

April 28, 2004

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

Subject: Catawba Nuclear Station, Units 1 and 2
Docket Nos. 50-413 and 50-414
2003 Occupational Radiation Exposure Report

Pursuant to Catawba Nuclear Station Technical Specification 5.6.1, the 2003 Occupational Radiation Exposure Report for Catawba Nuclear Station is attached.

This report is submitted in accordance with 10 CFR 50.4 and provides a tabulation of the number of station, utility, and other personnel (including contractors) receiving exposure greater than 100 mRem/year followed by the total dose of each respective worker classification and job function during the 2003 calendar year. Special maintenance work included miscellaneous valve replacement, an auxiliary emergency core cooling system ventilation modification, a steam generator rat hole modification, an inspection of the spent resin storage tank screens, and other miscellaneous small modifications.

Any questions concerning this report should be directed to Kay Nicholson at 803.831.3237.

Sincerely,



Dhiaa M. Jamil

Attachment

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xc: L. A. Reyes, Regional Administrator, Region II
S. E. Peters, NRR Project Manager
E. F. Guthrie, Senior Resident Inspector

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DUKE POWER COMPANY - CATAWBA 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	4	1	0	0.143	0.005	0.000
HEALTH PHYSICS	3	0	19	0.004	0.000	0.357
MAINTENANCE	35	15	141	0.869	0.882	15.016
OPERATING	46	0	6	3.247	0.000	0.075
SUPERVISION	8	8	20	0.975	1.556	2.848
**REACTOR OPERS. & SURVEILLANCE						
ENGINEERING	13	1	1	0.710	0.046	0.125
HEALTH PHYSICS	11	0	57	1.862	0.000	5.508
MAINTENANCE	151	52	276	2.183	1.118	2.512
OPERATING	76	0	36	12.207	0.000	0.711
SUPERVISION	12	7	23	0.132	0.023	0.067
**REFUELING						
ENGINEERING	4	0	0	0.402	0.000	0.000
HEALTH PHYSICS	2	0	13	0.023	0.000	0.369
MAINTENANCE	60	23	48	4.903	2.828	1.995
OPERATING	1	0	15	0.107	0.000	0.187
SUPERVISION	4	2	8	0.187	0.004	0.182
**ROUTINE MAINTENANCE						
ENGINEERING	12	1	0	1.192	0.071	0.000
HEALTH PHYSICS	11	0	55	0.783	0.000	4.996
MAINTENANCE	155	52	335	27.601	9.311	71.791
OPERATING	71	0	75	1.049	0.000	17.901
SUPERVISION	12	7	26	1.242	0.231	2.813
**SPECIAL MAINTENANCE						
ENGINEERING	8	0	0	0.179	0.000	0.000
HEALTH PHYSICS	9	0	11	0.159	0.000	0.307
MAINTENANCE	49	25	109	0.682	0.769	7.093
OPERATING	11	0	12	0.153	0.000	0.236
SUPERVISION	6	5	7	0.033	0.012	0.093
**WASTE PROCESSING						
ENGINEERING	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	7	0	14	0.154	0.000	0.332
MAINTENANCE	5	2	5	0.004	0.007	0.022
OPERATING	1	0	34	0.005	0.000	0.288
SUPERVISION	1	0	2	0.000	0.000	0.011
**TOTAL						
ENGINEERING	13	1	1	2.626	0.122	0.125
HEALTH PHYSICS	11	0	57	2.985	0.000	11.869
MAINTENANCE	155	52	335	36.242	14.915	98.429
OPERATING	76	0	75	16.768	0.000	19.398
SUPERVISION	12	8	27	2.569	1.826	6.014
GRAND TOTAL	267	61	495	61.190	16.863	135.835

STATION TOTAL DOSE FOR 2003 WAS 211 PERSON-REM (TLD)