

Dominion Nuclear Connecticut, Inc.
Millstone Power Station
Rope Ferry Road
Waterford, CT 06385



Dominion

APR 12 2004

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

Serial No. 04-186
MPS Lic/WEB R0
Docket Nos. 50-245
50-336
50-423
License Nos. DPR-21
DPR-65
NPF-49

DOMINION NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNITS 1, 2 AND 3
2003 OCCUPATIONAL RADIATION EXPOSURE REPORT

Pursuant to the provisions of Section 5.7.1 of the Millstone Unit 1 Permanently Defueled Technical Specifications, Section 6.9.1.5a of the Millstone Unit 2 Technical Specifications, and Section 6.9.1.2a of the Millstone Unit 3 Technical Specifications, Dominion Nuclear Connecticut, Inc. hereby submits the 2003 Occupational Radiation Exposure Report. This report covers unit activities for the period January 1, 2003, to December 31, 2003.

The annual occupational exposure report for Units 1, 2 and 3 is included as Attachment 1.

If you have any questions or require additional information, please contact Mr. David W. Dodson at (860) 447-1791, extension 2346.

Very truly yours,

J. Alan Price
Site Vice President - Millstone

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EEST

Attachments: 1

Commitments made in this letter: None.

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

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Attachment 1

Millstone Power Station, Units 1, 2 and 3

Regulatory Guide 1.16 Report
2003 Occupational Radiation Exposure Report

Millstone Power Station Units 1, 2 and 3
Dominion Nuclear Connecticut, Inc. (DNC)

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	0	0	0	0
Operations	0	0	0	0	0	0
Supv and Office Staff	0	0	0	0	0	0
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
Routine Oper and Surv						
Engineering Staff	1	1	1	0	0	0
Health Physics and Lab	44	0	15	73	0	113
Maint and Construction	9	0	13	12	0	30
Operations	0	0	0	0	0	0
Supv and Office Staff	8	0	2	0	0	0
Routine Plant Maint						
Engineering Staff	35	6	13	8	2	7
Health Physics and Lab	6	0	6	18	0	62
Maint and Construction	118	12	244	87	1	84
Operations	75	0	7	74	0	3
Supv and Office Staff	10	2	28	6	0	4
Special Plant Maint						
Engineering Staff	11	2	8	137	0	290
Health Physics and Lab	35	0	12	1591	0	1854
Maint and Construction	39	3	79	782	172	4343
Operations	5	0	0	432	0	0
Supv and Office Staff	10	0	4	200	0	14
Waste Processing						
Engineering Staff	3	1	2	0	0	0
Health Physics and Lab	14	0	10	51	0	67
Maint and Construction	20	3	39	59	5	62
Operations	2	0	0	0	0	0
Supv and Office Staff	2	0	0	18	0	0
Job Totals						
Engineering Staff	50	10	24	145	2	297
Health Physics and Lab	99	0	43	1733	0	2096
Maint and Construction	186	18	375	940	178	4519
Operations	82	0	7	506	0	3
Supv and Office Staff	30	2	34	224	0	18

Unit 1 Total	447	30	483	3548	180	6933

Note: Report contains electronic dosimeter or PIC dose only

Dose of persons with <100 mRem IS INCLUDED

Unit : 2

Work & Job Function	-----# Of Personnel -----			-----Total Man-mRem-----		
	Station	Utility	Contract	Station	Utility	Contract
Inservice Inspection						
Engineering Staff	95	17	66	973	232	12645
Health Physics and Lab	21	0	10	309	0	162
Maint and Construction	53	5	403	1225	446	80307
Operations	15	0	0	151	0	0
Supv and Office Staff	15	2	4	25	0	21
Refueling Operations						
Engineering Staff	26	7	7	1286	72	565
Health Physics and Lab	11	0	10	506	0	202
Maint and Construction	53	1	66	6302	760	9333
Operations	13	0	0	1902	0	0
Supv and Office Staff	5	0	2	148	0	93
Routine Oper and Surv						
Engineering Staff	137	21	28	1179	134	15
Health Physics and Lab	53	1	57	6359	0	4584
Maint and Construction	120	12	110	2579	13	2062
Operations	130	0	5	8161	0	270
Supv and Office Staff	29	5	9	507	41	9
Routine Plant Maint						
Engineering Staff	113	16	57	1220	610	1876
Health Physics and Lab	35	0	21	2104	0	3636
Maint and Construction	334	20	788	10912	535	40166
Operations	50	0	9	1238	0	9
Supv and Office Staff	43	9	58	685	30	143
Special Plant Maint						
Engineering Staff	90	15	50	4738	333	2843
Health Physics and Lab	40	0	27	3102	0	1749
Maint and Construction	203	11	572	21239	1660	61891
Operations	53	0	2	7493	0	12
Supv and Office Staff	26	3	3	3594	124	16
Waste Processing						
Engineering Staff	9	1	2	35	0	0
Health Physics and Lab	52	0	27	756	0	538
Maint and Construction	45	7	108	465	36	491
Operations	23	0	1	301	0	4
Supv and Office Staff	17	1	0	24	0	0
Job Totals						
Engineering Staff	470	77	210	9431	1381	17944
Health Physics and Lab	212	1	152	13136	0	10871
Maint and Construction	808	56	2047	42722	3450	194250
Operations	284	0	17	19246	0	295
Supv and Office Staff	135	20	76	4983	195	282

Unit 2 Total	1909	154	2502	89518	5026	223642

Note: Report contains electronic dosimeter or PIC dose only

Dose of persons with <100 mRem IS INCLUDED

Unit : 3

Work & Job Function	-----# Of Personnel -----			-----Total Man-mRem-----		
	Station	Utility	Contract	Station	Utility	Contract
Inservice Inspection						
Engineering Staff	1	0	2	0	0	8
Health Physics and Lab	1	0	1	0	0	13
Maint and Construction	6	0	0	165	0	0
Operations	0	0	0	0	0	0
Supv and Office Staff	0	0	0	0	0	0
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
Routine Oper and Surv						
Engineering Staff	106	13	19	50	23	35
Health Physics and Lab	45	0	10	703	0	14
Maint and Construction	60	5	37	194	0	7
Operations	9	0	0	22	0	0
Supv and Office Staff	20	2	9	7	0	3
Routine Plant Maint						
Engineering Staff	66	6	18	79	4	2
Health Physics and Lab	45	0	11	215	0	5
Maint and Construction	278	21	495	957	10	1104
Operations	107	0	8	371	0	22
Supv and Office Staff	27	8	48	1	1	35
Special Plant Maint						
Engineering Staff	10	0	2	41	0	0
Health Physics and Lab	8	0	1	91	0	5
Maint and Construction	56	4	25	671	8	213
Operations	21	0	1	182	0	10
Supv and Office Staff	1	0	3	2	0	35
Waste Processing						
Engineering Staff	1	0	1	0	0	0
Health Physics and Lab	11	0	3	68	0	51
Maint and Construction	21	2	27	116	0	29
Operations	2	0	0	0	0	0
Supv and Office Staff	2	0	0	2	0	0
Job Totals						
Engineering Staff	184	19	42	170	27	45
Health Physics and Lab	110	0	26	1077	0	88
Maint and Construction	421	32	584	2103	18	1353
Operations	139	0	9	575	0	32
Supv and Office Staff	50	10	60	12	1	73

Unit 3 Total	904	61	721	3937	46	1591

Note: Report contains electronic dosimeter or PIC dose only

Dose of persons with <100 mRem IS INCLUDED

	-----# Of Personnel -----			-----Total Man-mRem-----		
	Station	Utility	Contract	Station	Utility	Contract
Grand Total	3260	245	3706	97003	5252	232166

Note: Report contains electronic dosimeter or PIC dose only

Dose of persons with <100 mRem IS INCLUDED