

# NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY  
THE HARTFORD ELECTRIC LIGHT COMPANY  
WESTERN MASSACHUSETTS ELECTRIC COMPANY  
HOLYOKE WATER POWER COMPANY  
NORTHEAST UTILITIES SERVICE COMPANY  
NORTHEAST NUCLEAR ENERGY COMPANY

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

March 11, 1983  
MP-4766

Mr. Ronald C. Haynes  
Regional Administrator, Region I  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Reference: Facility Operating License No. DPR-65  
Docket No. 50-336  
Reportable Occurrence RO 50-336/83-03/3L-0

Dear Mr. Haynes:

This letter forwards the Licensee Event Report 83-03/3L-0 required to be submitted within thirty days pursuant to Millstone Unit 2 Appendix A Technical Specifications, Section 6.9.1.9.b, conditions leading to operation in a degraded mode permitted by a limiting condition. An additional three copies of the report are enclosed.

Yours truly,

NORTHEAST NUCLEAR ENERGY COMPANY

A handwritten signature in cursive script, appearing to read 'E. J. Mroczka'.

E. J. Mroczka  
Station Superintendent  
Millstone Nuclear Power Station

EJM/RB:mo

Attachment: LER RO 50-336/83-03/3L-0

cc: Director, Office of Inspection and Enforcement, Washington, D. C. (30)  
Director, Office of Management Information and Program Control,  
Washington, D. C. (3)  
U. S. Nuclear Regulatory Commission, c/o Document Management Branch,  
Washington, D. C. 20555

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ATTACHMENT TO LER 83-03/03L-0  
NORTHEAST NUCLEAR ENERGY COMPANY  
MILLSTONE NUCLEAR POWER STATION - UNIT 2  
FACILITY OPERATING LICENSE NUMBER DPR-65  
DOCKET NO. 50-336

1. Reactor power history, 48 hours prior to event.

Millstone 2 was operating at 100% power until 1105, 18 February 1983, when power was reduced to < 70% to recover a dropped CEA. Upon recovery of the CEA, the unit proceeded to increase power and had reached 98% power when it underwent a trip at 0406, 19 February 1983.

2. Fuel Burnup by core region:

The Millstone 2 core consists of 3 regions and a center assembly. The most burned region, consisting of Combustion Engineering manufactured fuel had a burnup of 32400 MWD/MTU.

The next region, consisting of the leading Westinghouse fuel, had a burnup of 20060 MWD/MTU.

The new fuel, also manufactured by Westinghouse, had a burnup of 8830 MWD/MTU.

The center assembly, consisting of a single re-insert assembly, was manufactured by Combustion Engineering and had a burnup of 26250 MWD/MTU.

3. Coolant purification flow was approximately 80 GPM during the 48 hours preceeding the event.
4. There was no history of degassing operations in the period preceeding the event.
5. The duration that the primary coolant exceeded 1.0 microcuries per gram Dose Equivalent Iodine -131 was approximately 20 hours on 19 February 1983.

<u>Time/Date of Sample</u>	<u>Microcuries per Gram D.E. I-131</u>
0540/19 February 1983	1.132
0740/19 February 1983	1.299
0935/19 February 1983	1.318
1215/19 February 1983	1.235
1550/19 February 1983	1.144
1940/19 February 1983	1.054
2340/19 February 1983	1.018
0255/20 February 1983	0.8764