



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

Docket File
50-412

November 18, 1997

Mr. J. E. Cross
President - Generation Group
Duquesne Light Company
Post Office Box 4
Shippingport, PA 15077

SUBJECT: SAFETY EVALUATION OF RELIEF REQUESTS FOR SECOND 10-YEAR INTERVAL FOR PUMPS AND VALVES INSERVICE TESTING (IST) PROGRAM - BEAVER VALLEY POWER STATION, UNIT NO. 2 (TAC NO. M98909)

Dear Mr. Cross:

By letter dated May 2, 1997, Duquesne Light Company (DLC) submitted an updated IST program applicable for the second 10-year interval for Beaver Valley Power Station, Unit No. 2 (BVPS-2). In this submittal, DLC also included eight relief requests (Pump Relief Requests 1-6 and Valve Relief Requests 1-2) for BVPS-2 for the second 10-year interval. The NRC staff has reviewed these eight relief requests for BVPS-2 against the requirements of Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code pursuant to Section 50.55a of Part 50 to Title 10 of the Code of Federal Regulations. Our safety evaluation (SE) of the relief requests is enclosed. Our SE concludes the following:

1. The proposed alternatives in Pump Relief Requests 1, 2, and 6 are authorized pursuant to 10 CFR 50.55a(a)(3)(i). The proposed alternative in Pump Relief Request 5 is authorized pursuant to 10 CFR 50.55a(a)(3)(ii). Valve Relief Request 1 is not required. Valve Relief Request 2 and Pump Relief Requests 3 and 4 are granted pursuant to 10 CFR 50.55a(f)(6)(i).
2. The scope of the IST Program for valves described on page 84 of 279 of Enclosure 2 to DLC's May 30, 1997, submittal appears to be incomplete. The statement, "pressure relief devices covered are those for protecting systems or portions of systems which perform a required function in shutting down a reactor to the cold shutdown condition, in maintaining the cold shutdown condition, or in mitigating the consequences of an accident," should be included in the IST program scope as called for in Section 1.1 of OM-10.

Relief valves RV-101 and -102 appear to be Code Class 2 and to have a safety function for protecting the Fuel Pool Cooling & Purification System. These valves should be included in the IST program, as necessary, in accordance with Section 1.1 of OM-10.

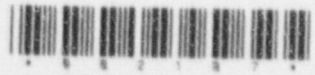
DLC is requested to submit a response to the NRC addressing each of the two anomalies, identified above, within one year of the date of this letter. The scope of the IST program, cold shutdown justifications, refueling outage justifications, and IST program commitments are subject to NRC inspection.

DFOI/1

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E. Cross

- 2 -

If you have any questions regarding this matter, please contact the Beaver Valley Project Manager, Donald S. Brinkman, at (301) 415-1409.

Sincerely,

/s/

John F. Stolz, Director
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-412

Enclosure: Safety Evaluation

cc w/encl: See next page

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DATE	11/7/97	11/6/97	1/197	11/13/97	11/17/97

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DOCUMENT NAME: BV98909.IST

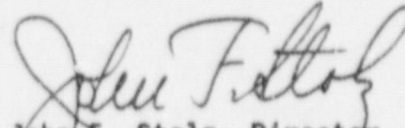
SE dated
Oct. 10 1997
was provided
and no major
changes were
made.

E. Cross

- 2 -

If you have any questions regarding this matter, please contact the Beaver Valley Project Manager, Donald S. Brinkman, at (301) 415-1409.

Sincerely,

A handwritten signature in cursive script, appearing to read "John F. Stolz".

John F. Stolz, Director
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-412

Enclosure: Safety Evaluation

cc w/encl: See next page

J. E. Cross
Duquesne Light Company

Beaver Valley Power Station
Units 1 & 2

cc:

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