

NORTHEAST UTILITIES

The Connecticut Light And Power Company
 Western Massachusetts Electric Company
 Holyoke Water Power Company
 Northeast Utilities Service Company
 Northeast Nuclear Energy Company

General Offices: Selden Street, Berlin Connecticut

P.O. BOX 270
 HARTFORD, CONNECTICUT 06414-0270
 (203)665-5000

Docket No. 50-336
 December 5, 1990
 MP-90-1274

U.S. Nuclear Regulatory Commission
 Attention: Document Control Desk
 Washington, D.C. 20555

Gentlemen:

Millstone Nuclear Power Station, Unit No. 2
Core Operating Limits Report - Revision 1

In a letter dated November 5, 1990,⁽¹⁾ Northeast Nuclear Energy Company (NNECo) submitted to the NRC staff Revision 0 of the Core Operating Limits Report (COLR) for Cycle 11 of Millstone Unit No. 2.

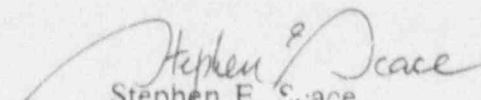
Due to high Total Integrated Radial Peaking Factor (F_r^T) values currently being measured in the Millstone Unit No. 2 reactor, analyses have been completed which increase the allowable F_r^T limits. This increase in the allowable F_r^T limits was accommodated by restricting the control rod Power Dependent Insertion Limit (PDIL) at power levels greater than 80% power. The higher than expected measured F_r^T values are being caused by a combination of underpredicted local peaking factors and a higher than expected azimuthal power tilt.

Additional analyses are being performed to justify the higher F_r^T limits by restricting other parameters related to F_r^T . It is expected that these analyses will be completed and the COLR will again be revised in January 1991.

In accordance with the Millstone Unit No. 2 Technical Specifications, Section 6.9.1.7.d, NNECo hereby submits Revision 1 to the Millstone Unit No. 2 COLR.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY


 Stephen E. Scace
 Director, Millstone Station

cc: T.T. Martin, Region I Administrator
 G.S. Vissing, NRC Project Manager, Millstone Unit No. 2
 W.J. Raymond, Senior Resident Inspector, Millstone Unit Nos. 1, 2, and 3

⁽¹⁾ E.J. Mroczki: letter to U.S. Nuclear Regulatory Commission, "Millstone Nuclear Power Station, Unit No. 2 Core Operating Limits Report - Revision 0", dated November 5, 1990

9012120207 901205
 PDR ADUCK 05000336
 P PDC

A001
 111