

# 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 06141-0270  
(203) 666-6911

May 11, 1984

Docket No. 50-423  
B11173

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

Reference: (1) B. J. Youngblood letter to W. G. Council, Draft SER for  
Millstone Nuclear Power Station, Unit No. 3, dated February  
24, 1984.

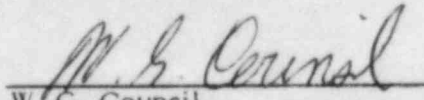
Dear Mr. Youngblood:

Millstone Nuclear Power Station, Unit No. 3  
Response to Core Performance Branch  
Confirmatory Item CPB-12

Attached is Northeast Nuclear Energy Company's (NNECO) response to Core  
Performance Branch Confirmatory Item CPB-12 concerning predicted cladding  
collapse time which was transmitted to NNECO via Reference (1). This  
information should be sufficient to close this item. If you have any questions,  
please contact our licensing representative directly.

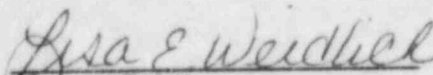
Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY ET AL  
BY NORTHEAST NUCLEAR ENERGY COMPANY  
THEIR AGENT

  
W. G. Council  
Senior Vice President

STATE OF CONNECTICUT )  
COUNTY OF HARTFORD ) ss. Berlin

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

8405210294 840511  
PDR ADOCK 05000423  
E PDR

My Commission Expires March 31, 1989

*Boo!*

## Open Items

### Core Performance Branch (CPB)

#### CPB-12 Predicted Cladding Collapse Time (Draft SER Section 4.2.3.2(2))

The Applicant should confirm that the predicted cladding collapse time exceeds the expected lifetime of the fuel.

#### Response

Clad flattening (collapse) evaluations have been performed on the Millstone Unit 3 fuel for regions 1, 2 and 3 according to the NRC approved Westinghouse clad flattening model contained in WCAP-8381 (Revised Clad Flattening Model). These evaluations confirm that predicted clad flattening times are well in excess of the projected lifetime of the Millstone Unit 3 fuel.