



**Northeast
Nuclear Energy**

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The Northeast Utilities System

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Docket Nos. 50-336

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

**Millstone Nuclear Power Station, Unit Nos. 2 and 3
Annual Report**

Pursuant to the provisions of Sections 6.9.1.4 and 6.9.1.5 of the Millstone Unit No. 2 Technical Specifications and Section 6.9.1.2 of the Millstone Unit No. 3 Technical Specifications, this report is submitted covering operations for the period January 1, 1999, to December 31, 1999.

Results for Units 2 and 3 are included in this report as Attachments 1 and 2 respectively.

There are no regulatory commitments contained within this letter.

Should you have any questions regarding this report, please contact Mr. D. A. Smith at (860) 437-5840.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

Stephen E. Scace
Director - Nuclear Oversight and
Regulatory Affairs

cc: See next page

Attachments (2)

cc: H. J. Miller, Region I Administrator
J. I. Zimmerman, NRC Project Manager, Millstone Unit No. 2
D. P. Beaulieu, Senior Resident Inspector, Millstone Unit No. 2
V. Nerses, NRC Senior Project Manager, Millstone Unit No. 3
A. C. Cerne, Senior Resident Inspector, Millstone Unit No. 3

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

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Attachment 1

Millstone Nuclear Power Station Unit Nos. 2 and 3

Millstone Unit No. 2 Annual Report

February 2000

Millstone Unit No. 2
1999 Annual Report
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Unit : 2

Work & Job Function	-----# Of Personnel -----			-----Total Man-mRem-----		
	Station	Utility	Contract	Station	Utility	Contract
Inservice Inspection						
Engineering Staff	0	0	0	0	0	0
Health Physics and Lab	0	0	0	0	0	0
Maint and Construction	0	0	1	0	0	0
Operations	0	0	0	0	0	0
Supv and Office Staff	0	0	0	0	0	0
Refueling Operations						
Engineering Staff	5	0	0	173	0	0
Health Physics and Lab	3	0	0	17	0	0
Maint and Construction	11	1	16	384	0	103
Operations	0	0	0	0	0	0
Supv and Office Staff	0	0	0	0	0	0
Routine Oper and Surv						
Engineering Staff	162	34	209	1102	192	997
Health Physics and Lab	63	5	25	4007	0	1175
Maint and Construction	155	40	373	1053	26	1198
Operations	108	3	19	6652	455	16
Supv and Office Staff	39	12	93	53	21	161
Routine Plant Maint						
Engineering Staff	42	13	40	281	297	84
Health Physics and Lab	21	0	3	681	0	7
Maint and Construction	237	88	460	6443	1367	9529
Operations	12	1	8	25	0	208
Supv and Office Staff	13	4	21	40	17	82
Special Plant Maint						
Engineering Staff	26	5	34	300	199	390
Health Physics and Lab	37	0	12	2164	0	202
Maint and Construction	136	37	376	12615	3143	26717
Operations	43	1	5	892	39	24
Supv and Office Staff	9	1	9	49	0	314
Waste Processing						
Engineering Staff	5	1	7	0	0	0
Health Physics and Lab	27	0	10	299	0	148
Maint and Construction	24	2	34	727	0	268
Operations	1	0	0	0	0	0
Supv and Office Staff	4	1	0	1	0	0
Job Totals						
Engineering Staff	240	53	290	1856	688	1471
Health Physics and Lab	151	5	50	7168	0	1532
Maint and Construction	563	168	1260	21222	4536	37815
Operations	164	5	32	7569	494	248
Supv and Office Staff	65	18	123	143	38	557

Unit 2 Total	1183	249	1755	37958	5756	41623

Note: Report contains electronic dosimeter or PIC dose only

Dose of persons with <100 mRem IS INCLUDED

STEAM GENERATOR TUBING INSERVICE INSPECTION

SUMMARY OF EVENTS 1999

In accordance with Technical Specification 6.9.1.5, the following is a report of steam generator tubing inservice inspections performed during 1999.

There have been no tubing inservice inspections performed during 1999.

PRIMARY COOLANT IODINE SPIKING

In accordance with Technical Specification 6.9.1.5, the following is a report of primary coolant iodine spiking occurring during 1999.

During 1999, the specific activity of the primary coolant did not exceed the limits in the Technical Specifications.

CHALLENGES TO RELIEF/SAFETY VALVES

In accordance with Technical Specification 6.9.1.5, the following is a report of challenges to relief/safety valves during 1999.

There were no challenges made to the primary relief/safety valves in 1999.

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Attachment 2

Millstone Nuclear Power Station Unit Nos. 2 and 3

Millstone Unit No. 3 Annual Report

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Millstone Unit No. 3
1999 Annual Report
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Challenges to Relief/Safety Valves	MP3-4

Unit : 3

Work & Job Function	-----# Of Personnel -----			-----Total Man-mRem-----		
	Station	Utility	Contract	Station	Utility	Contract
Inservice Inspection						
Engineering Staff	26	14	27	265	72	1277
Health Physics and Lab	9	0	11	180	0	235
Maint and Construction	27	8	186	90	4	3135
Operations	0	0	0	0	0	0
Supv and Office Staff	3	2	2	61	64	6
Refueling Operations						
Engineering Staff	46	7	53	304	1	4362
Health Physics and Lab	32	0	41	3578	0	2242
Maint and Construction	123	44	430	3112	926	22045
Operations	37	0	2	2704	0	99
Supv and Office Staff	13	4	3	466	67	2
Routine Oper and Surv						
Engineering Staff	63	17	55	370	1	884
Health Physics and Lab	56	4	64	2782	0	1769
Maint and Construction	265	70	567	5983	213	13270
Operations	94	1	17	3226	0	24
Supv and Office Staff	25	9	24	72	53	79
Routine Plant Maint						
Engineering Staff	71	15	65	260	48	787
Health Physics and Lab	53	4	69	3510	0	4903
Maint and Construction	237	96	647	3708	816	34254
Operations	34	0	6	42	0	15
Supv and Office Staff	28	9	16	361	190	59
Special Plant Maint						
Engineering Staff	201	48	170	1056	134	1628
Health Physics and Lab	43	1	59	1047	0	453
Maint and Construction	289	126	997	3953	3185	12558
Operations	130	2	15	2001	4	11
Supv and Office Staff	47	23	54	23	19	83
Waste Processing						
Engineering Staff	6	1	8	0	0	9
Health Physics and Lab	37	1	15	530	0	320
Maint and Construction	67	24	104	586	49	762
Operations	2	0	1	0	0	0
Supv and Office Staff	8	1	6	1	0	0
Job Totals						
Engineering Staff	413	102	378	2255	256	8947
Health Physics and Lab	230	10	259	11627	0	9922
Maint and Construction	1008	368	2931	17432	5193	86024
Operations	297	3	41	7973	4	149
Supv and Office Staff	124	48	105	984	393	229

Unit 3 Total	2072	531	3714	40271	5846	105271

Note: Report contains electronic dosimeter or PIC dose only

Dose of persons with <100 mRem IS INCLUDED

PRIMARY COOLANT IODINE SPIKING

In accordance with Technical Specification 6.9.1.2, the following is a report of primary coolant iodine spiking occurring during 1999.

During 1999, the specific activity of the primary coolant did not exceed the limits in the Technical Specifications.

CHALLENGES TO RELIEF/SAFETY VALVES

In accordance with Technical Specification 6.9.1.2, the following is a report of challenges to relief/safety valves during 1999.

There were no challenges made to the primary relief/safety valves in 1999.