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(ACCELERATED RIDS PROCESSING)

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50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha      05000410  
AUTH. NAME      AUTHOR AFFILIATION  
STORZ, L.F.      Niagara Mohawk Power Corp.  
RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Annual occupational exposure repts for period Jan-Dec 1994.  
W/950228 Ltr.

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# NIAGARA MOHAWK

NIAGARA MOHAWK POWER CORPORATION/NINE MILE POINT, P.O. BOX 63, LYCOMING, N.Y. 13093/TELEPHONE (315) 349-2447

LOUIS F. STORZ  
Vice President  
Nuclear Generation

February 28, 1995  
NMPIL 0909

United States Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

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

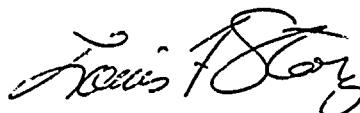
Nine Mile Point Unit 2  
Docket No. 50-410  
NPF-69

Gentlemen:

In accordance with the Technical Specifications for the Nine Mile Point Nuclear Station Units 1 and 2, Niagara Mohawk is submitting the Annual Occupational Exposure Reports. These reports cover the period January 1, 1994 through December 31, 1994.

Please refer any questions regarding these reports to Mr. Robert Carlson, Supervisor Dosimetry, (315) 349-2728.

Sincerely,



Louis F. Storz  
Vice President - Nuclear Generation

LFS/RC/lmc

xc: Regional Administrator, Region I  
Mr. Barry S. Norris, Senior Resident Inspector

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WQPRPT7A NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION FOR UNIT ONE  
FOR 01/01/94 THRU 12/31/94

DATE: 01/12/95  
TIME: 13:06:24

WORK & JOB FUNCTION	---NUMBER OF PERSONNEL ( ) 00 M-REM---				-----TOTAL MILLI-REM-----			
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT & OTHERS	TOTAL PERSONS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT & OTHERS	TOTAL MILLI-REMS
<b>REACTOR OPERATIONS &amp; SURV.</b>								
MAINTENANCE PERSONNEL	510	1	99		4,329	5	710	
OPERATING PERSONNEL	4370	0	627		16,892	0	1,922	
HEALTH PHYSICS PERSONNEL	1653	0	0		4,626	0	0	
ENGINEERING PERSONNEL	162	3	80		1,010	30	483	
SUPERVISORY PERSONNEL	363	0	8		1,579	0	37	
TOTAL	7058	4	814	7876	28,436	35	3,152	31,623
<b>ROUTINE MAINTENANCE</b>								
MAINTENANCE PERSONNEL	1145	0	98		16,239	0	1,191	
OPERATING PERSONNEL	104	0	30		736	0	700	
HEALTH PHYSICS PERSONNEL	384	1	0		2,556	10	0	
ENGINEERING PERSONNEL	237	8	105		3,172	66	1,191	
SUPERVISORY PERSONNEL	42	1	12		580	18	100	
TOTAL	1912	10	245	2167	23,283	94	3,182	26,559
<b>IN-SERVICE INSPECTION</b>								
MAINTENANCE PERSONNEL	2	0	0		10	0	0	
OPERATING PERSONNEL	0	0	3		0	0	33	
HEALTH PHYSICS PERSONNEL	4	0	0		55	0	0	
ENGINEERING PERSONNEL	4	0	2		70	0	20	
SUPERVISORY PERSONNEL	0	0	0		0	0	0	
TOTAL	10	0	5	15	135	0	53	188
<b>SPECIAL MAINTENANCE</b>								
MAINTENANCE PERSONNEL	25	0	213		561	0	2,367	
OPERATING PERSONNEL	6	0	26		29	0	200	
HEALTH PHYSICS PERSONNEL	26	0	0		73	0	0	
ENGINEERING PERSONNEL	6	0	32		25	0	194	
SUPERVISORY PERSONNEL	3	0	7		8	0	39	
TOTAL	66	0	278	344	696	0	2,800	3,496
<b>WASTE PROCESSING</b>								
MAINTENANCE PERSONNEL	20	0	55		200	0	334	
OPERATING PERSONNEL	1735	0	78		5,381	0	477	
HEALTH PHYSICS PERSONNEL	90	0	0		777	0	0	
ENGINEERING PERSONNEL	37	0	1		214	0	5	
SUPERVISORY PERSONNEL	25	0	0		31	0	0	
TOTAL	1907	0	134	2041	6,603	0	816	7,419
<b>REFUELING</b>								
MAINTENANCE PERSONNEL	4	0	0		20	0	0	
OPERATING PERSONNEL	4	0	0		5	0	0	
HEALTH PHYSICS PERSONNEL	5	0	0		6	0	0	
ENGINEERING PERSONNEL	0	0	0		0	0	0	
SUPERVISORY PERSONNEL	0	0	0		0	0	0	
TOTAL	13	0	0	13	31	0	0	31
<b>TOTAL BY JOB FUNCTION</b>								
MAINTENANCE PERSONNEL	1706( 101)	1( 1)	465( 74)	2172( 176)	21,359	5	4,602	25,966
OPERATING PERSONNEL	6219( 72)	0( 0)	764( 34)	6983( 106)	23,043	0	3,332	26,375
HEALTH PHYSICS PERSONNEL	2162( 48)	1( 1)	0( 0)	2163( 49)	8,093	10	0	8,103
ENGINEERING PERSONNEL	446( 106)	11( 6)	220( 55)	677( 167)	4,491	96	1,893	6,480
SUPERVISORY PERSONNEL	433( 38)	1( 1)	27( 11)	461( 50)	2,198	18	176	2,392
GRAND TOTAL	10966( 365)	14( 9)	1476( 174)	12456( 548)	59,184	129	10,003	69,316

WORKERS MAY BE COUNTED IN MORE THEN ONE CATEGORY. NUMBERS IN PARENTHESES ARE TOTAL NUMBERS OF INDIVIDUALS.



1994 - Unit 1 Special Maintenance Items

Description	Exposure (mrem)
Install Shut Down Cooling Seal Water, Mod N1-88-153	2,885
Replace Spent Fuel Pool Cooling Valve 54-99, DCR N1-001-LG-063	304
Upgrade #11 CRD Pump Impeller Shaft Bushing, DCR 1-92-001-LG-231	194
Miscellaneous Items: Reactor Water Fuel Zone Instrumentation, Spent Fuel Pool Work Platform, and Upgrade Miscellaneous Radwaste Valves	113

TOTAL = 3,496



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UBPRPT7B NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION FOR UNIT TWO  
FOR 01/01/94 THRU 12/31/94

DATE: 01/12/95  
TIME: 13:06:57

WORK & JOB FUNCTION	---NUMBER OF PERSONNEL ( ) 00 M-REM---				-----TOTAL MILLI-REM-----			
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT & OTHERS	TOTAL PERSONS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT & OTHERS	TOTAL MILLI-REMS
<b>REACTOR OPERATIONS &amp; SURV.</b>								
MAINTENANCE PERSONNEL	460	0	363		4,006	0	3,658	
OPERATING PERSONNEL	918	0	335		10,046	0	1,443	
HEALTH PHYSICS PERSONNEL	705	1	0		5,613	20	0	
ENGINEERING PERSONNEL	211	1	31		1,682	5	236	
SUPERVISORY PERSONNEL	42	0	20		327	0	130	
TOTAL	2336	2	749	3087	21,674	25	5,467	27,166
<b>ROUTINE MAINTENANCE</b>								
MAINTENANCE PERSONNEL	386	0	2027		5,547	0	27,959	
OPERATING PERSONNEL	136	0	29		1,476	0	320	
HEALTH PHYSICS PERSONNEL	361	0	0		3,622	0	0	
ENGINEERING PERSONNEL	289	0	75		2,793	0	1,920	
SUPERVISORY PERSONNEL	19	2	75		270	8	757	
TOTAL	1191	2	2206	3399	13,708	8	30,956	44,672
<b>IN-SERVICE INSPECTION</b>								
MAINTENANCE PERSONNEL	4	0	19		35	0	168	
OPERATING PERSONNEL	0	0	0		0	0	0	
HEALTH PHYSICS PERSONNEL	4	0	0		11	0	0	
ENGINEERING PERSONNEL	14	0	0		94	0	0	
SUPERVISORY PERSONNEL	0	0	0		0	0	0	
TOTAL	22	0	19	41	140	0	168	308
<b>SPECIAL MAINTENANCE</b>								
MAINTENANCE PERSONNEL	14	0	232		154	0	3,099	
OPERATING PERSONNEL	8	0	3		86	0	25	
HEALTH PHYSICS PERSONNEL	31	0	0		357	0	0	
ENGINEERING PERSONNEL	38	0	5		608	0	30	
SUPERVISORY PERSONNEL	0	0	1		0	0	5	
TOTAL	91	0	241	332	1,205	0	3,159	4,364
<b>WASTE PROCESSING</b>								
MAINTENANCE PERSONNEL	7	0	106		37	0	1,276	
OPERATING PERSONNEL	369	0	223		3,378	0	4,565	
HEALTH PHYSICS PERSONNEL	210	0	0		1,712	0	0	
ENGINEERING PERSONNEL	46	0	0		372	0	0	
SUPERVISORY PERSONNEL	36	0	1		244	0	15	
TOTAL	668	0	330	998	5,743	0	5,856	11,599
<b>REFUELING</b>								
MAINTENANCE PERSONNEL	0	0	23		0	0	198	
OPERATING PERSONNEL	11	0	0		96	0	0	
HEALTH PHYSICS PERSONNEL	12	0	0		47	0	0	
ENGINEERING PERSONNEL	10	0	0		84	0	0	
SUPERVISORY PERSONNEL	0	0	0		0	0	0	
TOTAL	33	0	23	56	227	0	198	425
<b>TOTAL BY JOB FUNCTION</b>								
MAINTENANCE PERSONNEL	871( 75)	0( 0)	2770( 168)	3641( 243)	9,779	0	36,358	46,137
OPERATING PERSONNEL	1442( 106)	0( 0)	590( 34)	2032( 140)	15,082	0	6,353	21,435
HEALTH PHYSICS PERSONNEL	1323( 53)	1( 1)	0( 0)	1324( 54)	11,362	20	0	11,382
ENGINEERING PERSONNEL	608( 147)	1( 1)	111( 33)	720( 181)	5,633	5	2,186	7,824
SUPERVISORY PERSONNEL	97( 20)	2( 1)	97( 21)	196( 42)	841	8	907	1,756
GRAND TOTAL	4341( 401)	4( 3)	3568( 256)	7913( 660)	42,697	33	45,804	88,534

WORKERS MAY BE COUNTED IN MORE THEN ONE CATEGORY. NUMBERS IN PARENTHESES ARE TOTAL NUMBERS OF INDIVIDUALS.



## 1994 - Unit 2 Special Maintenance Items

Description	Exposure (mrem)
Upgrade Spent Fuel Pool Filter Demineralizer Septa, Mod N2-91-046	1,430
Relocate Feedwater System Flow Transmitters, Mod N2-94-038	805
Upgrade Reactor Building Unit Cooler Service Water Piping, Mod N2-94-009	518
Eliminate Steam Emmissions From Reactor Building Equipment Drains, SC2-0022-93	404
Alternate Shutdown Cooling - Engineering Walkdown, Mod N2-93-006	300
Upgrade Reactor Water Cleanup Filter Demineralizer Septa, Mod N2-91-054	293
Turbine Generator Performance Monitoring, Mod N2-93-004	236
Improve Operation of Condensate Deminerlizer System Valve 2CND-PV188, SC2-0113-94	123
Install Feedwater System Strainer Gauges, SC2-0008-93	106
Miscellaneous: Modify Refueling Bridge Service Pole Caddy Replace Ruska Transmitters, and Install Feedwater Pump Vibration Probe.	149
<hr style="width: 10%; margin-left: auto; margin-right: 0;"/> TOTAL = 4,364	

