



**Duquesne Light**

Nuclear Group  
P.O. Box 4  
Shippingport, PA 15077-0004

Telephone (412) 393-6000

July 29, 1985  
ND1SS1:2506

Beaver Valley Power Station, Unit No. 1  
Docket No. 50-334, License No. DPR-66  
Special Report

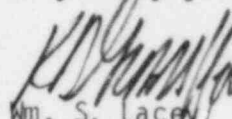
Dr. T. E. Murley  
Regional Administrator  
United States Nuclear Regulatory Commission  
Region 1  
Park Avenue  
King of Prussia, PA 19406

Gentlemen:

In accordance with Appendix A, Beaver Valley Technical Specification, 3.3.3.1, "Radiation Monitoring Instrumentation", the following Special Report is submitted. This report is required when the conditions specified in Technical Specification 3.3.3.1.b are not satisfied.

On 7/20/85 at 1630 hours, RM-MS-100B, Main Steam Monitor, was declared out-of-service due to the receipt of a high alarm with normal background radioactivity present. This is nonconservative with respect to Technical Specification 3.3.3.1 and reportable per Technical Specification 3.3.3.1.b. This channel is one of three that monitors atmospheric steam dump valve and code safety relief valve discharge from the steam generator relief headers. Alternate preplanned monitoring is in effect until this channel is returned to service. Investigations to determine the cause of the erroneous signal were conducted, but yielded no determination of the root cause. The vendor, Victoreen Instruments, was contacted and has been assisting in the troubleshooting. A supplemental report will be issued after the results of this investigation are known. There were no safety implications to the public because no high activity releases occurred prior to the channel failure, and alternate preplanned monitoring is available until this channel is returned to service.

Very truly yours,

  
Wm. S. Lacey  
Plant Manager

KW/md

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T. E. Murley  
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cc; Director of Management & Program Analysis  
United States Nuclear Regulatory Commission  
Washington, D.C. 20555

C. A. Roteck, Ohio Edison

Director, Office of Inspection and Enforcement Headquarters  
United States Nuclear Regulatory Commission  
Washington, D.C. 20555

Mr. Peter Tam, BVPS Licensing Project Manager  
United States Nuclear Regulatory Commission  
Washington, D.C. 20555

W. R. Troskoski, Nuclear Regulatory Commission, BVPS Site Inspector, BV-A

Mr. Alex Timme, CAPCO Nuclear Projects Coordinator, Toledo Edison

INPO Records Center  
Suite 1500  
1100 Circle 75 Parkway  
Atlanta, GA 30339

G. E. Muckle, Factory Mutual Engineering, Pittsburgh

Mr. J. A. Triggiani, Operating Plant Projects Manager  
Mid Atlantic Area  
Westinghouse Electric Corporation  
Nuclear Services Integration Division  
Box 2728  
Pittsburgh, PA 15230

American Nuclear Insurers  
c/o Dottie Sherman, ANI Library  
The Exchange Suite  
270 Farmington Avenue  
Farmington, CN 06032