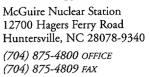
Duke Energy Corporation



Duke Energy.

H. B. Barron Vice President

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February 3, 2000

U. S. Nuclear Regulatory Commission Document Control Desk Washington, D.C. 20555

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

McGuire Technical Specification 5.6.1 requires the submittal of an annual Occupational Radiation Exposure Report covering the previous calendar year. The attached report is submitted in accordance with 10CFR 50.4 and to meet this Technical Specification reporting requirement. The report provides a tabulation of the number of station, utility, and other personnel (including contractors) receiving exposure greater than 100mRem followed by the total dose for each respective worker classification and job function for the 1999 calendar year.

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

Very truly yours,

Sauce

H. B. Barron, Vice President McGuire Nuclear Site

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February 3, 2000 NRC Document Control Desk Page 2

cc: Mr. Frank Rinaldi, Project Manager U. S. Nuclear Regulatory Commission Office of Nuclear Reactor Regulation One White Flint North, Mail Stop 9H3 Washington, D.C. 20555

Mr. Luis Reyes
Regional Administrator, Region II
U. S. Nuclear Regulatory Commission
Atlanta Federal Center
61 Forsyth St., Suite 23T85
Atlanta, Georgia 30323

American Nuclear Insurers Town Center, Suite 300S 29 South Main Street West Hartford, CT 06107-2445

Mr. Scott Shaeffer Senior Resident Inspector McGuire Nuclear Station

DUKE POWER COMPANY - MCGUIRE NUCLEAR STATION TABULATION OF NUMBER OF PERSONNEL AND PERSON-REM BY WORK AND JOB FUNCTION FOR 1999

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DATE: 01/19/00

HORK AND JOB FUNCTION	NUMBE STATION EMPLOYEES	R OF PERSONNEL UTILITY EMPLOYEES	L(>100 MREM) CONTRACT MORKERS AND OTHERS	TOTAL STATION EMPLOYEES	PERSON-REM(>100 UTILITY EMPLOYEES	MREM) CONTRACT WORKERS AND OTHERS
**IN-SERVICE INSPECTION						· · ·
ENGINEERING HEALTH PHYSICS MAINTENANCE OPERATING SUPERVISION	0 32 5 5	0 0 21 0 14	0 18 45 5 10	0.000 0.001 0.095 0.006 0.030	0.000 0.000 0.185 0.000 0.324	0.000 0.202 0.506 0.004 0.046
**REACTOR OPERS. & SURVEILLANCE						
ENGINEERING HEALTH PHYSICS MAINTENANCE OPERATING SUPERVISION	5 18 114 69 9	4 0 145 0 23	0 61 234 17 18	0.026 1.251 0.478 2.587 0.032	0.146 0.000 0.478 0.000 0.023	0.000 1.120 0.448 0.727 0.006
**REFUELING		· · ·				1 A.
ENGINEERING HEALTH PHYSICS MAINTENANCE ØPERATING SUPERVISION	0 0 1 1 0	0 0 33 0 0	0 2 2 0 2	0.000 0.000 0.000 0.001 0.001	0.000 0.000 0.078 0.000 0.000	0.000 0.002 0.000 0.000 0.000
**ROUTINE MAINTENANCE						بېرونې
ENGINEERING HEALTH PHYSICS MAINTENANCE OPERATING SUPERVISION	5 18 114 77 9	4 1 146 0 23	0 60 238 19 18	0.864 4.190 30.302 13.473 2.656	0.548 0.080 49.090 0.000 7.024	0.000, 16.940 109.249 5.106 4.225
**SPECIAL MAINTENANCE						
ENGINEERING HEALTH PHYSICS MAINTENANCE OPERATING SUPERVISION	0 6 45 4 6	1 0 42 0 2	0 23 33 10 5	0.000 0.123 0.506 0.003 0.008	0.000 0.000 0.101 0.000 0.003	0.000 0.116 0.148 0.006 0.002
**WASTE PROCESSING						
ENGINEERING HEALTH PHYSICS MAINTENANCE OPERATING SUPERVISION	0 1 0 0 0		4 0 1 17 0	0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000 0.000	0.000 0.000 0.001 0.146 0.146
**TOTAL						
ENGINEERING HEALTH PHYSICS MAINTENANCE OPERATING SUPERVISION	5 18 114 77 9	4 1 146 0 23	0 61 238 19 19	0.890 5.565 31.381 16.070 2.726	0.694 0.080 49.932 0.000 7.374	0.000 18.380 110.352 5.989 4.279
GRAND TOTAL	223	174	337	56.632	58.080	139.000
	*	مسابق الار				

STATION TOTAL DOSE FOR 1999 WAS 257 PERSON-REM (TLD)