

Duquesne Light Company

Beaver Valley Power Station
P.O. Box 4
Shippingport, PA 15077-0004

JOHN D. SIEBER
Vice President - Nuclear Group

December 3, 1990

04121 353-5205

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

Reference: Beaver Valley Power Station, Unit No. 1
Docket No. 50-334, License No. DPR-66
Additional Information - TAC 76889

Gentlemen:

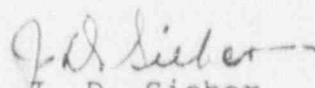
This provides our response to your request for additional information dated October 30, 1990 concerning our request to implement a variable Overpressure Protection System (OPPS) setpoint as a function of temperature.

The OPPS is required to be placed in service during plant cooldown following Operating Manual Chapter 51, Procedure D, Station Shutdown - Cooldown from the Hot Shutdown (mode 4) to the Cold Shutdown (mode 5). The OPPS is then placed in service in accordance with Operating Surveillance Test (OST) 1.6.8, Placing Overpressure Protection System in Service. A temperature is selected and the corresponding pressure is obtained from new Figure 3.4-4 then the actuation setpoint is set and is verified monthly in accordance with Maintenance Surveillance Procedures (MSP's) 6.68 and 6.69. Normally the setpoint is set once on plant cooldown prior to decreasing Tavg below the current Technical Specification value of 275°F and is then removed on plant heatup when Tavg increases above 275°F. Utilizing existing equipment, the methodology to be applied upon receipt of NRC approval is to select a setpoint, which envelopes all RCS temperature ranges expected for anticipated plant conditions.

A plant design change (DCP-1587) is being considered to incorporate an automatic setpoint function similar to that used at BV-2, however, no schedule has yet been determined to implement this change.

If you have any questions regarding this submittal, please call members of my staff.

Sincerely,


J. D. Sieber
Vice President
Nuclear Group

cc: Mr. J. Beall, Sr. Resident Inspector
Mr. T. T. Martin, NRC Region I Administrator
Mr. A. W. DeAgazio, Project Manager
Mr. R. Saunders (VEPCO)

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