



Duquesne Light

Nuclear Construction Division
Robinson Plaza, Building 2, Suite 210
Pittsburgh, PA 15205

2NRC-5-115
(412) 787-5141
(412) 923-1960
Telecopy (412) 787-2629
8-7-85

United States Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Mr. George W. Knighton, Chief
Licensing Branch 3
Office of Nuclear Reactor Regulation

SUBJECT: Beaver Valley Power Station - Unit No. 2
Docket No. 50-412
Utilization of Code Case N-411 Damping and Regulatory Guide 1.122
Peak Spreading

REFERENCES: 1) DLC Letter 2NRC-5-029, dated February 20, 1985
2) NRC Letter to DLC, dated June 7, 1985

Gentlemen:

In Reference 1, Duquesne Light Company (DLC) requested approval to utilize, for selected cases only, the amplified response spectra peak spreading technique of Regulatory Guide 1.122 and the ASME III Code Case N-411 damping values. The response in Reference 2 indicated that the staff finds the application of Regulatory Guide 1.122 acceptable. It indicated that the utilization of the Code Case N-411 damping values is also acceptable provided there is compliance with four specific commitments.

The purpose of this letter is to document the corresponding DLC commitments, which are as follows:

- a) This code case will be used only for seismic analyses using response spectrum methods and not for those using time-history analysis methods.
- b) This code case will be used only for reconciliation work and for support optimization.
- c) When this code case is used together with changes in the support arrangement that increases the flexibility of the piping system, then the predicted maximum displacements will be checked to ensure adequate clearance with adjacent structures, components, and equipment. Also, any increased motion of mounted safety-related equipment will be checked to ensure its integrity.
- d) When the alternate damping criteria of this code case are used, they will generally be used in their entirety in a given analysis. When reevaluation is limited to certain components, a review will be made to ensure that all other results of the analysis using code case criteria have either decreased or have been affected insignificantly.

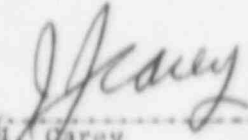
United States Nuclear Regulatory Commission
Mr. George W. Knighton, Chief
Utilization of Code Case N-411 ...
Page 2

Since the above commitments comply with those stated in Reference 2,
DLC will begin utilizing the Code Case N-411 damping values accordingly.

The appropriate changes will be included in a future PSAR amendment.

DUQUESNE LIGHT COMPANY

By

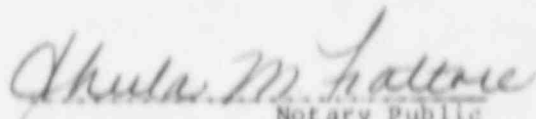

J. J. Carey
Vice President

JJS/wjs

cc: Mr. B. K. Singh, Project Manager
Mr. G. Walton, NRC Resident Inspector

COMMONWEALTH OF PENNSYLVANIA)
) SS:
COUNTY OF BEAVER)

On this 2th day of August, 1985, before me, a
Notary Public in and for said Commonwealth and County, personally appeared
J. J. Carey, 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.


Notary Public

SHEILA M. FATTORÉ, NOTARY PUBLIC
SHIPPINGPORT BORO, BEAVER COUNTY
MY COMMISSION EXPIRES SEPT. 16, 1985
Member, Pennsylvania Association of Notaries