

# Duquesne Light Company

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

JOHN D. SIEBER  
Vice President - Nuclear Group

October 25, 1990

(412) 383-5255

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  
Proposed Operating License Change Request No. 183  
(TAC No. 77830)

Gentlemen:

Enclosed are:

1. An Application for Amendment to the above operating License to reduce the required river water flow rate through the Recirculation Spray heat exchangers from 8,000 gpm to 6,000 gpm for the remainder of cycle eight (8) operation.
2. Documents designated Attachments A, B and C which set forth the change in the Technical Specifications, the safety analysis, including the no significant hazards evaluation, and the typed replacement Technical Specification pages.

On October 18, 1990, we submitted a request for a temporary waiver of compliance in meeting the Beaver Valley Unit No. 1 Technical Specifications. Specifically, the Limiting Condition for Operation (LCO) for the containment recirculation spray system (RSS) required a minimum flow of 8,000 gallons per minute through RSS subsystems which includes two heat exchangers in each subsystem. This value had not been met and it had been determined that the flow through the "C" heat exchanger of the "A" Train subsystem was experiencing unexpected increases in flow resistance. This is a result of tube plugging due to Asiatic clams and other river water debris. The request was to permit redefining the minimum required river water flow through the RSS heat exchangers while still satisfying the safety analysis with respect to containment depressurization and offsite dose consequences.

The temporary waiver was granted to the Duquesne Light Company (DLC) on October 19, 1990 and permits continued plant operation with a reduced flow of at least 6,000 gpm through the recirculation spray heat exchangers until a change to the Technical Specification can be processed. Attached is our proposed change which incorporates the revised operating restrictions specified in the temporary waiver. We will increase our monitoring of the river water flow to a monthly basis and continue this test frequency, on any recirculation spray heat exchanger train which exhibits a flow of less than 8,000 gpm, until the eighth (8th) refueling outage. In the event that a rapid degradation of river water flow is occurring, we will take the appropriate actions to place the plant in a safe condition.

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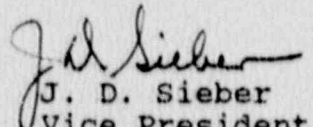
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This change was reviewed by the OSC and ORC and was determined to be safe and does not involve on unreviewed safety question.

We request that this proposed change be handled as an emergency Technical Specification Change in accordance with 10 CFR 50.91(a)(5). Based on BVPS Unit 1 presently operating under the temporary waiver of compliance which allows a reduction in river water flow to the Recirculation Spray System heat exchangers, it is necessary that the change be handled as an emergency change.

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)