



**Northeast  
Nuclear Energy**

Rope Ferry Rd. (Route 156), Waterford, CT 06385

Millstone Nuclear Power Station  
Northeast Nuclear Energy Company  
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The Northeast Utilities System

February 22, 2000  
B18000

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555-0001

Subject: Millstone Nuclear Power Station, Unit No. 1, Docket No. 50-245  
Annual Occupational Exposure Report

In accordance with Section 5.7.1 of the Millstone Unit No. 1 Technical Specifications, Northeast Nuclear Energy Company is providing the Occupational Radiation Exposure Report for the period January 1, 1999 to December 31, 1999. A tabulation of station, utility, and other personnel exposures is provided in Attachment 1.

There are no regulatory commitments contained within this letter.

If there are any questions or comments on this report, please contact Mr. Bryan S. Ford at (860) 437-5895.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

  
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D. A. Landeche  
Director - Unit No. 1 Operations

Attachment

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

Director, Office of Nuclear Regulatory Research  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555  
Attention: REIRS Project Manager

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**Attachment 1 to B18000**

**Millstone Nuclear Power Station, Unit No. 1, Docket No. 50-245**

**Tabulation of Station, Utility and Other Personnel Receiving Exposures**

Work & Job Function	-----# Of Personnel -----			-----Total Man-mRem-----		
	Station	Utility	Contract	Station	Utility	Contract
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Inservice Inspection						
Engineering Staff	2	0	3	7	0	20
Health Physics and Lab	1	0	4	2	0	71
Maint and Construction	0	3	15	0	40	481
Operations	1	0	2	4	0	4
Supv and Office Staff	0	0	3	0	0	30
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Refueling Operations						
Engineering Staff	0	0	0	0	0	0
Health Physics and Lab	0	0	0	0	0	0
Maint and Construction	0	0	0	0	0	0
Operations	0	0	0	0	0	0
Supv and Office Staff	0	0	0	0	0	0
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Routine Oper and Surv						
Engineering Staff	14	1	4	25	0	3
Health Physics and Lab	47	1	31	329	0	284
Maint and Construction	35	9	143	243	15	80
Operations	88	2	3	1123	0	21
Supv and Office Staff	12	4	14	25	0	0
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Routine Plant Maint						
Engineering Staff	294	49	179	42	22	360
Health Physics and Lab	20	0	22	139	0	599
Maint and Construction	230	70	361	571	24	483
Operations	96	1	19	42	0	15
Supv and Office Staff	35	9	53	0	2	57
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Special Plant Maint						
Engineering Staff	7	0	24	55	0	301
Health Physics and Lab	14	0	23	215	0	1091
Maint and Construction	34	7	63	380	216	1139
Operations	8	0	3	152	0	42
Supv and Office Staff	2	0	2	0	0	2
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Waste Processing						
Engineering Staff	3	1	3	12	0	11
Health Physics and Lab	43	3	22	50	0	54
Maint and Construction	33	7	38	79	1	216
Operations	3	1	2	13	0	0
Supv and Office Staff	5	1	2	0	0	0
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Job Totals						
Engineering Staff	320	51	213	141	22	695
Health Physics and Lab	125	4	102	735	0	2099
Maint and Construction	332	96	620	1273	296	2399
Operations	196	4	29	1334	0	82
Supv and Office Staff	54	14	74	25	2	89
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Unit 1 Total	1027	169	1038	3508	320	5364
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Note: Report contains electronic dosimeter or PIC dose only

Dose of persons with <100 mRem IS INCLUDED