



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

February 13, 1995

Mr. J. E. Cross
Senior Vice President and
Chief Nuclear Officer
Nuclear Power Division
Duquesne Light Company
Post Office Box 4
Shippingport, PA 15077

SUBJECT: BEAVER VALLEY POWER STATION, UNIT NO. 2 - RELIEF FROM CERTAIN
ASME CODE REQUIREMENTS FOR INSERVICE TESTING (TAC NO. M89484)

Dear Mr. Cross:

The purpose of this letter is to authorize your proposed alternative for inservice testing (IST) of two trains of parallel valves which isolate the demineralized water system from the recirculation spray system.

In a letter dated May 11, 1994, as supplemented by a letter dated July 5, 1994, Duquesne Light Company (DLC) proposed a relief request from individual valve leakage rate determination for American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code) Class 2, Category A, passive, manual, normally locked-closed valves 2RSS*5 and 2RSS*27 ("A" train, Relief Request 33) and valves 2RSS*6 and 2RSS*28 ("B" train, Relief Request 34). In the May 11 letter, DLC proposed to alternatively test each set of two valves per train as a pair since the configuration of these valves is such that individual leakage rates for each specific valve cannot be determined using the test method of ASME Code, Section XI, paragraphs IWV-3424.

The Code of Federal Regulations, 10 CFR 50.55a, requires that IST of certain ASME Code Class 1, 2, and 3 pumps and valves be performed in accordance with Section XI of the ASME Code and applicable addenda, except where relief has been requested and granted. Section 50.55a(f)(4)(iv) provides that IST of pumps and valves may meet requirements set forth in subsequent editions and addenda that are incorporated by reference in 10 CFR 50.55a(b), subject to the modifications listed, and subject to Commission approval.

The applicable ASME Code for Beaver Valley Power Station, Unit No. 2, IST program is the 1983 Edition with Summer 1983 Addenda. The proposed alternative is from the 1989 Edition. The 1989 Edition of Sections XI and III is the latest Edition referenced in 10 CFR 50.55a.

We have reviewed the information DLC has provided in the May 11, 1994, and July 5, 1994, letters. Based on this review, the NRC staff concludes that the alternative to leak test two valves in parallel each refueling outage is approved pursuant to 10 CFR 50.55a(f)(4)(iv) because the alternative is in accordance with the 1989 Edition of the ASME Code. The staff has also considered the impracticality of compliance with the earlier edition of the Code and the burden on the licensee if the requirements were imposed.

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J. E. Cross

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February 13, 1995

Accordingly, the above identified relief request is hereby authorized, subject to the conditions detailed in the enclosed Safety Evaluation.

By this letter, we are closing TAC No. M89484.

Sincerely,

Original signed by Gordon Edison for
Walter R. Butler, Director
Project Directorate I-3
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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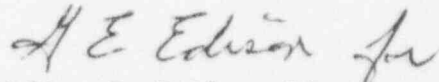
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February 13, 1995

Accordingly, the above identified relief request is hereby authorized, subject to the conditions detailed in the enclosed Safety Evaluation.

By this letter, we are closing TAC No. M89484.

Sincerely,

Handwritten signature of Walter R. Butler in cursive script.

Walter R. Butler, Director
Project Directorate I-3
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

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