



Duke Power
McGuire Nuclear Station
12700 Hagers Ferry Road
Huntersville, NC 28078-9340
(704) 875-4000

D. M. Jamil
*Vice President, McGuire
Nuclear Generation Department*

(704) 875-5333 OFFICE
(704) 875-4809 FAX

April 22, 2003

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

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 2002 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.

D. M. Jamil

IES6

NRC Document Control Desk

April 22, 2003

Page 2

cc: Mr. R. E. Martin Project Manager
U. S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
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 2002

DATE: 04/03/03

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	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	2	0	6	0.001	0.000	0.010
MAINTENANCE	28	54	44	0.143	0.825	0.390
OPERATING	31	0	7	2.099	0.000	0.120
SUPERVISION	12	10	15	1.124	3.407	1.162
**REACTOR OPERS. & SURVEILLANCE						
ENGINEERING	6	0	0	0.851	0.000	0.000
HEALTH PHYSICS	19	0	52	2.201	0.000	10.342
MAINTENANCE	103	112	205	0.913	0.313	0.138
OPERATING	70	0	26	9.880	0.000	0.184
SUPERVISION	13	12	17	0.193	0.022	0.060
**REFUELING						
ENGINEERING	1	0	0	0.329	0.000	0.000
HEALTH PHYSICS	1	0	12	0.000	0.000	0.104
MAINTENANCE	9	53	4	0.811	9.475	0.363
OPERATING	7	0	5	0.027	0.000	0.002
SUPERVISION	0	1	0	0.000	0.000	0.000
**ROUTINE MAINTENANCE						
ENGINEERING	5	0	0	0.633	0.000	0.000
HEALTH PHYSICS	19	0	45	1.121	0.000	0.783
MAINTENANCE	104	112	228	24.329	28.344	60.106
OPERATING	63	0	33	0.755	0.000	6.309
SUPERVISION	13	11	16	1.469	1.021	1.400
**SPECIAL MAINTENANCE						
ENGINEERING	2	0	0	0.001	0.000	0.000
HEALTH PHYSICS	10	0	10	0.068	0.000	0.058
MAINTENANCE	56	32	25	1.015	0.551	0.485
OPERATING	3	0	10	0.125	0.000	0.325
SUPERVISION	10	2	3	0.086	0.007	0.114
**WASTE PROCESSING						
ENGINEERING	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	14	0	13	1.445	0.000	0.106
MAINTENANCE	6	4	4	0.004	0.003	0.008
OPERATING	6	0	24	0.192	0.000	0.096
SUPERVISION	1	0	0	0.001	0.000	0.000
**TOTAL						
ENGINEERING	6	0	0	1.814	0.000	0.000
HEALTH PHYSICS	19	0	52	4.836	0.000	11.403
MAINTENANCE	104	112	228	27.215	39.511	61.490
OPERATING	70	0	35	13.078	0.000	7.036
SUPERVISION	13	12	17	2.873	4.457	2.736
GRAND TOTAL	212	124	332	49.816	43.968	82.665

STATION TOTAL DOSE FOR 2002 WAS 181 PERSON-REM (TLD)