

NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY
THE HARTFORD ELECTRIC LIGHT COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
NEW YORK WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTHEAST NEWYORK ENERGY COMPANY

P.O. BOX 270
HARTFORD, CONNECTICUT 06101
(203) 666-6911

June 8, 1981

Docket No. 50-336
A01184



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

- References:
- (1) R. A. Clark letter to W. G. Council, dated October 6, 1980
 - (2) W. G. Council letter to R. A. Clark, dated April 1, 1981
 - (3) W. G. Council letter to R. A. Clark, dated June 11, 1980

Gentlemen:

Millstone Nuclear Power Station, Unit No. 2
Resolution of Cycle 4 Startup Commitments

In Reference (1), the NRC Staff documented a commitment by Northeast Nuclear Energy Company (NNECO) to provide the results of an analysis of the asymmetric blowdown loads for a mixed core during a Loss of Coolant Accident.

NNECO provided the Staff with the results of the asymmetric blowdown loads analysis for both a mixed core and a full core of Westinghouse fuel at Millstone Unit No. 2, in Reference (2). As the Reference (2) results predict some grid deformation in the outer rows of fuel assemblies, NNECO has evaluated the effect of the predicted bundle deformation on heat transfer from the fuel rods during the reflooding stage of a LOCA.

The results of this evaluation demonstrate that the current LOCA analyses docketed by Reference (3) remain limiting with respect to core coolability considerations following an asymmetric loading event.

We trust you find this information responsive to the Reference (1) commitment.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

A handwritten signature in cursive script, appearing to read 'W. G. Council'.

W. G. Council
Senior Vice President

8106150088

P