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FROM: NIAGARA MOHAWK POWER CORP
SYRACUSE, N.Y.
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DESCRIPTION

PROGRAMMING MODIFICATIONS FOR THE ANNUAL REPORT OF OPERATIONS FOR THE PERIOD OF JANUARY 1, 1976 THROUGH DECEMBER 31, 1976.

(1P & 20P)

DO NOT REMOVE

ACKNOWLEDGED

ENCLOSURE

PLANT NAME: NINE MILE PT # 1
SAB

FOR ACTION/INFORMATION

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NIAGARA MOHAWK POWER CORPORATION

NIAGARA MOHAWK

300 ERIE BOULEVARD, WEST
SYRACUSE, N. Y. 13202

June 30, 1977

JUL 13 1977
U.S. NUCLEAR REGULATORY COMMISSION
Mail Section

Mr. James P. O'Reilly
Director
United States Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA. 19406

RE: Nine Mile Point Nuclear Station Unit #1
Facility Operating License DPR-63
Docket No. 50-220

Regulatory File Cy

Dear Mr. O'Reilly:

In conformance with the Technical Specifications for Nine Mile Point Nuclear Station Unit #1, the Annual Report of Operations for the period of January 1, 1976 through December 31, 1976 was submitted on February 24, 1977, with the exception of Technical Specification Requirement 6.9.1b(3), the Number of Personnel and Man Rem Report. This requirement was not met at that time because of on-going computer programming modifications, as explained in Section 7.3 of the Annual Operating Report.

Enclosed are two copies of the 6.9.1b(3) Report which reflects these programming modifications.

Very truly yours,

T.E. Lempges
General Superintendent -
Nuclear Generation
for R.R. Schneider
Vice President -
Electric Production

cc: Director, Office of I&E (40)
Director, Office of MIPC (2)

Enc. (2 copies)

mtm

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NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM)			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
REFUELING OPERERATIONS & MAINTENANCE AEC CODE 9						
MAINTENANCE						
MECHANICS	8		4	.184		.069
ELECTRICIANS	3		2	.123		.048
OTHER MAINT	1			.005		
OPERATORS	4			.058		
INSTR & CONTROL	2		1	.010		.060
RAD PROT & CHEM	3			.052		
REACTOR PHYSICS						
SUPERVISORS						
ENGINEERS	2	3		.013	.016	
OTHERS	1	2	26	.040	.030	2.652
TOTAL	24	5	33	.485	.046	2.829
CATEGORY TOTALS		62			3.360	
PLANT TOTALS	641	114	634	144.298	9.616	176.721

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM)			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
RECIRCULATING PUMP MAINTANCE AEC CODE 8						
MAINTENANCE						
MECHANICS	1		9	.540		3.625
ELECTRICIANS	1		1	.085		.150
OTHER MAINT						
OPERATORS						
INSTR & CONTROL	4		2	.580		.265
RAD PROT & CHEM	5			.238		
REACTOR PHYSICS						
SUPERVISORS	2		1	.060		.040
ENGINEERS	3			.050		
OTHERS		2	1		.020	.420
TOTAL	16	2	14	1.553	.020	4.500
CATEGORY TOTALS		32			6.073	

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM)			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
MISCELLANEOUS SHUTDOWN MAINTENANCE AEC CODE 7						
MAINTENANCE						
MECHANICS	16		33	3.606		4.558
ELECTRICIANS	4		2	.509		.209
OTHER MAINT	1	3	1	.018	.025	.015
OPERATORS	6			.065		
INSTR & CONTROL	19		3	2.736		.430
RAD PROT & CHEM	9			.537		
REACTOR PHYSICS						
SUPERVISORS	8		1	.400		.005
ENGINEERS	2	1	1	.025	.028	.020
OTHERS		5	10		.477	.854
TOTAL	67	9	51	7.896	.530	6.091
CATEGORY TOTALS		127			14.517	

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM)			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
LPRM MAINTENANCE AEC CODE 5						
MAINTENANCE						
MECHANICS	1					
ELECTRICIANS						
OTHER MAINT						
OPERATORS	2			.040		
INSTR & CONTROL	2		1	.057		.085
RAD PROT & CHEM						
REACTOR PHYSICS						
SUPERVISORS	1			.155		
ENGINEERS						
OTHERS			1			.010
TOTAL	5		2	.252		.095
CATEGORY TOTALS		7			.347	

NINE MILE POINT NUCLEAR STATION UNIT 1

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM) STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	TOTAL MAN-REM STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
IN-SERVICE INSPECTION AEC CODE 5						
MAINTENANCE						
MECHANICS	4		17	1.320		3.685
ELECTRICIANS	1		2	.005		.019
OTHER MAINT						
OPERATORS						
INSTR & CONTROL	2			.245		
RAD PROT & CHEM	4			.249		
REACTOR PHYSICS						
SUPERVISORS	7			.353		
ENGINEERS	1	3	2	.015	.235	.235
OTHERS		1	15		.729	4.070
TOTAL	19	4	36	2.187	.964	8.009
CATEGORY TOTALS		59			11.160	

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM)			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
ROD DRIVE MAINTENANCE AEC CODE 4						
MAINTENANCE						
MECHANICS	17		13	.549		.264
ELECTRICIANS	3		3	.036		.096
OTHER MAINT						
OPERATORS						
INSTR & CONTROL	2		1	.023		.015
RAD PROT & CHEM	5			.021		
REACTOR PHYSICS						
SUPERVISORS	1			.004		
ENGINEERS	4			.100		
OTHERS		1			.020	
TOTAL	32	1	17	.733	.020	.375
CATEGORY TOTALS		50			1.128	

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM)			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
WASTE CONCENTRATOR OVERHAUL OR REPAIR AEC CODE 3						
MAINTENANCE						
MECHANICS	3		3	.025		.045
ELECTRICIANS						
OTHER MAINT						
OPERATORS	1			.005		
INSTR & CONTROL						
RAD PROT & CHEM	1			.004		
REACTOR PHYSICS						
SUPERVISORS						
ENGINEERS	1	1		.001	.025	
OTHERS						
TOTAL	6	1	3	.035	.025	.045
CATEGORY TOTALS		10			.105	

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM) STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	TOTAL MAN-REM STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
ROUTINE MAINTENANCE (DURING OPERATION) AEC CODE 2						
MAINTENANCE						
MECHANICS	20		20	6.535		5.091
ELECTRICIANS	6		6	.999		.528
OTHER MAINT	5	2	1	.227	.020	.025
OPERATORS	18			.590		
INSTR & CONTROL	14		6	2.601		.377
RAD PROT & CHEM	12			.655		
REACTOR PHYSICS						
SUPERVISORS	13		2	1.069		.065
ENGINEERS	3	2	2	.073	.022	.025
OTHERS		11	17		1.643	1.258
TOTAL	91	15	54	12.749	1.685	7.369
CATEGORY TOTALS		160			21.803	

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM)			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
ROUTINE PLANT OPER & SURV AEC CODE 1						
MAINTENANCE						
MECHANICS	11		16	.760		.200
ELECTRICIANS	4		2	.196		.012
OTHER MAINT	1	2	1	.001	.075	.009
OPERATORS	24			16.524		
INSTR & CONTROL	15		6	4.566		.219
RAD PROT & CHEM	12			3.506		
REACTOR PHYSICS	1			.030		
SUPERVISORS	24	2	3	10.434	.010	.276
ENGINEERS	4	20	9	.214	.616	.392
OTHERS	1	19	60	.002	.235	1.835
TOTAL	97	43	97	36.233	.936	2.943
CATEGORY TOTALS		237			40.112	

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM)			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
WASTE PROCESSING FACILITY AEC CODE *						
MAINTENANCE						
MECHANICS	19		25	14.338		18.972
ELECTRICIANS	5		4	4.684		1.240
OTHER MAINT		1	1		.055	.680
OPERATORS	23			31.092		
INSTR & CONTROL	9		3	1.266		.566
RAD PROT & CHEM	13			10.297		
REACTOR PHYSICS						
SUPERVISORS	16		2	8.610		.640
ENGINEERS	1	4	1	.001	.093	.001
OTHERS	2	6	42	.045	3.891	7.073
TOTAL	88	11	78	70.333	4.039	29.172
CATEGORY TOTALS		177			103.544	

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM)			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
MISC VALVE MAINTENANCE AEC CODE V						
MAINTENANCE						
MECHANICS	17		17	.913		1.033
ELECTRICIANS	5		2	.252		.225
OTHER MAINT						
OPERATORS	2			.022		
INSTR & CONTROL	2		1	.083		.005
RAD PROT & CHEM	6			.116		
REACTOR PHYSICS						
SUPERVISORS	4		1	.115		.170
ENGINEERS	3			.010		
OTHERS			5			.069
TOTAL	39		26	1.511		1.502
CATEGORY TOTALS		65			3.013	

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM)			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
TURBINE STOP CONTROL INTERCEPT BYPASS AEC CODE J						
MAINTENANCE						
MECHANICS						
ELECTRICIANS						
OTHER MAINT						
OPERATORS						
INSTR & CONTROL						
RAD PROT & CHEM						
REACTOR PHYSICS						
SUPERVISORS						
ENGINEERS		1			.010	
OTHERS		1			.010	
TOTAL		2			.020	
CATEGORY TOTALS		2			.020	

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM)			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
TURBINE OVERHAUL AEC CODE T						
MAINTENANCE						
MECHANICS	3		9	.012		.190
ELECTRICIANS	2		1	.003		.001
OTHER MAINT						
OPERATORS						
INSTR & CONTROL	4			.158		
RAD PROT & CHEM	2			.046		
REACTOR PHYSICS						
SUPERVISORS	1			.002		
ENGINEERS			2			.015
OTHERS		1	8		.025	.147
TOTAL	12	1	20	.221	.025	.353
CATEGORY TOTALS		33			.599	

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM)			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
REHEATER MAINTENENCE AEC CODE R						
MAINTENANCE						
MECHANICS	13		15	1.143		.210
ELECTRICIANS	2			.019		
OTHER MAINT						
OPERATORS						
INSTR & CONTROL	3			.249		
RAD PROT & CHEM	5			.110		
REACTOR PHYSICS						
SUPERVISORS	2		1	.020		.006
ENGINEERS	1		1	.002		.005
OTHERS		3	6		.094	1.020
TOTAL	26	3	23	1.543	.094	1.241
CATEGORY TOTALS		52			2.878	

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM)			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
TIP MAINTENANCE AEC CODE P						
MAINTENANCE						
MECHANICS						
ELECTRICIANS						
OTHER MAINT						
OPERATORS						
INSTR & CONTROL	8		1	.634		.020
RAD PROT & CHEM	7			.095		
REACTOR PHYSICS	1			.005		
SUPERVISORS	1			.430		
ENGINEERS	1	1		.010	.035	
OTHERS			3			.277
TOTAL	18	1	4	1.174	.035	.297
CATEGORY TOTALS		23			1.506	

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM)			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
ONGOING CONST STA MODS RETRO-FITS AEC CODE N						
MAINTENANCE						
MECHANICS	7		1	.313		.005
ELECTRICIANS	2		3	.020		.020
OTHER MAINT						
OPERATORS	2			.012		
INSTR & CONTROL	3		1	.009		.020
RAD PROT & CHEM	7			.262		
REACTOR PHYSICS						
SUPERVISORS	4		1	.092		.089
ENGINEERS	1	2		.002	.004	
OTHERS		3	63		.025	21.695
TOTAL	26	5	69	.710	.029	21.829
CATEGORY TOTALS		100			22.568	

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM) STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	TOTAL MAN-REM STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
MAIN STEAM ISOLATION VALVE MAINT AEC CODE M						
MAINTENANCE						
MECHANICS	4			.055		
ELECTRICIANS			1			.002
OTHER MAINT						
OPERATORS						
INSTR & CONTROL	2			.025		
RAD PROT & CHEM	3			.011		
REACTOR PHYSICS						
SUPERVISORS						
ENGINEERS	2		1	.006		.004
OTHERS			6			.219
TOTAL	11		8	.097		.225
CATEGORY TOTALS		19			.322	

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM)			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
ELECTROMATIC RELIEF VALVE MAINTENENCE AEC CODE E						
MAINTENANCE						
MECHANICS			5			.520
ELECTRICIANS	1		2	.125		.460
OTHER MAINT						
OPERATORS						
INSTR & CONTROL						
RAD PROT & CHEM	3			.067		
REACTOR PHYSICS						
SUPERVISORS	1			.090		
ENGINEERS	1			.020		
OTHERS						
TOTAL	6		7	.302		.980
CATEGORY TOTALS		13			1.282	

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM)			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
CONDENSATE DEMINERALIZER MAINTENANCE AEC CODE C						
MAINTENANCE						
MECHANICS	8		12	1.110		1.090
ELECTRICIANS	4		3	.017		.020
OTHER MAINT		1			.005	
OPERATORS						
INSTR & CONTROL	1		1	.022		.010
RAD PROT & CHEM	3			.036		
REACTOR PHYSICS						
SUPERVISORS	3			.092		
ENGINEERS	1			.010		
OTHERS			2			.350
TOTAL	20	1	18	1.287	.005	1.470
CATEGORY TOTALS		39			2.762	

NINE MILE POINT NUCLEAR STATION UNIT I

PERSONNEL RADIATION EXPOSURE SUMMARY

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 0 MREM)			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS & OTHERS
REACTOR CLEANUP SYSTEM AEC CODE A						
MAINTENANCE						
MECHANICS	12		22	1.735		5.792
ELECTRICIANS	1		1	.065		.130
OTHER MAINT		1			.005	
OPERATORS	1			.010		
INSTR & CONTROL	4			1.245		
RAD PROT & CHEM	10			1.215		
REACTOR PHYSICS						
SUPERVISORS	9	1	1	.707	.010	.120
ENGINEERS	1	5	2	.020	.268	2.055
OTHERS		3	48		.860	79.299
TOTAL	38	10	74	4.997	1.143	87.396
CATEGORY TOTALS		122			93.536	