

**Constellation
Nuclear**

Nine Mile Point
Nuclear Station

March 22, 2002
NMP1L 1642

*A Member of the
Constellation Energy Group*

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

RE: Nine Mile Point Unit 1
 Docket No. 50-220
 DPR-63

Nine Mile Point Unit 2
Docket No. 50-410
NPF-69

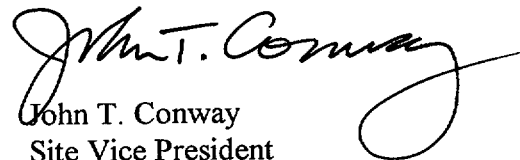
***Subject : Annual Occupational Exposure Reports for Nine Mile Point Nuclear
 Station Unit 1 and Unit 2***

Gentlemen:

Nine Mile Point Nuclear Station, LLC is submitting the Annual Occupational Exposure Reports for the Nine Mile Point Nuclear Station Unit 1 and Unit 2, in accordance with Unit 1 Technical Specification (TS) 6.9.1.b and Unit 2 Improved Technical Specification 5.6.1, respectively. These reports are enclosed as Attachments 1A and 1B for Unit 1, and Attachments 2A and 2B for Unit 2. They incorporate the guidance of NRC Regulatory Guide 1.16 (Revision 4), and cover the period January 1, 2001 through December 31, 2001.

Please refer any questions regarding these reports to Mr. David Barcomb, Unit 2 Radiation Protection Manager, at (315) 349-4217.

Sincerely,


John T. Conway
Site Vice President

JTC/IAA/cld
Attachments

xc: Mr. H. J. Miller, Regional Administrator, Region I
 Mr. G. K. Hunegs, Senior Resident Inspector
 Mr. P.S. Tam, Senior Project Manager, NRR (2 copies)
 Records Management

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ATTACHMENT 1A
Nine Mile Point Nuclear Station Unit # 1 DPR-63 2001 Regulatory Guide 1.16 Report

Work & Job Function	Numbers of Personnel > 100 mrem			Exposure Totals (mrem)				
	Station Employees	Utility Employees	Contract & Others	Total Employees	Station Employees	Utility Employees	Contract & Others	Total mili-Rems
Reactor Operations & Surv.								
Maintenance Personnel	0	0	8	8	0	0	147	147
Operating Personnel	51	1	1	53	5,883	13	106	6,002
Health Physics Personnel	4	0	0	4	26	0	0	26
Engineering Personnel	2	0	0	2	35	0	0	35
Supervisory Personnel	0	0	0	0	0	0	0	0
Total	57	1	9	67	5,944	13	253	6,210
Routine Maintenance								
Maintenance Personnel	111	0	322	433	30,932	0	81,279	112,211
Operating Personnel	50	0	2	52	11,010	0	8	11,018
Health Physics Personnel	46	0	13	59	13,081	0	4,196	17,277
Engineering Personnel	20	0	23	43	2,576	0	3,530	6,106
Supervisory Personnel	11	0	9	20	2,892	0	816	3,708
Total	238	0	369	607	60,491	0	89,829	150,320
In-Service Inspection								
Maintenance Personnel	7	0	138	145	36	0	26,796	26,832
Operating Personnel	4	0	0	4	36	0	0	36
Health Physics Personnel	4	0	4	8	9	0	115	124
Engineering Personnel	6	0	15	21	259	0	3,877	4,136
Supervisory Personnel	0	0	2	2	0	0	522	522
Total	21	0	159	180	340	0	31,310	31,650
Special Maintenance								
Maintenance Personnel	45	0	202	247	3,106	0	35,337	38,443
Operating Personnel	23	0	0	23	390	0	0	390
Health Physics Personnel	15	0	2	17	352	0	148	500
Engineering Personnel	4	0	11	15	134	0	1,416	1,550
Supervisory Personnel	5	0	5	10	363	0	1,169	1,532
Total	92	0	220	312	4,345	0	38,070	42,415
Waste Processing								
Maintenance Personnel	0	0	0	0	0	0	0	0
Operating Personnel	8	0	2	10	3,309	0	471	3,780
Health Physics Personnel	16	0	1	17	613	0	22	635
Engineering Personnel	0	0	0	0	0	0	0	0
Supervisory Personnel	2	0	0	2	45	0	0	45
Total	26	0	3	29	3,967	0	493	4,460
Refueling								
Maintenance Personnel	11	0	40	51	122	0	4,757	4,879
Operating Personnel	3	0	0	3	12	0	0	12
Health Physics Personnel	8	0	2	10	347	0	102	449
Engineering Personnel	3	0	5	8	97	0	167	264
Supervisory Personnel	1	0	1	2	9	0	108	117
Total	26	0	48	74	587	0	5,134	5,721
Summary by Job Function								
Maintenance Personnel	174	0	710	884	34,196	0	148,316	182,512
Operating Personnel	139	1	5	145	20,640	13	585	21,238
Health Physics Personnel	93	0	22	115	14,428	0	4,583	19,011
Engineering Personnel	35	0	54	89	3,101	0	8,990	12,091
Supervisory Personnel	19	0	17	36	3,309	0	2,615	5,924
Grand Total	460	1	808	1,269	75,674	13	165,089	240,776

Note: Workers may be counted in more than one category. Exposure totals are rounded numbers.

ATTACHMENT 1B

2001 Nine Mile Point – Unit # 1 Description of Special Maintenance Activities

Job Description

CRD-106/108 Valve Replacement Modification Work

Installation Of New Acoustic Valve Monitoring System Cable And Conduit

Replace PRV-33-145 Modification

Hydrogen Water Chemistry Installation Related Work in Reactor Water Clean Up Rooms

MSIV-01-02 Repair/Modification

IV-40-01/IV-40-10 Modification N1-99-025

Installation of New Reactor Water Clean Up Vent and Drain Valves

Replace IV-33-02R and Install New Valve

Install Weld-O-Lets in Storage Pit Drain Line

R15/R16 Sump Level Control Modification

Vacuum Breaker Modification

ATTACHMENT 2A

Nine Mile Point Nuclear Station Unit # 2 NPF-69 2001 Regulatory Guide 1.16 Report

Work & Job Function	Numbers of Personnel > 100 mrem			Exposure Totals (mrem)				Total mili-Rems
	Station Employees	Utility Employees	Contract & Others	Total Employees	Station Employees	Utility Employees	Contract & Others	
Reactor Operations & Surv.								
Maintenance Personnel	24	0	1	25	679	0	4	683
Operating Personnel	48	1	1	50	6,096	149	230	6,475
Health Physics Personnel	14	0	1	15	152	0	8	160
Engineering Personnel	2	0	0	2	4	0	0	4
Supervisory Personnel	2	0	0	2	6	0	0	6
Total	90	1	3	94	6,937	149	242	7,328
Routine Maintenance								
Maintenance Personnel	105	0	68	173	22,720	0	3,725	26,445
Operating Personnel	58	1	2	61	5,286	47	303	5,636
Health Physics Personnel	42	0	4	46	9,480	0	588	10,068
Engineering Personnel	17	0	4	21	1,275	0	655	1,930
Supervisory Personnel	10	0	1	11	816	0	43	859
Total	232	1	79	312	39,577	47	5,314	44,938
In-Service Inspection								
Maintenance Personnel	0	0	2	2	0	0	58	58
Operating Personnel	0	0	0	0	0	0	0	0
Health Physics Personnel	1	0	0	1	8	0	0	8
Engineering Personnel	1	0	0	1	22	0	0	22
Supervisory Personnel	0	0	0	0	0	0	0	0
Total	2	0	2	4	30	0	58	88
Special Maintenance								
Maintenance Personnel	61	0	30	91	5,879	0	1,919	7,798
Operating Personnel	11	0	0	11	133	0	0	133
Health Physics Personnel	11	0	0	11	405	0	0	405
Engineering Personnel	5	0	2	7	93	0	384	477
Supervisory Personnel	5	0	0	5	674	0	0	674
Total	93	0	32	125	7,184	0	2,303	9,487
Waste Processing								
Maintenance Personnel	25	0	8	33	843	0	764	1,607
Operating Personnel	19	0	1	20	1,674	0	483	2,157
Health Physics Personnel	18	0	3	21	1,397	0	30	1,427
Engineering Personnel	3	0	0	3	16	0	0	16
Supervisory Personnel	2	0	0	2	72	0	0	72
Total	67	0	12	79	4,002	0	1,277	5,279
Refueling								
Maintenance Personnel	17	0	7	24	374	0	20	394
Operating Personnel	0	0	0	0	0	0	0	0
Health Physics Personnel	5	0	0	5	29	0	0	29
Engineering Personnel	1	0	1	2	2	0	2	4
Supervisory Personnel	0	0	0	0	0	0	0	0
Total	23	0	8	31	405	0	22	427
Summary by Job Function								
Maintenance Personnel	232	0	116	348	30,495	0	6,490	36,985
Operating Personnel	136	2	4	142	13,189	196	1,016	14,401
Health Physics Personnel	91	0	8	99	11,471	0	626	12,097
Engineering Personnel	29	0	7	36	1,412	0	1,041	2,453
Supervisory Personnel	19	0	1	20	1,568	0	43	1,611
Grand Total	507	2	136	645	58,135	196	9,216	67,547

Note: Workers may be counted in more than one category. Exposure totals are rounded numbers.

ATTACHMENT 2B

2001 Nine Mile Point – Unit # 2 Description of Special Maintenance Activities

Job Description

Spent Fuel Pool Rack Expansion Project

Install New Design Rotary Variable Differential Transmitter Coupling on 2RCS*HYV17A and 2RCS*HYV17B

Install Backup Rotary Variable Differential Transmitter Position Indication Modification N2-97-081 on 2RCS*HYV17A and 2RCS*HYV17B

Install Rotary Variable Differential Transmitter (RVDT) Temporary Vibration and Temperature Monitoring Instrumentation for 2RCS-HYV17A-RVDT and 2RCS-HYV17B-RVDT

Install Rotary Variable Differential Transmitter Monitoring Camera at 2RCS*HYV17A and 2RCS*HYV17B

Furmanite Repair 2MSS-AOV85A

Install New Forward Viewing Camera On Refueling Bridge