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U. S. Nuclear Regulatory Commission
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Subject: McGuire Nuclear Station
Docket Nos. 50-369 and 50-370
Occupational Radiation Exposure Report

Pursuant to McGuire Technical Specification 5.6.1, attached is the subject annual Occupational Radiation Exposure Report. This report provides a tabulation of the number of station, utility, and other personnel (including contractors) receiving exposure greater than 100mRem/year, followed by the total dose for each respective worker classification and job function for the 2003 calendar year.

No administrative or regulatory radiation exposure limits were exceeded by any worker.

Questions concerning this report should be directed to Kay Crane at (704) 875-4306.



Gary R. Peterson

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DUKE POWER COMPANY - MCGUIRE NUCLEAR STATION
 TABULATION OF NUMBER OF PERSONNEL AND PERSON-REM BY WORK AND JOB
 FUNCTION FOR 2003

DATE: 03/10/04

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL(>100 MREM)			TOTAL PERSON-REM(>100 MREM)		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS AND OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS AND OTHERS
**IN-SERVICE INSPECTION						
ENGINEERING	2	0	0	0.139	0.000	0.000
HEALTH PHYSICS	1	0	2	0.002	0.000	0.013
MAINTENANCE	9	2	20	0.823	0.011	1.059
OPERATING	4	0	2	0.302	0.000	0.000
SUPERVISION	5	4	9	0.338	0.572	1.019
**REACTOR OPERS. & SURVEILLANCE						
ENGINEERING	5	0	0	0.592	0.000	0.000
HEALTH PHYSICS	12	0	25	1.418	0.000	3.545
MAINTENANCE	67	20	62	0.994	0.118	0.107
OPERATING	18	0	18	1.969	0.000	0.094
SUPERVISION	7	6	8	0.059	0.004	0.027
**REFUELING						
ENGINEERING	1	0	0	0.031	0.000	0.000
HEALTH PHYSICS	0	0	1	0.000	0.000	0.000
MAINTENANCE	28	15	3	1.039	0.512	0.094
OPERATING	0	0	0	0.000	0.000	0.000
SUPERVISION	0	0	0	0.000	0.000	0.000
**ROUTINE MAINTENANCE						
ENGINEERING	5	0	0	0.428	0.000	0.000
HEALTH PHYSICS	12	0	17	0.330	0.000	0.322
MAINTENANCE	71	21	75	14.625	4.251	13.349
OPERATING	12	0	22	0.042	0.000	5.061
SUPERVISION	7	6	9	0.533	0.393	0.465
**SPECIAL MAINTENANCE						
ENGINEERING	1	0	0	0.001	0.000	0.000
HEALTH PHYSICS	6	0	1	0.003	0.000	0.000
MAINTENANCE	28	2	23	0.069	0.000	0.877
OPERATING	0	0	0	0.000	0.000	0.000
SUPERVISION	3	0	0	0.000	0.000	0.000
**WASTE PROCESSING						
ENGINEERING	1	0	0	0.000	0.000	0.000
HEALTH PHYSICS	10	0	4	0.762	0.000	0.345
MAINTENANCE	7	0	4	0.035	0.000	0.001
OPERATING	3	0	18	0.010	0.000	0.059
SUPERVISION	0	0	0	0.000	0.000	0.000
**TOTAL						
ENGINEERING	5	0	0	1.191	0.000	0.000
HEALTH PHYSICS	12	0	25	2.515	0.000	4.225
MAINTENANCE	71	21	82	17.585	4.892	15.487
OPERATING	18	0	22	2.323	0.000	5.214
SUPERVISION	7	6	9	0.930	0.969	1.511
GRAND TOTAL	113	27	138	24.544	5.861	26.437

STATION TOTAL DOSE FOR 2003 WAS 71 PERSON-REM (TLD)