

# NORTHEAST UTILITIES



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

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May 23, 1984

Docket No. 50-336  
B11200

Director of Nuclear Reactor Regulation  
Attn: Mr. James R. Miller  
Operating Reactors Branch #3  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

- References: (1) W. G. Council letter to J. R. Miller, dated September 15, 1983.
- (2) W. G. Council letter to J. R. Miller, dated February 24, 1984.

Gentlemen:

Millstone Nuclear Power Station, Unit No. 2  
Thermal Shield Disposal

By Reference (1), Northeast Nuclear Energy Company (NNECO) provided the NRC Staff with a general discussion of the plans for ultimate disposal of the Millstone Unit No. 2 thermal shield. Reference (2) provided the details of our plans to accomplish this task.

Currently, the thermal shield is being stored on site. As we reported in Reference (1), it was cut into six, sixty degree (60°) segments. All (6) six segments are in the cask wash pit, in preparation for cutting. Plans for preparation of the thermal shield for shipment remain as stated in Reference (2).

Preparations were underway for the disposal of the thermal shield segments at the low-level waste disposal site at Barnwell, S.C. However, due to difficulties in reaching contractual agreements with the Barnwell, S.C. site, NNECO now plans to dispose of the thermal shield segments at the Richland, Washington, waste disposal site.

The thermal shield strips will be shipped to Richland in a spent fuel railroad transportation cask. The fuel basket will be replaced with a liner suitable for shipping the shield segments. Three shipments to the disposal site will be necessary.

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The cask is currently licensed for spent fuel transport and irradiated hardware. The following data for the cask are provided.

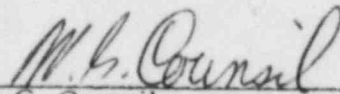
Owner	General Electric IF-300
Docket No.	71-9001
Certificate of Compliance	USA/9001/B( )F

NNECO continues to anticipate that the thermal shield cutting and shipment will be completed by October, 1984.

If you have any questions, my staff remains available to assist you.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY



W. G. Council  
Senior Vice President