

NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY
THE HARTFORD WATER SUPPLY COMPANY
WESTINGHOUSE NUCLEAR ELECTRIC COMPANY
WATERBURY WATER SUPPLY COMPANY
THE BRITAIN WATER SUPPLY COMPANY
THE WATERBURY WATER SUPPLY COMPANY

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September 26, 1980

Docket No. 50-336
B10084

Director of Nuclear Reactor Regulation
Attn: Mr. Robert A. Clark, Chief
Operating Reactors Branch #3
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Gentlemen:

Millstone Nuclear Power Station, Unit No. 2
Additional Information on Cycle 4 Reload

In recent telephone conversations between our respective staffs, the NRC verbally requested that Northeast Nuclear Energy Company (NNECO) provide information with respect to fuel misloading analysis performed in support of the Cycle 4 reload.

The fuel shuffle and reload at Millstone Unit No. 2 is performed under the plant's QA program. Each step of the procedure by which fuel is moved has been approved by QA and requires that two (2) persons verify each shuffle move. A final "as loaded" map of the core is generated which includes a video tape of the core. This video tape is then reviewed by a third party who verifies the correctness of the "as loaded" configuraton.

A fuel misloading event is not included in Chapter 14 of the Millstone Unit 2 Final Safety Analysis Report and has never been addressed in previous reloads. Therefore, analysis of this event is not explicitly included in the design basis of the plant.

NNECO has determined that the procedures utilized during fuel movement at Millstone Unit 2 provide adequate assurance that the probability of a fuel misloading event is sufficiently low to preclude the need for an analysis of this event.

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We trust you find this information responsive to your verbal request.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

W. G. Council

W. G. Council
Senior Vice President

W. F. Fee

By: W. F. Fee
Executive Vice President