

May 11, 1988

Docket No. 50-423

Mr. Edward J. Mrocza
Senior Vice President
Nuclear Engineering and Operations
Northeast Nuclear Energy Company
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Dear Mr. Mrocza:

SUBJECT: MILLSTONE NUCLEAR POWER STATION, UNIT NO. 3
PHYSICS METHODOLOGY FOR PWR RELOAD DESIGN (TAC NO. 66693)

By letter dated November 13, 1987, Northeast Utilities Service Company (NUSCO) has submitted Addendum 2 to NUSCO-152 entitled "Physics Methodology for PWR Reload Design." The purpose of this addendum is to demonstrate NUSCO's ability to perform PWR reload design using the Westinghouse physics methodology for the Millstone Nuclear Power Station Unit No. 3.

We have reviewed this report which is the benchmarking of the model to the zero power physics test data and operational data for Cycle 1 of Millstone Unit No. 3. We find the methodology as presented in NUSCO-152 to be acceptable for use by NUSCO to perform physics analysis for the Millstone Nuclear Power Station Unit No. 3. Our Safety Evaluation report is enclosed.

Sincerely,

original signed by

Robert L. Ferguson, Project Manager
Project Directorate I-4
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

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Mr. E. J. Mrocza
Northeast Nuclear Energy Company

Millstone Nuclear Power Station
Unit No. 3

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