

April 24, 2003

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  
2002 Occupational Radiation Exposure Report

Pursuant to Catawba Nuclear Station Technical Specification 5.6.1, the 2002 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 2001 calendar year. Special maintenance work included site labeling project, replacement of the variable letdown orifice, permanent shielding modifications, inspection and repair of spent resin storage tank screens, cork removal in the pipechase and fan/accumulator rooms, and miscellaneous other small station modifications.

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

Sincerely,

  
Gary R. Peterson

Attachment

2002 ORER

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

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DUKE POWER COMPANY - CATAMBA 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
<b>**IN-SERVICE INSPECTION</b>						
ENGINEERING	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	4	0	3	0.003	0.000	0.076
MAINTENANCE	3	6	13	0.047	0.601	1.222
OPERATING	29	0	1	1.701	0.000	0.024
SUPERVISION	2	5	1	0.175	0.924	0.252
<b>**REACTOR OPERS. &amp; SURVEILLANCE</b>						
ENGINEERING	4	0	0	0.107	0.000	0.000
HEALTH PHYSICS	13	0	21	1.588	0.000	1.219
MAINTENANCE	41	68	62	0.212	0.157	0.333
OPERATING	55	0	21	4.835	0.000	0.054
SUPERVISION	8	4	2	0.067	0.002	0.011
<b>**REFUELING</b>						
ENGINEERING	1	0	0	0.027	0.000	0.000
HEALTH PHYSICS	0	0	3	0.000	0.000	0.092
MAINTENANCE	9	35	7	0.277	2.805	0.097
OPERATING	5	0	6	0.003	0.000	0.011
SUPERVISION	2	1	0	0.106	0.001	0.000
<b>**ROUTINE MAINTENANCE</b>						
ENGINEERING	4	0	0	0.196	0.000	0.000
HEALTH PHYSICS	13	0	21	0.582	0.000	1.398
MAINTENANCE	42	69	69	6.985	8.356	8.046
OPERATING	47	0	46	0.756	0.000	7.947
SUPERVISION	8	4	1	0.470	0.070	0.000
<b>**SPECIAL MAINTENANCE</b>						
ENGINEERING	3	0	0	0.450	0.000	0.000
HEALTH PHYSICS	6	0	5	0.012	0.000	0.034
MAINTENANCE	17	21	35	0.702	2.448	4.340
OPERATING	0	0	12	0.000	0.000	0.801
SUPERVISION	4	2	1	1.108	0.105	0.129
<b>**WASTE PROCESSING</b>						
ENGINEERING	1	0	0	0.000	0.000	0.000
HEALTH PHYSICS	12	0	6	0.397	0.000	0.399
MAINTENANCE	4	12	2	0.016	0.058	0.027
OPERATING	2	0	19	0.278	0.000	0.279
SUPERVISION	1	2	0	0.000	0.000	0.000
<b>**TOTAL</b>						
ENGINEERING	4	0	0	0.780	0.000	0.000
HEALTH PHYSICS	13	0	21	2.582	0.000	3.218
MAINTENANCE	42	69	71	8.239	14.425	14.065
OPERATING	55	0	46	7.573	0.000	9.116
SUPERVISION	8	5	2	1.926	1.102	0.392
<b>GRAND TOTAL</b>	<b>122</b>	<b>74</b>	<b>140</b>	<b>21.100</b>	<b>15.527</b>	<b>26.791</b>

STATION TOTAL DOSE FOR 2002 WAS 81 PERSON-REM (TLD)