

NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
HOLYOKE WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

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(203) 665-5000

April 11, 1985

Docket No. 50-423
B11511

Director of Nuclear Reactor Regulation
Mr. B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

- References: (1) W. G. Counsil letter to B. J. Youngblood, Submittal of Responses to PSB (Electrical) Draft SER Items, dated June 12, 1984.
- (2) B. J. Youngblood letter to W. G. Counsil, SER for Millstone Nuclear Power Station, Unit No. 3, dated July, 1985.

Dear Mr. Youngblood:

Millstone Nuclear Power Station, Unit No. 3
SER Open Item (13), Power Operated Relief Valve (PORV)
and Block Valve, Compliance with NUREG-0737, Item II.G.1

In Reference (1), Northeast Nuclear Energy Company (NNECO) provided the description of the compliance with NUREG-0737, Item II.G.1 concerning power supply requirements for the PORVs and their associated block valves. The present power supply configuration employs a cross train arrangement where the PORV receives power from 125V vital DC from one train and its associated block valve receives power from the opposite train 480V AC emergency bus. The NRC did not accept this power supply arrangement and stated that it does not meet the recommendation of BTP RSB 5-2 for overpressurization protection while operating at low temperature and identified it as an Open Item 13 in Reference (2).

A meeting was held with the NRC Staff from the Auxiliary Systems Branch, Power Systems Branch and Reactor Systems Branch on March 26, 1985 to discuss an acceptable solution concerning the power supply arrangement for the PORVs and the associated block valves. The NRC stated that acceptable isolation provisions can be assured by providing same division power supplies to the PORV and the associated block valve; 480V AC emergency power to the motor operated block valve and 125V vital DC power to the PORV. At the March 26, 1985 meeting, NNECO agreed and committed that the PORV train arrangement for

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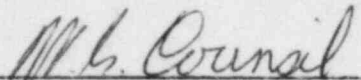
the PORVs and associated block valves will be changed such that both series valves are powered from the same electrical division and it was agreed that SER Open Item 13 is closed.

If you have any questions regarding this response, please feel free to contact our licensing staff directly.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY
et. al.

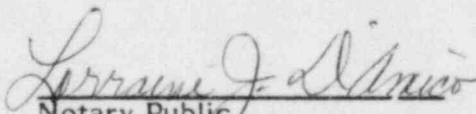
BY NORTHEAST NUCLEAR ENERGY COMPANY
Their Agent



W. G. Council
Senior Vice President

STATE OF CONNECTICUT)
) ss. Berlin
COUNTY OF HARTFORD)

Then personally appeared before me W. G. Council, who being duly sworn, did state that he is Senior Vice President of Northeast Nuclear Energy Company, an Applicant herein, that he is authorized to execute and file the foregoing information in the name and on behalf of the Applicants herein and that the statements contained in said information are true and correct to the best of his knowledge and belief.



Notary Public

My Commission Expires March 31, 1988