



**Northeast
Nuclear Energy**

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The Northeast Utilities System

B18124
May 22, 2000

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

Subject: Millstone Nuclear Power Station, Unit No. 1, Docket No. 50-245
Request for Exemption -- Physical Security Requirements,
Supplemental Information

The purpose of this letter is to request the NRC treat an attachment to a Northeast Nuclear Energy Company (NNECO) letter⁽¹⁾ as safeguards material. NNECO transmitted to the NRC Staff a report prepared by Sandia National Laboratories (SNL) which provided the results of a threat analysis performed on the new proposed security systems at the Millstone Station. NNECO indicated in the May 1, 2000, letter that the enclosure contained Unclassified Controlled Nuclear Information and that unauthorized dissemination is subject to civil and criminal sanctions under Section 148 of the Atomic Energy Act of 1954, as amended (42 USC 2168). Therefore, NNECO requested that the enclosure be withheld from public disclosure pursuant to 10CFR2.790(a)(i)(3).

NNECO has recently revisited this document, and now considers this document to be safeguards information. NNECO requests that the NRC consider NNECO's letter of May 1, 2000, to be safeguards information in accordance with 10CFR73.21. NNECO requests that the Sandia report be controlled as safeguards information and withheld from public disclosure.

It is important to note that the Sandia National Laboratories threat analysis report contains, in part, information on the new proposed security system. Much of this information is new information and will be reflected in a future revision to the Millstone Station Physical Security Plan.

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- (1) L. G. Temple letter to US Nuclear Regulatory Commission, "Request for Exemption -- Physical Security Requirements, Supplemental Information," dated May 1, 2000.

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If you should have any questions on the above, please contact Mr. Bryan Ford at (860) 437-5895.

Very truly yours,

A handwritten signature in cursive script, appearing to read "L. G. Temple", is written over a horizontal line.

L. G. Temple
General Manager -- Millstone Unit No. 1

cc: H. J. Miller, Region I Administrator
L. L. Wheeler, NRC Project Manager, Millstone Unit No. 1
P. C. Cataldo, Resident Inspector



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UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION

B18078
May 1, 2000

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

Subject: Millstone Nuclear Power Station, Unit No. 1, Docket No. 50-245
Request for Exemption - Physical Security Requirements,
Supplemental Information

The purpose of this letter is to transmit to the NRC Staff a report prepared by Sandia National Laboratories (SNL) which provided the results of a threat analysis performed on the new proposed security systems at the Millstone Station.

In Millstone Unit No. 1's shutdown and defueled configuration, certain requirements of 10CFR73 are no longer appropriate. Therefore, on March 13, 2000,⁽¹⁾ Northeast Nuclear Energy Company (NNECO) submitted a request pursuant to 10CFR73.5 for an exemption from specific requirements of 10 CFR Part 73, "Physical Protection of Plants and Materials" for Millstone Unit No. 1. This request for exemption was considered justified based upon the research NNECO had done, along with the evaluation performed by SNL on the proposed security system.

SNL was tasked to evaluate the new proposed protected area boundary which will separate Millstone Unit No. 1 from Millstone Unit Nos. 2 and 3, and to evaluate the new proposed spent fuel pool island security boundary. SNL concluded that based on the data collected and analyzed, and a thorough site survey, that the proposed changes would meet acceptable guidelines as provided by the NRC.

(1) F. C. Rothen letter to US Nuclear Regulatory Commission, "Request for Exemption – Physical Security Requirements," dated March 13, 2000.

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UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION

In addition to the SNL study, NNECO had an independent assessment of the SNL report and boundary performed by Burns International Security. The Burns evaluation along with input from site security was reviewed against the SNL analysis. This review concluded that the proposed design would meet acceptable guidelines as provided by the NRC and would offer adequate protections to the units.

The enclosure to this letter contains Unclassified Controlled Nuclear Information, unauthorized dissemination is subject to civil and criminal sanctions under Section 148 of the Atomic Energy Act of 1954, as amended (42 USC 2168). Therefore, NNECO requests that the enclosure be withheld from public disclosure pursuant to 10CFR2.790(a)(i)(3).

If you should have any questions on the above, please contact Mr. Bryan Ford at (860) 437-5895.

Very truly yours,

A handwritten signature in dark ink, appearing to read "L. G. Temple", written over a horizontal line.

L. G. Temple
General Manager -- Millstone Unit No. 1

cc: H. J. Miller, Region I Administrator
L. L. Wheeler, NRC Project Manager, Millstone Unit No. 1
P. C. Cataldo, Resident Inspector, Millstone Unit No. 1