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DUQUESNE LIGHT COMPANY
Beaver Valley Power Station
Post Office Box 4
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November 21, 1980
BVPS:JAW:1033

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

Mr. B. H. Grier, Director of Regulation
United States Nuclear Regulatory Commission
Region 1
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Grier:

In accordance with Appendix A, Beaver Valley Technical Specification, 3.3.3.3, the following special report is submitted. This report is a follow-up report to a previous special report dated April 3, 1980.

On February 25, 1980, two frequencies on the Peak Shock Annunciator System actuated their visual alarms. After checking the Strong Motion Accelerograph seismic trigger, we determined that no actual seismic event has occurred. The frequencies that annunciated were the 20.2 Hz 70% and 100% Operational Basis Earthquake (OBE) signals and the 25.4 Hz 70% (OBE) signal. Both were for the north-south direction.

Prior to troubleshooting the system, the 100% (OBE) alarm was reset and the visual alarm cleared. The problem with the 70% (OBE) visual alarm has been traced to the reed switches in the transmitter in containment.

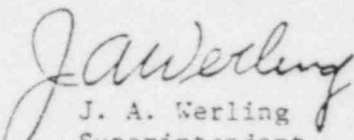
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The system has been checked and calibrated by the vendor. At present, the system has some slight impairments. Due to the state of the art advances, a more reliable system is available and a procurement request has been submitted. We will continue to operate with the Peak Shock Annunciator as is until the new system arrives. We also have Peak Recording Accelerometers and the Accelerograph Recording systems to provide redundancy in monitoring seismic events.

Very truly yours,


J. A. Werling
Superintendent

cc: Director Of Management & Program Analysis
United States Nuclear Regulatory Commission
Washington, D. C. 20555

W. J. Ross, BVPS Licensing Project Manager
United States Nuclear Regulatory Commission
Washington, D. C. 20555

D. A. Beckman, Nuclear Regulatory Commission, BVPS Site Inspector

P. Higgins, Secretary, Prime Movers Committee - EEI

Nuclear Safety Analysis Center, Palo Alto, California