



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

MAR 27 1981

Docket No. 50-334
File No: IAL-81-16



Duquesne Light Company
ATTN: Mr. S. G. Schaffer
President
435 Sixth Avenue
Pittsburgh, Pennsylvania 15219

Gentlemen:

This refers to a telephone conversation between Mr. J. J. Carey of your staff and J. M. Allan of this office on March 27, 1981.

On March 23, 1981, the low pressure suction piping on the 1C Centrifugal Charging Pump was overpressurized as a result of a leaking check valve and the failure of a discharge valve, associated with this pump, to seat tightly. Believing the discharge valve to be fully closed, the pump suction was then isolated. The suction piping was pressurized (to the shut suction valves) causing gasketed joints on the associated piping and valves to deform and leak.

We understand, as a result of this event and with regard to the matters discussed, you have or will take the following actions within 10 days or prior to plant startup (Mode 2):

1. Perform an analysis of the effects of the overpressurization on the suction piping for the pump and determine any necessary action resulting from that analysis.
2. Perform an evaluation of the failure of the 1C pump discharge valve to properly seat. This evaluation will include a review of the design and operation of reach rod operated valves in all plant safety related systems and radwaste systems to include necessary modifications to provide assurance of proper operation.
3. Establish a preventive maintenance program to inspect or test periodic, the valve applications described in Items 1 and 2 above.
4. Perform an evaluation to determine the appropriateness of design of the 3 and 6 inch Velan check valves. This evaluation will include this and all previous failures of this type valve, and will include necessary modifications to ensure proper operation.
5. Perform a review of plant maintenance procedures and switching procedures and revise procedures as necessary to provide specific operational sequences and precautions to assure that system alignment changes do not adversely affect systems, equipment and components outside the boundary of the system

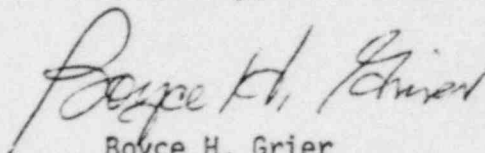
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upon which maintenance is to be performed. In addition, procedures will be reviewed and revised, as necessary, to ensure proper equipment or component operation prior to restoring a system to service after maintenance has been performed.

If our understanding of your planned actions is incorrect, please contact this office by telephone and in writing within 24 hours.

Sincerely,



Boyce H. Grier
Director

cc:

F. Bissert, Technical Assistant Nuclear
R. Washabaugh, QA Manager
J. Werling, Station Superintendent
G. Moore, General Superintendent, Power Stations Department
R. Martin, Nuclear Engineer
J. Sieber, Superintendent of Licensing and Compliance, BVPS
J. J. Carey, Vice President, Nuclear Division