice President - Nuclear Group

April 10, 1992

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

**Subject: Beaver Valley Power Station, Unit No. 1 and No. 2**  
**B' 1 Docket No. 50-334, License No. DPR-66**  
**Bv . Docket No. 50-412, License No. NPF-73**  
**Annual Report of All Challenges to the Pressurizer Power**  
**Operated Relief Valves or Safety Valves**

This report is submitted in accordance with the Beaver Valley Power Station Units No. 1 and 2 Technical specification 6.9.1.5.b.

## Unit 1:

There were three challenges to the pressurizer safety and power operated relief valves (PORV) at Unit 1 during the period of January 1, 1991, to December 31, 1991.

1. Date: April 13, 1991

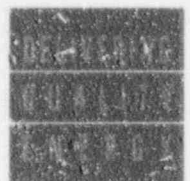
Plant Conditions: Mode 4, RCS pressure was 300 psig, Overpressure Protection System (OPPS) was in service. A cooldown to Mode 5 was in progress.

Summary: Pressurizer Power Operated Relief Valve, PCV-RC-445C, opened while OPPS was in service due to RCS pressure slowly reaching 327 psig. Pressure decreased to 303 psig and PORV reclosed.

2. Date: July 4, 1991

Plant Conditions: Mode 4, RCS pressure was 315 psig, Overpressure Protection System (OPPS) was in service. A cooldown to Mode 5 was in progress.

Summary: Pressurizer Power Operated Relief Valve, PCV-RC-445C, opened for 37 seconds then reclosed, while reactor operator was controlling RCS pressure in a narrow band to maintain RC-P-1C seal delta-pressure and seal leakoff flow.



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BV-2 Docket No. 50-412, License No. NPF-73  
Annual Report of All Challenges to the Pressurizer Power  
Operated Relief Valves or Safety Valves  
April 7, 1992  
Page 2

3. Date: September 21, 1991

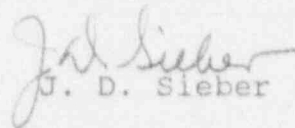
Plant Conditions: Mode 5, RCS pressure was 360 psig, Overpressure Protection System (OPPS) was in service.

Summary: Pressurizer Power Operated Relief Valve, PCV-RC-455C, opened for 10 seconds then reclosed. The cause for actuation was unknown. No overpressure condition existed.

Unit 2:

There were no challenges to the pressurizer safety and power operated relief valves (PORV) at Unit 2 during the period of January 1, 1991, to December 31, 1991.

Sincerely,

  
J. D. Sieber

cc: Mr. L. W. Rossbach, Sr. Resident Inspector  
Mr. T. T. Martin, NRC Region 1 Administrator  
Mr. A. W. DeAgazio, Project Manager  
Mr. M. L. Bowling (VEPCO)