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**DUKE POWER**

February 26, 1990

Director, Office of Nuclear Regulatory Research  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Document Control Desk

Subject: Catawba Nuclear Station, Units 1 and 2  
Docket Nos. 50-413 and 50-414  
Personnel Monitoring Report

Gentlemen:

Pursuant to 10 CFR 20.407 (a) (2) and Technical Specification 6.9.1, please find attached the 1989 Catawba Nuclear Station Personnel Monitoring Report. Attachment I provides a statistical summary of all individuals for whom personnel monitoring was provided during the 1989 calendar year. Attachment II provides a tabulation of the number of station, utility, and other personnel receiving exposure greater than 100 mRem/year, followed by the total dose for each respective worker classification and job function during the 1989 calendar year.

Very truly yours,

*J. W. Hampton*  
*for*  
Hal B. Tucker

MHH-18/lcs

Attachment

xc: Mr. S. D. Ebnetter  
Regional Administrator, Region II  
U. S. Nuclear Regulatory Commission  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

Mr. W. T. Orders  
NRC Resident Inspector  
Catawba Nuclear Station

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ATTACHMENT I

Centralized Dose Record Keeping File  
Statistical Report of Recorded Personnel Whole Body Exposures  
Time: 11:23 EST      Date: 02/13/90      Annual Report: 1989  
Duke Power Company      Station: Catawba

Estimated Whole Body Exposure Range (REMS)	Number of Individuals in Each Range
< 0.001	1392
0.001 to 0.10	748
0.10 to 0.25	429
0.25 to 0.50	303
0.50 to 0.75	127
0.75 to 1.00	33
1.00 to 2.00	20
2.00 to 3.00	0
3.00 to 4.00	0
4.00 to 5.00	0
5.00 to 6.00	0
6.00 to 7.00	0
8.00 to 9.00	0
9.00 to 10.00	0
10.00 to 11.00	0
11.00 to 12.00	0
> = 12.00	0
Total Number of Individuals Reported:	3052



ATTACHMENT II

Date: 02/16/90  
 Time: 05:34EST

Duke Power Company - Catawba Nuclear Station  
 Tabulation of Number of Personnel and Person-REM By Work and Job Function for 1989

Work & 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>Reactor Operations &amp; Surveillance</b>						
Maintenance Personnel	221	213	114	3.930	2.720	0.940
Operating Personnel	66	27	36	19.735	0.285	0.730
Health Physics Personnel	56	23	109	10.000	0.175	13.210
Supervisory Personnel	02	05	00	0.165	0.105	0.000
Engineering Personnel	76	25	07	4.817	0.560	0.000
<b>Routine Maintenance</b>						
Maintenance Personnel	219	199	67	62.730	26.621	7.940
Operating Personnel	64	26	41	0.750	2.290	21.058
Health Physics Personnel	55	22	106	8.709	1.465	9.605
Supervisory Personnel	02	05	00	0.000	0.760	0.000
Engineering Personnel	74	23	03	10.830	4.335	0.105
<b>Inservice Inspection</b>						
Maintenance Personnel	78	114	87	6.070	19.840	36.835
Operating Personnel	08	22	18	0.705	4.275	0.745
Health Physics Personnel	23	12	80	1.965	1.290	11.530
Supervisory Personnel	00	04	00	0.000	0.070	0.000
Engineering Personnel	46	09	05	7.030	1.415	1.210
<b>Special Maintenance</b>						
Maintenance Personnel	195	193	71	14.550	27.355	12.495
Operating Personnel	24	23	35	0.885	1.975	5.336
Health Physics Personnel	43	19	83	3.115	2.865	5.600
Supervisory Personnel	01	05	00	0.000	0.690	0.000
Engineering Personnel	46	23	02	2.380	3.450	0.145
<b>Waste Processing</b>						
Maintenance Personnel	15	17	01	0.495	0.230	0.000
Operating Personnel	02	02	37	0.015	0.130	3.705
Health Physics Personnel	28	06	17	5.190	0.270	1.770
Supervisory Personnel	00	01	00	0.000	0.000	0.000
Engineering Personnel	09	01	00	0.175	0.000	0.000
<b>Refueling</b>						
Maintenance Personnel	49	26	02	2.234	0.170	0.030
Operating Personnel	17	05	07	0.260	0.035	0.115
Health Physics Personnel	18	03	32	0.035	0.000	0.055
Supervisory Personnel	00	01	00	0.000	0.005	0.000
Engineering Personnel	22	07	00	0.080	0.020	0.000
<b>Total</b>						
Maintenance Personnel	222	218	121	90.009	76.936	58.240
Operating Personnel	66	27	41	21.750	8.990	31.689
Health Physics Personnel	56	23	109	29.014	6.065	41.770
Supervisory Personnel	01	05	00	0.165	1.630	0.000
Engineering Personnel	78	24	06	25.312	9.780	1.460
<b>Grand Total</b>	<b>423</b>	<b>297</b>	<b>277</b>	<b>166.250</b>	<b>103.401</b>	<b>133.159</b>