

Duquesne Light Company

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Vice President - Nuclear Group

May 12, 1992

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

Subject: Beaver Valley Power Station, Unit No. 1 and No. 2
BV-1 Docket No. 50-334, License No. DPR-66
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 (Revision 1)

This report is submitted in accordance with the Beaver Valley Power Station Units No. 1 and 2 Technical Specification 6.9.1.5.b. This revision corrects the Unit 2 information previously submitted on April 10, 1992.

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

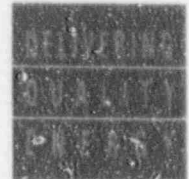
Plant Conditions: Mode 4, RCS pressure was 315 psig, Overpressure Protection System (OPPS) was in service. A cooldown to Mode 5 was in progress.

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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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 was one challenge to the pressurizer safety and power operated relief valves (PORV) at Unit 2 during the period of January 1, 1991, to December 31, 1991.

1. Date: November 26, 1991

Plant Conditions: Mode 1 at 100 percent reactor power, RCS pressure and temperature at normal operating values.

Summary: A reactor/turbine trip occurred due to closure of three of four governor valves. 2RCS*PCV455C opened for 1.546 seconds then reclosed. The cause for actuation was the primary system pressure increase following the load rejection.

Sincerely,


J. D. Sieber

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