

Duquesne Light Company

Beaver Valley Power Station
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February 8, 1993

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U. S. Nuclear Regulatory Commission
Attn: Docketing and Service Branch
Washington, DC 20555

Subject: Beaver Valley Power Station, Unit No. 2
Docket No. 50-412, License No. NPP-73
Alternate Minimum Flow Recirculation Subsystem

In response to the request of November 25, 1992, and subsequent request dated December 18, 1992, Duquesne Light Company (DLC) met with the Nuclear Regulatory Commission (NRC) on January 7, 1993. This meeting was jointly attended by the four plants with potential alternate minimum flow recirculation subsystem (AMF) concerns which included Millstone 3, Vogtle 1 and 2, Commanche Peak 1 and 2 and Beaver Valley 2. Westinghouse was invited to attend by the utilities in order to provide the necessary generic history and system details concerning the AMF. DLC representatives reviewed the Beaver Valley 2 system in detail and identified the basis for determining system operability.

The DLC conclusion of operability was based on the following:

- An engineering analysis was performed by DLC and validated by Westinghouse to confirm that hydraulic design parameters were satisfactory to prevent fluid flow problems such as relief valve chatter.
- A successful AMF flow test was performed at the Commanche Peak plant. Beaver Valley 2 and Commanche peak have similar hydraulic characteristics.
- There are significant differences in configuration and hydraulic design parameters between Beaver Valley 2 and Shearon Harris. It was these design parameters that contributed to the Shearon Harris event.

As an additional enhancement, DLC will implement emergency operating procedure changes by February 5, 1993, to address considerations beyond design bases for the potential of excess blowdown through the relief valves.

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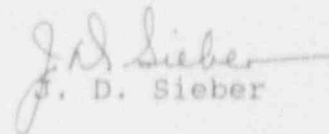
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In addition, we will bench test at least one of the subject relief valves at each refueling outage to determine the valve setpoint.

As discussed in the meeting of January 7, the Beaver Valley 2 AMF subsystem is operable for all combinations of high head safety injection pump operation.

If you have any questions on this issue, please contact Mr. N. K. Tonet, Manager of Nuclear Safety.

Sincerely,


J. D. Sieber

cc: Mr. L. W. Rossbach, Sr. Resident Inspector
Mr. T. T. Martin, NRC Region I Administrator
Mr. G. E. Edison, Project Manager
Mr. M. L. Bowling (VEPCO)