



Nuclear Division
P.O. Box 4
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Telephone (412) 456-6000

May 27, 1982

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, License No. DPR-66
NUREG-0737; item II.K.3.10

Gentlemen:

Reference A: Varga to Carey letter dated February 7, 1981
Reference B: Varga to Carey letter dated November 18, 1981

The above two referenced letters requested the analysis required by NUREG-0737, item II.K.3.10, Proposed Anticipatory Trip Modification. The position statement of II.K.3.10 requests that it be shown that the probability of a small-break loss-of-coolant accident resulting from a stuck-open power-operated relief valve is substantially unaffected by the proposed anticipatory trip modification.

Our letter of October 27, 1978 requested a Technical Specification change and provided a Safety Analysis Report for the deletion of reactor trip following turbine trip below 50 percent power. Recent conversation between the NRC and my staff have indicated that the above mentioned Safety Analysis Report (SAR) was not reviewed to determine if the position statement of II.K.3.10 was satisfied. We are therefore providing an additional copy of the SAR for review against NUREG-0737 concerns.

If you have any questions, please contact my office.

Very truly yours,

J. J. Carey
Vice President, Nuclear

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cc: Mr. William J. Ross, Licensing Project Manager
United States Nuclear Regulatory Commission
Division of Licensing
Washington, DC 20555

Mr. W. M. Troskoski, Resident Inspector
United States Nuclear Regulatory Commission
Beaver Valley Power Station
Shippingport, PA 15077

United States Nuclear Regulatory Commission
c/o Document Management Branch
Washington, DC 20555



Westinghouse
Electric Corporation

Water Reactor
Divisions

Nuclear Service Division

Box 2728
Pittsburgh Pennsylvania 15230

May 4, 1978

RPFP-78-6

Mr. J. A. Werling, Station Superintendent
Duquesne Light Company
Beaver Valley Power Station
P.O. Box 4
Shippingport, PA 15077

Dear Mr. Werling:

Duquesne Light Company
Beaver Valley Power Station Unit No. 1
Deletion of Reactor Trip following
Turbine Trip below 50 percent power
Safety Analysis Report

The attached report presents the results of the analysis done to support deletion of reactor trip following turbine trip below 50 percent power at Beaver Valley Power Station Unit No. 1. The report concludes that reactor trip on turbine trip may be deleted below 50 percent power without presenting a hazard to the integrity of the RCS or main steam system. In addition, the results of analyses to support deletion of reactor trip on turbine trip below 70 percent power are presented. The results show that with respect to core integrity, reactor trip on turbine trip can be deleted below 70 percent power. However, Duquesne Light Company must verify that Beaver Valley Unit No. 1 has the condenser capacity to accept a 70 percent load rejection, otherwise the Reactor Protection System would trip the reactor.

The report includes the following information:

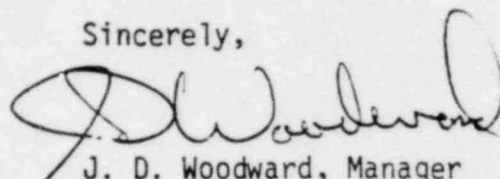
1. Transient results and a general discussion of the assumptions made in the analyses.
2. Proposed changes to the Precautions Limitations and Setpoints document consistent with recommended setpoint.
3. Proposed changes to the Beaver Valley Power Station Unit 1 Standard Technical Specifications consistent with recommended setpoint.

May 4, 1978

RFPF-78-6

If there are any further questions relative to the attached report, please feel free to contact me.

Sincerely,



J. D. Woodward, Manager
Eastern Service Region

JDW/jm

attachment

cc: G. W. Moore

~~██████████~~

H. P. Williams

H. A. Van Wassen

A. R. D'Amico

R. C. Schopper

R. F. Burski

R. E. Martin

B. Sandrock

* F. W. Knowles

*Without Attachment