



Duquesne Light

435 Sixth Avenue  
Pittsburgh, Pa.  
15219

(412) 456-6000

August 11, 1980

Director of Nuclear Reactor Regulation  
United States Nuclear Regulatory Commission  
Attn: Mr. Steven A. Varga, Chief  
Operating Reactors Branch No. 1  
Division of Licensing  
Washington, DC 20555

Reference: Beaver Valley Power Station, Unit No. 1  
Docket No. 50-334  
Revision to Proposed Technical Specification For NPSH  
Modifications

Gentlemen:

Enclosed are three (3) signed originals and thirty-seven (37) copies of a revision to the proposed technical specifications for NPSH modifications to the Low Head Safety Injection and Recirculation Spray Pumps.

The purpose of this change is to revise the logic for the actuation of the automatic Quench Spray flow reduction.

#### Safety Evaluation

The application of the single failure criteria of IEEE 279-1971 to the design of the Quench Spray and Chemical Addition Systems of the Beaver Valley Power Station results in the determination that the results of a single failure of one of the quench spray cutback valves to function is bounded by the single failure of a diesel generator or a quench spray pump.

Therefore, the results of the containment depressurization analysis, as submitted, are not invalidated by assuming that the single active failure which occurs is a failure of the cutback valve to activate at the required time.

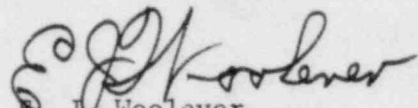
The OSC and ORC have reviewed the proposed change to the technical specifications and have determined that there are no safety implications associated with the change and that the change does not provide an un-reviewed safety question.

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Since this is a change to an existing technical specification request,  
we have determined that a fee is not required.

Very truly yours,



E. J. Woolever  
Vice President,  
Engineering & Construction

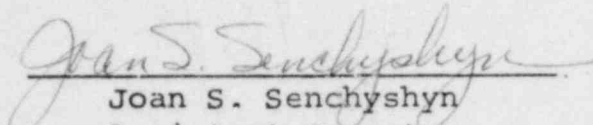
Enclosures

cc: Mr. D. A. Beckman, Resident Inspector  
U. S. Nuclear Regulatory Commission  
Beaver Valley Power Station  
Shippingport, Pennsylvania 15077

U. S. Nuclear Regulatory Commission  
c/o Document Management Branch  
Washington, D.C. 20555

(CORPORATE SEAL)

Attest:

  
Joan S. Senchyshyn  
Assistant Secretary

COMMONWEALTH OF PENNSYLVANIA)

) SS:

COUNTY OF ALLEGHENY

On this 11th day of August, 1980, before me, DONALD W. SHANNON, a Notary Public in and for said Commonwealth and County, personally appeared E. J. Woolever, who being duly sworn, deposed, and said that (1) he is Vice President of Duquesne Light, (2) he is duly authorized to execute and file the foregoing Submittal on behalf of said Company, and (3) the statements set forth in the Submittal are true and correct to the best of his knowledge, information and belief.



DONALD W. SHANNON, NOTARY PUBLIC  
PITTSBURGH, ALLEGHENY COUNTY  
MY COMMISSION EXPIRES JUNE 7, 1983  
Member, Pennsylvania Association of Notaries

TABLE 3.3-3 (continued)

ENGINEERED SAFETY FEATURE ACTUATION SYSTEM

<u>FUNCTIONAL UNIT</u>	<u>TOTAL NO. OF CHANNELS</u>	<u>CHANNELS TO TRIP</u>	<u>MINIMUM CHANNELS OPERABLE</u>	<u>APPLICABLE MODE</u>	<u>ACTION</u>
1A. SAFETY INJECTION-TRANSFER FROM INJECTION TO THE RE- CIRCULATION MODE					
A. Manual Initiation	2 Sets (2 Switches/Set)	1 Set	2 Sets	1, 2, 3, 4	18
B. Automatic Actuation Co- incident With Safety Injection Signal	2	1	2	1, 2, 3	18
C. Refueling Water Storage Tank Level-Low	4	2	3	1, 2, 3	16
D. Refueling Water Storage Tank Level - Auto QS Flow Reduction	1/Train	1/Train	1/Train	1, 2, 3	18

BEAVER VALLEY - UNIT 1

3/4 3-16A

PROPOSED WORDING