



# Duquesne Light

435 Sixth Avenue  
Pittsburgh, Pa.  
15219

(412) 455-6000

August 14, 1981

United States Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Attn: Boyce H. Grier, Regional Director  
Region I  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Reference: Beaver Valley Power Station, Unit No. 1  
Docket No. 50-334, License No. DPR-66  
IE Bulletin 79-14

Gentlemen:

This letter is to inform you of the status of the equipment nozzle load evaluations being performed as indicated in attachment B of our report dated April 7, 1981.

All the IEB 79-14 nozzle evaluations have been completed and the required modifications installed except for two items. The subject equipment and other pertinent information is shown on attachment A to this letter.

The vendor of item 1, the control room air conditioning evaporator coils, has informed us that they can not quantify the load carrying capacity of the nozzle connections.

Since the units have operated satisfactorily since the plant start up and the calculated loads and seismic contributor are small, we do not categorize this as a safety problem, and we do not intend to perform any modification.

Item No. 2, the redundant river water control room air conditioning coils are not required for safety reasons due to the presence of the two 100% air conditioning units, which are safety grade. These coils are normally isolated from the river water system and will remain isolated until piping modifications are installed to assure the structural adequacy of the cooling coils. This equipment will be modified by the end of the next refueling.

We have completed the review and reanalysis in compliance with IEB 79-14 and consider this our final submittal.

If you have any questions concerning this response, please contact my office.

Very truly yours,

J. J. Carey  
Vice President, Nuclear

Attachment

*Item # 15*

*415*

*(3)*

Beaver Valley Power Station, Unit No. 1  
Docket No. 50-334, License No. DPR-66  
IE Bulletin 79-14  
Page 2

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

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

DUQUESNE LIGHT COMPANY  
Beaver Valley Power Station - Unit 1

ATTACHMENT A  
Status of Equipment Nozzles  
August 14, 1981

<u>EQUIPMENT NAME</u>	<u>EQUIPMENT MK. NO.</u>	<u>NO. CONN.</u>	<u>CALCULATED LOADS</u> <u>FORCE LBS. MOMENT FT. LBS.</u>		<u>SEISMIC LOAD CONTRIBUTION</u>	<u>AMT. OF OVERLOAD</u>	<u>COMMENTS</u>
1. Control Room Air Conditioning Evap. Coil	VS-AS-1A VS-AS-1B	12	27 min 76 max	14 min 46 max	17% min 38% max	N/A	No vendor allowables; loads are minimal
2. River Water Cooling Coils	VS-E-14A VS-E-14B	6	123 min 244 max	110 min 187 max	10% min 29% max	65 to 600%	Add pipe support