



## Duquesne Light

435 Sixth Avenue  
Pittsburgh, Pennsylvania  
15219

(412) 456-6000

June 19, 1979

Mr. Harold R. Denton  
Director of Nuclear Reactor Regulation  
United States Nuclear Regulatory Commission  
Attention: A. Schwencer, Chief  
Operating Reactors Branch No. 1  
Division of Operating Reactors  
Washington, D.C. 20555

Reference: Beaver Valley Power Station, Unit No. 1  
Docket No. 50-334  
Request to Modify the Commission's March 13, 1979  
"Order to Show Cause"

Gentlemen:

Enclosed are three (3) signed originals and thirty-seven (37) copies of a "Report on the Reanalysis of Safety Related Piping Systems for Beaver Valley No. 1 Unit". Included with this report are the responses to the staff's formal requests for additional information as well as the responses to the questions raised during the staff's review of the reanalysis conducted at the offices of the Stone & Webster Engineering Corporation during the week of June 4, 1979.

The report updates the status of the analysis effort as reported to you in Mr. Woolever's letter of June 11, 1979, and provides a summary of the results of the reanalysis of safety related piping at Beaver Valley that have been performed to date.

Within the next two weeks, as described in the report, a total of six piping supports will be modified and two new supports, consisting of a total of three snubbers, will be installed. The completion of these modifications will assure that the occurrence of the safe shutdown earthquake for Beaver Valley Unit 1 will not result in seismic loads on piping systems which will impair the functional capability of engineered safety features or the emergency core cooling systems, or prevent the maintenance of safe shutdown conditions or result in irreparable damage to systems required to bring the plant to a cold shutdown condition.

We therefore request that so much of the Commission's March 13, 1979 Order which requires the plant to remain in a shutdown condition be modified at this time to permit interim operation of the unit until the time for refueling. We estimate that the reactor will be ready for refueling after operation for a period of six to seven weeks following startup.

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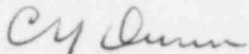
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During the first refueling outage, additional modifications will be made to approximately two dozen pipe supports for the component cooling water system, as well as to any other pipe supports that might require modification to prevent the occurrence of stress conditions on some supports that could necessitate a plant shutdown subsequent to the occurrence of a seismic event of a severity less than the magnitude of the Operational Basis Earthquake for which the plant is presently licensed.

The balance of the current reanalysis effort will continue during this interim operation in order to identify required modifications for the remaining piping systems analyzed with Shock II--i.e., those piping systems which are not required for safe shutdown capability or not associated with the engineered safety features or the emergency core cooling systems--and any additional modifications will be completed during the second refueling period.

Very truly yours,

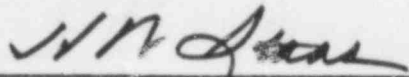
  
C. N. Dunn  
Vice President, Operations

Enclosure

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(CORPORATE SEAL)

Attest:



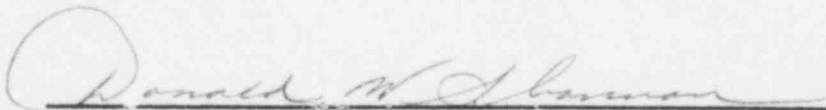
H. W. Staas  
Secretary

COMMONWEALTH OF PENNSYLVANIA)

) SS:

COUNTY OF ALLEGHENY )

On this 19<sup>th</sup> day of JUNE, 1979, before me, DONALD W. SHANNON, a Notary Public in and for said Commonwealth and County, personally appeared C. N. Dunn, 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

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