

APPENDIX D

Number of Personnel and Person-rem by Work and Job Function

1997

NOTE: Appendix D contains data on operating plants as well as plants which are no longer in commercial operation.

APPENDIX D

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***ARKANSAS 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	7	0	6	13	0.923	0.000	1.057	1.980
OPERATIONS PERSONNEL	11	0	0	11	1.413	0.000	0.000	1.413
HEALTH PHYSICS PERSONNEL	36	0	29	65	7.796	0.000	5.299	13.095
SUPERVISORY PERSONNEL	0	0	1	1	0.000	0.000	0.136	0.136
ENGINEERING PERSONNEL	1	0	0	1	0.201	0.000	0.000	0.201
TOTAL	55	0	36	91	10.333	0.000	6.492	16.825
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	18	2	9	29	2.811	0.329	1.139	4.279
OPERATIONS PERSONNEL	0	0	1	1	0.000	0.000	0.383	0.383
HEALTH PHYSICS PERSONNEL	0	0	2	2	0.000	0.000	0.560	0.560
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	1	0	0	1	0.251	0.000	0.000	0.251
TOTAL	19	2	12	33	3.062	0.329	2.082	5.473
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	2	0	42	44	0.552	0.000	17.919	18.471
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	4	0	3	7	0.577	0.000	0.850	1.427
SUPERVISORY PERSONNEL	3	0	1	4	0.510	0.000	0.301	0.811
ENGINEERING PERSONNEL	4	1	9	14	0.743	0.205	4.074	5.022
TOTAL	13	1	55	69	2.382	0.205	23.144	25.731
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	5	1	14	20	0.796	0.142	1.939	2.877
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	1	0	0	1	0.101	0.000	0.000	0.101
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	1	1	0.000	0.000	0.103	0.103
TOTAL	6	1	15	22	0.897	0.142	2.042	3.081
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	2	0	1	3	0.279	0.000	0.125	0.404
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	2	0	1	3	0.279	0.000	0.125	0.404
REFUELING								
MAINTENANCE PERSONNEL	11	0	13	24	3.614	0.000	2.492	6.106
OPERATIONS PERSONNEL	10	0	1	11	3.345	0.000	0.369	3.714
HEALTH PHYSICS PERSONNEL	6	0	0	6	1.235	0.000	0.000	1.235
SUPERVISORY PERSONNEL	4	0	0	4	1.540	0.000	0.000	1.540
ENGINEERING PERSONNEL	1	0	2	3	0.253	0.000	0.574	0.827
TOTAL	32	0	16	48	9.987	0.000	3.435	13.422
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	43	3	84	130	8.696	0.471	24.546	33.713
OPERATIONS PERSONNEL	21	0	2	23	4.758	0.000	0.752	5.510
HEALTH PHYSICS PERSONNEL	49	0	35	84	9.988	0.000	6.834	16.822
SUPERVISORY PERSONNEL	7	0	2	9	2.050	0.000	0.437	2.487
ENGINEERING PERSONNEL	7	1	12	20	1.448	0.205	4.751	6.404
GRAND TOTALS	127	4	135	266	26.940	0.676	37.320	64.936

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***BEAVER VALLEY 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	9	0	10	19	2.456	0.000	4.772	7.228
OPERATIONS PERSONNEL	38	0	0	38	6.721	0.000	0.000	6.721
HEALTH PHYSICS PERSONNEL	23	0	23	46	5.628	0.000	9.173	14.801
SUPERVISORY PERSONNEL	7	0	1	8	1.924	0.000	0.235	2.159
ENGINEERING PERSONNEL	6	0	0	6	1.217	0.000	0.003	1.220
TOTAL	83	0	34	117	17.946	0.000	14.183	32.129
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	135	0	287	422	44.144	0.000	113.681	157.825
OPERATIONS PERSONNEL	0	0	1	1	0.107	0.000	0.485	0.592
HEALTH PHYSICS PERSONNEL	9	0	9	18	2.490	0.000	2.727	5.217
SUPERVISORY PERSONNEL	16	0	8	24	7.996	0.000	2.701	10.697
ENGINEERING PERSONNEL	10	0	2	12	2.406	0.000	1.578	3.984
TOTAL	170	0	307	477	57.143	0.000	121.172	178.315
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	109	109	0.165	0.000	53.453	53.618
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.340	0.340
HEALTH PHYSICS PERSONNEL	0	0	15	15	0.050	0.000	4.322	4.372
SUPERVISORY PERSONNEL	5	0	7	12	2.045	0.000	3.712	5.757
ENGINEERING PERSONNEL	0	0	2	2	0.000	0.000	0.015	0.015
TOTAL	5	0	133	138	2.260	0.000	61.842	64.102
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	17	17	0.157	0.000	6.470	6.627
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.014	0.000	0.017	0.031
SUPERVISORY PERSONNEL	1	0	1	2	0.396	0.000	0.256	0.652
ENGINEERING PERSONNEL	0	0	0	0	0.005	0.000	0.082	0.087
TOTAL	1	0	18	19	0.572	0.000	6.825	7.397
WASTE PROCESSING								
MAINTENANCE PERSONNEL	1	0	0	1	0.230	0.000	0.054	0.284
OPERATIONS PERSONNEL	2	0	0	2	0.365	0.000	0.000	0.365
HEALTH PHYSICS PERSONNEL	1	0	1	2	0.423	0.000	0.168	0.591
SUPERVISORY PERSONNEL	1	0	0	1	0.162	0.000	0.000	0.162
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	5	0	1	6	1.180	0.000	0.222	1.402
REFUELING								
MAINTENANCE PERSONNEL	4	0	38	42	0.801	0.000	17.039	17.840
OPERATIONS PERSONNEL	1	0	0	1	0.245	0.000	0.000	0.245
HEALTH PHYSICS PERSONNEL	0	0	8	8	0.024	0.000	2.744	2.768
SUPERVISORY PERSONNEL	5	0	1	6	2.048	0.000	0.369	2.417
ENGINEERING PERSONNEL	1	0	3	4	0.104	0.000	1.928	2.032
TOTAL	11	0	50	61	3.222	0.000	22.080	25.302
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	149	0	461	610	47.953	0.000	195.469	243.422
OPERATIONS PERSONNEL	41	0	1	42	7.438	0.000	0.825	8.263
HEALTH PHYSICS PERSONNEL	33	0	56	89	8.629	0.000	19.151	27.780
SUPERVISORY PERSONNEL	35	0	18	53	14.571	0.000	7.273	21.844
ENGINEERING PERSONNEL	17	0	7	24	3.732	0.000	3.606	7.338
GRAND TOTALS	275	0	543	818	82.323	0.000	226.324	308.647

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***BELLEFONTE**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
GRAND TOTALS	0	0	0	0	0.000	0.000	0.000	0.000

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***BIG ROCK POINT**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	1	1	0	2	0.323	0.307	0.030	0.660
OPERATIONS PERSONNEL	19	0	0	19	8.780	0.002	0.002	8.784
HEALTH PHYSICS PERSONNEL	9	0	8	17	2.983	0.011	2.237	5.231
SUPERVISORY PERSONNEL	1	0	0	1	0.436	0.018	0.241	0.695
ENGINEERING PERSONNEL	0	0	0	0	0.329	0.003	0.180	0.512
TOTAL	30	1	8	39	12.851	0.341	2.690	15.882
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	17	2	2	21	4.883	1.518	0.872	7.273
OPERATIONS PERSONNEL	4	0	0	4	0.568	0.000	0.000	0.568
HEALTH PHYSICS PERSONNEL	3	0	2	5	0.860	0.004	1.097	1.961
SUPERVISORY PERSONNEL	0	1	2	3	0.060	0.159	0.762	0.981
ENGINEERING PERSONNEL	1	0	2	3	0.310	0.044	0.396	0.750
TOTAL	25	3	8	36	6.681	1.725	3.127	11.533
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.030	0.000	0.000	0.030
OPERATIONS PERSONNEL	0	0	0	0	0.026	0.000	0.000	0.026
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.002	0.000	0.000	0.002
SUPERVISORY PERSONNEL	0	0	0	0	0.005	0.000	0.000	0.005
ENGINEERING PERSONNEL	0	0	0	0	0.008	0.000	0.000	0.008
TOTAL	0	0	0	0	0.071	0.000	0.000	0.071
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	2	5	0	7	0.696	2.637	0.071	3.404
OPERATIONS PERSONNEL	0	0	0	0	0.218	0.000	0.000	0.218
HEALTH PHYSICS PERSONNEL	0	0	5	5	0.119	0.009	1.451	1.579
SUPERVISORY PERSONNEL	0	0	2	2	0.082	0.001	0.760	0.843
ENGINEERING PERSONNEL	0	0	1	1	0.032	0.000	0.134	0.166
TOTAL	2	5	8	15	1.147	2.647	2.416	6.210
WASTE PROCESSING								
MAINTENANCE PERSONNEL	1	0	0	1	0.250	0.196	0.000	0.446
OPERATIONS PERSONNEL	0	0	0	0	0.040	0.000	0.000	0.040
HEALTH PHYSICS PERSONNEL	6	3	3	12	4.499	0.511	0.855	5.865
SUPERVISORY PERSONNEL	1	0	0	1	0.121	0.001	0.001	0.123
ENGINEERING PERSONNEL	0	0	0	0	0.002	0.000	0.000	0.002
TOTAL	8	3	3	14	4.912	0.708	0.856	6.476
REFUELING								
MAINTENANCE PERSONNEL	4	7	0	11	1.466	2.099	0.019	3.584
OPERATIONS PERSONNEL	23	0	0	23	5.644	0.000	0.000	5.644
HEALTH PHYSICS PERSONNEL	3	0	6	9	0.501	0.001	1.695	2.197
SUPERVISORY PERSONNEL	2	0	4	6	0.535	0.010	1.906	2.451
ENGINEERING PERSONNEL	0	0	4	4	0.018	0.000	0.458	0.476
TOTAL	32	7	14	53	8.164	2.110	4.078	14.352
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	25	15	2	42	7.648	6.757	0.992	15.397
OPERATIONS PERSONNEL	46	0	0	46	15.276	0.002	0.002	15.280
HEALTH PHYSICS PERSONNEL	21	3	24	48	8.964	0.536	7.335	16.835
SUPERVISORY PERSONNEL	4	1	8	13	1.239	0.189	3.670	5.098
ENGINEERING PERSONNEL	1	0	7	8	0.699	0.047	1.168	1.914
GRAND TOTALS	97	19	41	157	33.826	7.531	13.167	54.524

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***BRAIDWOOD 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	7	1	4	12	1.305	0.013	0.535	1.853
OPERATIONS PERSONNEL	76	3	23	102	7.864	0.085	0.292	8.241
HEALTH PHYSICS PERSONNEL	37	6	5	48	9.757	0.039	1.203	10.999
SUPERVISORY PERSONNEL	28	8	16	52	0.929	0.013	0.254	1.196
ENGINEERING PERSONNEL	33	2	6	41	0.937	0.001	0.033	0.971
TOTAL	181	20	54	255	20.792	0.151	2.317	23.260
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	155	17	1041	1213	28.709	0.211	142.514	171.434
OPERATIONS PERSONNEL	82	137	37	256	8.502	3.505	0.466	12.473
HEALTH PHYSICS PERSONNEL	33	100	143	276	8.540	0.693	32.423	41.656
SUPERVISORY PERSONNEL	200	0	52	252	6.574	0.000	0.835	7.409
ENGINEERING PERSONNEL	109	20	33	162	3.066	0.010	0.174	3.250
TOTAL	579	274	1306	2159	55.391	4.419	176.412	236.222
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	3	0	280	283	0.471	0.006	38.338	38.815
OPERATIONS PERSONNEL	3	0	0	3	0.363	0.001	0.000	0.364
HEALTH PHYSICS PERSONNEL	2	1	4	7	0.580	0.007	0.795	1.382
SUPERVISORY PERSONNEL	3	0	46	49	0.084	0.000	0.735	0.819
ENGINEERING PERSONNEL	20	0	0	20	0.563	0.000	0.000	0.563
TOTAL	31	1	330	362	2.061	0.014	39.868	41.943
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	6	0	16	22	1.068	0.000	2.255	3.323
OPERATIONS PERSONNEL	3	1	0	4	0.307	0.029	0.000	0.336
HEALTH PHYSICS PERSONNEL	3	7	0	10	0.711	0.047	0.025	0.783
SUPERVISORY PERSONNEL	4	0	0	4	0.143	0.000	0.000	0.143
ENGINEERING PERSONNEL	0	0	12	12	0.010	0.000	0.059	0.069
TOTAL	16	8	28	52	2.239	0.076	2.339	4.654
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	4	4	0.000	0.000	0.559	0.559
OPERATIONS PERSONNEL	1	0	155	156	0.076	0.000	1.981	2.057
HEALTH PHYSICS PERSONNEL	3	0	0	3	0.988	0.000	0.003	0.991
SUPERVISORY PERSONNEL	7	0	1	8	0.220	0.000	0.003	0.223
ENGINEERING PERSONNEL	0	0	0	0	0.007	0.000	0.000	0.007
TOTAL	11	0	160	171	1.291	0.000	2.546	3.837
REFUELING								
MAINTENANCE PERSONNEL	36	0	18	54	6.693	0.000	2.480	9.173
OPERATIONS PERSONNEL	11	12	0	23	1.186	0.311	0.000	1.497
HEALTH PHYSICS PERSONNEL	3	35	0	38	0.706	0.245	0.088	1.039
SUPERVISORY PERSONNEL	48	9	0	57	1.575	0.012	0.005	1.592
ENGINEERING PERSONNEL	1	0	0	1	0.027	0.000	0.000	0.027
TOTAL	99	56	18	173	10.187	0.568	2.573	13.328
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	207	18	1363	1588	38.246	0.230	186.681	225.157
OPERATIONS PERSONNEL	176	153	215	544	18.298	3.931	2.739	24.968
HEALTH PHYSICS PERSONNEL	81	149	152	382	21.282	1.031	34.537	56.850
SUPERVISORY PERSONNEL	290	17	115	422	9.525	0.025	1.832	11.382
ENGINEERING PERSONNEL	163	22	51	236	4.610	0.011	0.266	4.887
GRAND TOTALS	917	359	1896	3172	91.961	5.228	226.055	323.244

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***BROWNS FERRY 1,2,3**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	71	10	91	172	0.951	0.299	0.761	2.011
OPERATIONS PERSONNEL	115	1	26	142	28.082	0.269	6.886	35.237
HEALTH PHYSICS PERSONNEL	36	8	18	62	14.606	1.372	4.215	20.193
SUPERVISORY PERSONNEL	42	5	6	53	5.039	0.108	0.234	5.381
ENGINEERING PERSONNEL	48	5	18	71	3.275	0.042	0.300	3.617
TOTAL	312	29	159	500	51.953	2.090	12.396	66.439
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	215	22	572	809	90.410	8.944	207.073	306.427
OPERATIONS PERSONNEL	135	2	54	191	27.266	0.286	10.631	38.183
HEALTH PHYSICS PERSONNEL	39	9	14	62	8.156	1.091	1.392	10.639
SUPERVISORY PERSONNEL	54	6	24	84	8.726	1.497	4.317	14.540
ENGINEERING PERSONNEL	52	10	84	146	12.078	1.445	58.831	72.354
TOTAL	495	49	748	1292	146.636	13.263	282.244	442.143
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	6	0	87	93	0.033	0.000	2.237	2.270
OPERATIONS PERSONNEL	2	0	0	2	0.189	0.000	0.000	0.189
HEALTH PHYSICS PERSONNEL	7	1	0	8	0.033	0.090	0.000	0.123
SUPERVISORY PERSONNEL	2	2	0	4	0.016	0.095	0.000	0.111
ENGINEERING PERSONNEL	8	2	6	16	0.090	0.128	0.151	0.369
TOTAL	25	5	93	123	0.361	0.313	2.388	3.062
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	32	3	131	166	0.938	0.057	8.227	9.222
OPERATIONS PERSONNEL	17	1	10	28	0.041	0.007	1.437	1.485
HEALTH PHYSICS PERSONNEL	18	5	2	25	1.119	0.470	0.492	2.081
SUPERVISORY PERSONNEL	11	1	5	17	0.468	0.296	0.123	0.887
ENGINEERING PERSONNEL	4	2	4	10	0.076	0.393	0.802	1.271
TOTAL	82	12	152	246	2.642	1.223	11.081	14.946
WASTE PROCESSING								
MAINTENANCE PERSONNEL	39	4	87	130	0.591	0.007	2.664	3.262
OPERATIONS PERSONNEL	28	0	31	59	5.319	0.000	2.209	7.528
HEALTH PHYSICS PERSONNEL	27	3	4	34	1.035	0.008	0.014	1.057
SUPERVISORY PERSONNEL	11	1	2	14	0.961	0.001	0.000	0.962
ENGINEERING PERSONNEL	0	1	0	1	0.000	0.001	0.000	0.001
TOTAL	105	9	124	238	7.906	0.017	4.887	12.810
REFUELING								
MAINTENANCE PERSONNEL	46	4	147	197	1.596	0.034	24.398	26.028
OPERATIONS PERSONNEL	19	1	31	51	3.140	0.520	1.362	5.022
HEALTH PHYSICS PERSONNEL	9	3	3	15	1.329	0.505	0.178	2.012
SUPERVISORY PERSONNEL	11	1	6	18	0.351	0.235	0.631	1.217
ENGINEERING PERSONNEL	15	2	35	52	0.495	0.062	3.320	3.877
TOTAL	100	11	222	333	6.911	1.356	29.889	38.156
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	409	43	1115	1567	94.519	9.341	245.360	349.220
OPERATIONS PERSONNEL	316	5	152	473	64.037	1.082	22.525	87.644
HEALTH PHYSICS PERSONNEL	136	29	41	206	26.278	3.536	6.291	36.105
SUPERVISORY PERSONNEL	131	16	43	190	15.561	2.232	5.305	23.098
ENGINEERING PERSONNEL	127	22	147	296	16.014	2.071	63.404	81.489
GRAND TOTALS	1119	115	1498	2732	216.409	18.262	342.885	577.556

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***BRUNSWICK 1,2**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	7	0	2	9	1.077	0.000	0.974	2.051
OPERATIONS PERSONNEL	65	0	42	107	17.680	0.000	7.340	25.020
HEALTH PHYSICS PERSONNEL	65	0	15	80	22.548	0.000	5.242	27.790
SUPERVISORY PERSONNEL	5	0	0	5	0.981	0.000	0.000	0.981
ENGINEERING PERSONNEL	<u>10</u>	<u>0</u>	<u>2</u>	<u>12</u>	<u>1.759</u>	<u>0.000</u>	<u>0.271</u>	<u>2.030</u>
TOTAL	152	0	61	213	44.045	0.000	13.827	57.872
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	161	9	235	405	56.658	1.477	78.124	136.259
OPERATIONS PERSONNEL	3	0	0	3	0.908	0.000	0.000	0.908
HEALTH PHYSICS PERSONNEL	14	1	10	25	3.430	0.149	3.662	7.241
SUPERVISORY PERSONNEL	7	0	1	8	1.398	0.000	1.119	2.517
ENGINEERING PERSONNEL	<u>26</u>	<u>0</u>	<u>92</u>	<u>118</u>	<u>7.092</u>	<u>0.000</u>	<u>40.528</u>	<u>47.620</u>
TOTAL	211	10	338	559	69.486	1.626	123.433	194.545
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	4	0	4	8	0.814	0.000	0.580	1.394
OPERATIONS PERSONNEL	3	0	0	3	0.836	0.000	0.000	0.836
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	<u>4</u>	<u>0</u>	<u>7</u>	<u>11</u>	<u>0.512</u>	<u>0.000</u>	<u>2.283</u>	<u>2.795</u>
TOTAL	11	0	11	22	2.162	0.000	2.863	5.025
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	28	0	16	44	6.009	0.000	3.860	9.869
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	11	0	9	20	2.085	0.000	1.692	3.777
SUPERVISORY PERSONNEL	1	0	0	1	0.141	0.000	0.000	0.141
ENGINEERING PERSONNEL	<u>2</u>	<u>0</u>	<u>7</u>	<u>9</u>	<u>0.275</u>	<u>0.000</u>	<u>1.016</u>	<u>1.291</u>
TOTAL	42	0	32	74	8.510	0.000	6.568	15.078
WASTE PROCESSING								
MAINTENANCE PERSONNEL	5	0	0	5	0.775	0.000	0.000	0.775
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>
TOTAL	5	0	0	5	0.775	0.000	0.000	0.775
REFUELING								
MAINTENANCE PERSONNEL	32	1	21	54	10.345	0.273	5.181	15.799
OPERATIONS PERSONNEL	1	0	0	1	0.149	0.000	0.000	0.149
HEALTH PHYSICS PERSONNEL	0	0	3	3	0.000	0.000	0.424	0.424
SUPERVISORY PERSONNEL	6	0	0	6	1.933	0.000	0.000	1.933
ENGINEERING PERSONNEL	<u>7</u>	<u>0</u>	<u>8</u>	<u>15</u>	<u>1.979</u>	<u>0.000</u>	<u>1.504</u>	<u>3.483</u>
TOTAL	46	1	32	79	14.406	0.273	7.109	21.788
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	237	10	278	525	75.678	1.750	88.719	166.147
OPERATIONS PERSONNEL	72	0	42	114	19.573	0.000	7.340	26.913
HEALTH PHYSICS PERSONNEL	90	1	37	128	28.063	0.149	11.020	39.232
SUPERVISORY PERSONNEL	19	0	1	20	4.453	0.000	1.119	5.572
ENGINEERING PERSONNEL	49	0	116	165	11.617	0.000	45.602	57.219
GRAND TOTALS	467	11	474	952	139.384	1.899	153.800	295.083

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***BYRON 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	4	0	3	7	0.565	0.000	0.330	0.895
OPERATIONS PERSONNEL	8	0	7	15	0.260	0.000	0.103	0.363
HEALTH PHYSICS PERSONNEL	4	10	0	14	0.417	0.027	0.038	0.482
SUPERVISORY PERSONNEL	2	1	2	5	0.053	0.027	0.098	0.178
ENGINEERING PERSONNEL	<u>78</u>	<u>0</u>	<u>7</u>	<u>85</u>	<u>1.453</u>	<u>0.000</u>	<u>0.128</u>	<u>1.581</u>
TOTAL	96	11	19	126	2.748	0.054	0.697	3.499
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	173	27	153	353	26.459	0.450	16.114	43.023
OPERATIONS PERSONNEL	205	108	21	334	6.694	1.623	0.309	8.626
HEALTH PHYSICS PERSONNEL	73	57	138	268	8.384	0.160	16.303	24.847
SUPERVISORY PERSONNEL	233	10	24	267	5.381	0.271	1.242	6.894
ENGINEERING PERSONNEL	<u>80</u>	<u>0</u>	<u>20</u>	<u>100</u>	<u>1.490</u>	<u>0.000</u>	<u>0.380</u>	<u>1.870</u>
TOTAL	764	202	356	1322	48.408	2.504	34.348	85.260
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	112	112	0.005	0.000	11.757	11.762
OPERATIONS PERSONNEL	10	3	0	13	0.321	0.050	0.000	0.371
HEALTH PHYSICS PERSONNEL	1	1	1	3	0.150	0.004	0.060	0.214
SUPERVISORY PERSONNEL	10	0	0	10	0.232	0.000	0.002	0.234
ENGINEERING PERSONNEL	<u>24</u>	<u>0</u>	<u>9</u>	<u>33</u>	<u>0.437</u>	<u>0.000</u>	<u>0.198</u>	<u>0.635</u>
TOTAL	45	4	122	171	1.145	0.054	12.017	13.216
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	5	0	1166	1171	0.806	0.001	122.684	123.491
OPERATIONS PERSONNEL	7	17	77	101	0.219	0.261	1.157	1.637
HEALTH PHYSICS PERSONNEL	2	6	1	9	0.230	0.016	0.110	0.356
SUPERVISORY PERSONNEL	14	2	225	241	0.320	0.043	11.453	11.816
ENGINEERING PERSONNEL	<u>11</u>	<u>0</u>	<u>13</u>	<u>24</u>	<u>0.209</u>	<u>0.000</u>	<u>0.247</u>	<u>0.456</u>
TOTAL	39	25	1482	1546	1.784	0.321	135.651	137.756
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	7	7	0.000	0.000	0.711	0.711
OPERATIONS PERSONNEL	0	0	94	94	0.000	0.000	1.398	1.398
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.001	0.001
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>
TOTAL	0	0	101	101	0.000	0.000	2.110	2.110
REFUELING								
MAINTENANCE PERSONNEL	2	0	5	7	0.293	0.000	0.523	0.816
OPERATIONS PERSONNEL	4	5	0	9	0.139	0.077	0.000	0.216
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	9	0	0	9	0.215	0.000	0.002	0.217
ENGINEERING PERSONNEL	<u>2</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>0.029</u>	<u>0.000</u>	<u>0.001</u>	<u>0.030</u>
TOTAL	17	5	5	27	0.676	0.077	0.526	1.279
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	184	27	1446	1657	28.128	0.451	152.119	180.698
OPERATIONS PERSONNEL	234	133	199	566	7.633	2.011	2.967	12.611
HEALTH PHYSICS PERSONNEL	80	74	140	294	9.181	0.207	16.511	25.899
SUPERVISORY PERSONNEL	268	13	251	532	6.201	0.341	12.798	19.340
ENGINEERING PERSONNEL	195	0	49	244	3.618	0.000	0.954	4.572
GRAND TOTALS	961	247	2085	3293	54.761	3.010	185.349	243.120

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: *CALLAWAY 1

TYPE: PWR

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	0	0	0.150	0.000	0.012	0.162
OPERATIONS PERSONNEL	2	0	0	2	1.828	0.000	0.011	1.839
HEALTH PHYSICS PERSONNEL	22	0	0	22	4.703	0.000	0.000	4.703
SUPERVISORY PERSONNEL	0	0	0	0	0.255	0.000	0.051	0.306
ENGINEERING PERSONNEL	0	0	0	0	0.249	0.000	0.012	0.261
TOTAL	24	0	0	24	7.185	0.000	0.086	7.271
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	7	0	0	7	2.753	0.000	0.004	2.757
OPERATIONS PERSONNEL	0	0	0	0	0.199	0.000	0.000	0.199
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.412	0.000	0.000	0.412
SUPERVISORY PERSONNEL	0	0	0	0	0.016	0.000	0.006	0.022
ENGINEERING PERSONNEL	0	0	0	0	0.100	0.000	0.015	0.115
TOTAL	7	0	0	7	3.480	0.000	0.025	3.505
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.002	0.000	0.000	0.002
ENGINEERING PERSONNEL	0	0	0	0	0.001	0.000	0.000	0.001
TOTAL	0	0	0	0	0.003	0.000	0.000	0.003
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.039	0.000	0.077	0.116
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.006	0.000	0.000	0.006
TOTAL	0	0	0	0	0.045	0.000	0.077	0.122
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.002	0.000	0.000	0.002
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	6	0	0	6	1.399	0.000	0.000	1.399
SUPERVISORY PERSONNEL	0	0	0	0	0.023	0.000	0.000	0.023
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	6	0	0	6	1.424	0.000	0.000	1.424
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	7	0	0	7	2.944	0.000	0.093	3.037
OPERATIONS PERSONNEL	2	0	0	2	2.027	0.000	0.011	2.038
HEALTH PHYSICS PERSONNEL	28	0	0	28	6.514	0.000	0.000	6.514
SUPERVISORY PERSONNEL	0	0	0	0	0.296	0.000	0.057	0.353
ENGINEERING PERSONNEL	0	0	0	0	0.356	0.000	0.027	0.383
GRAND TOTALS	37	0	0	37	12.137	0.000	0.188	12.325

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***CALVERT CLIFFS 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM				
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL	
REACTOR OPS & SURV									
MAINTENANCE PERSONNEL	1	0	1	2	0.101	0.000	0.153	0.254	
OPERATIONS PERSONNEL	31	0	0	31	4.664	0.000	0.000	4.664	
HEALTH PHYSICS PERSONNEL	16	0	15	31	2.251	0.000	2.854	5.105	
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
TOTAL	48	0	16	64	7.016	0.000	3.007	10.023	
ROUTINE MAINTENANCE									
MAINTENANCE PERSONNEL	6	0	0	6	0.756	0.000	0.000	0.756	
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
TOTAL	6	0	0	6	0.756	0.000	0.000	0.756	
IN-SERVICE INSPECTION									
MAINTENANCE PERSONNEL	2	0	5	7	0.213	0.000	0.956	1.169	
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
ENGINEERING PERSONNEL	0	0	1	1	0.000	0.000	0.116	0.116	
TOTAL	2	0	6	8	0.213	0.000	1.072	1.285	
SPECIAL MAINTENANCE									
MAINTENANCE PERSONNEL	59	27	169	255	16.863	16.350	49.876	83.089	
OPERATIONS PERSONNEL	5	0	3	8	0.977	0.000	0.804	1.781	
HEALTH PHYSICS PERSONNEL	29	0	65	94	6.980	0.000	16.657	23.637	
SUPERVISORY PERSONNEL	0	0	2	2	0.000	0.000	0.818	0.818	
ENGINEERING PERSONNEL	3	0	9	12	0.493	0.000	2.953	3.446	
TOTAL	96	27	248	371	25.313	16.350	71.108	112.771	
WASTE PROCESSING									
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
HEALTH PHYSICS PERSONNEL	7	0	2	9	1.236	0.000	0.273	1.509	
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
TOTAL	7	0	2	9	1.236	0.000	0.273	1.509	
REFUELING									
MAINTENANCE PERSONNEL	22	0	76	98	4.401	0.000	27.412	31.813	
OPERATIONS PERSONNEL	4	0	1	5	0.513	0.000	0.422	0.935	
HEALTH PHYSICS PERSONNEL	13	0	40	53	4.121	0.000	11.237	15.358	
SUPERVISORY PERSONNEL	0	0	3	3	0.000	0.000	1.671	1.671	
ENGINEERING PERSONNEL	0	0	2	2	0.000	0.000	0.676	0.676	
TOTAL	39	0	122	161	9.035	0.000	41.418	50.453	
TOTAL BY JOB FUNCTION									
MAINTENANCE PERSONNEL	90	(97)	27 (27)	251 (238)	368 (362)	22.334	16.350	78.397	117.081
OPERATIONS PERSONNEL	40	(41)	0 (0)	4 (4)	44 (45)	6.154	0.000	1.226	7.380
HEALTH PHYSICS PERSONNEL	65	(44)	0 (0)	122 (103)	187 (147)	14.588	0.000	31.021	45.609
SUPERVISORY PERSONNEL	0	(1)	0 (0)	5 (5)	5 (6)	0.000	0.000	2.489	2.489
ENGINEERING PERSONNEL	3	(8)	0 (0)	12 (12)	15 (20)	0.493	0.000	3.745	4.238
GRAND TOTALS	198	(191)	27 (27)	394 (362)	619 (580)	43.569	16.350	116.878	176.797

*Workers may be counted in more than one category. Numbers in parentheses are total numbers of individuals.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***CATAWBA 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	119	235	263	617	3.921	3.131	3.855	10.907
OPERATIONS PERSONNEL	80	0	28	108	16.671	0.000	0.912	17.583
HEALTH PHYSICS PERSONNEL	19	0	65	84	3.000	0.000	4.343	7.343
SUPERVISORY PERSONNEL	6	1	2	9	0.064	0.000	0.000	0.064
ENGINEERING PERSONNEL	5	0	5	10	0.126	0.000	0.006	0.132
TOTAL	229	236	363	828	23.782	3.131	9.116	36.029
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	119	174	228	521	20.899	15.606	26.535	63.040
OPERATIONS PERSONNEL	63	0	28	91	0.738	0.000	3.352	4.090
HEALTH PHYSICS PERSONNEL	18	0	54	72	2.245	0.000	1.656	3.901
SUPERVISORY PERSONNEL	3	1	2	6	0.298	0.000	0.007	0.305
ENGINEERING PERSONNEL	5	0	2	7	0.512	0.000	0.207	0.719
TOTAL	208	175	314	697	24.692	15.606	31.757	72.055
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	92	235	263	590	5.556	34.178	17.247	56.981
OPERATIONS PERSONNEL	55	0	28	83	2.134	0.000	0.309	2.443
HEALTH PHYSICS PERSONNEL	19	0	65	84	1.348	0.000	4.200	5.548
SUPERVISORY PERSONNEL	6	1	2	9	0.000	0.168	0.009	0.177
ENGINEERING PERSONNEL	5	0	5	10	0.000	0.000	0.040	0.040
TOTAL	177	236	363	776	9.038	34.346	21.805	65.189
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	111	206	230	547	5.465	25.292	13.140	43.897
OPERATIONS PERSONNEL	76	0	28	104	0.560	0.000	2.160	2.720
HEALTH PHYSICS PERSONNEL	14	0	55	69	0.333	0.000	3.219	3.552
SUPERVISORY PERSONNEL	5	1	2	8	0.552	0.230	0.318	1.100
ENGINEERING PERSONNEL	5	0	4	9	0.285	0.000	0.729	1.014
TOTAL	211	207	319	737	7.195	25.522	19.566	52.283
WASTE PROCESSING								
MAINTENANCE PERSONNEL	9	9	7	25	0.001	0.000	0.001	0.002
OPERATIONS PERSONNEL	2	0	21	23	0.136	0.000	0.397	0.533
HEALTH PHYSICS PERSONNEL	13	0	19	32	1.092	0.000	1.191	2.283
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	24	9	47	80	1.229	0.000	1.589	2.818
REFUELING								
MAINTENANCE PERSONNEL	63	102	92	257	1.920	5.465	4.107	11.492
OPERATIONS PERSONNEL	23	0	8	31	0.214	0.000	0.062	0.276
HEALTH PHYSICS PERSONNEL	5	0	24	29	0.056	0.000	0.461	0.517
SUPERVISORY PERSONNEL	2	0	0	2	0.038	0.000	0.000	0.038
ENGINEERING PERSONNEL	1	0	5	6	0.028	0.000	0.248	0.276
TOTAL	94	102	129	325	2.256	5.465	4.878	12.599
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	513	(119)961	(235) 1083	(266) 2557	(620) 37.762	83.672	64.885	186.319
OPERATIONS PERSONNEL	299	(80) 0	(0) 141	(28) 440	(108) 20.453	0.000	7.192	27.645
HEALTH PHYSICS PERSONNEL	88	(19) 0	(0) 282	(66) 370	(85) 8.074	0.000	15.070	23.144
SUPERVISORY PERSONNEL	22	(6) 4	(1) 8	(2) 34	(9) 0.952	0.398	0.334	1.684
ENGINEERING PERSONNEL	21	(5) 0	(0) 21	(5) 42	(10) 0.951	0.000	1.230	2.181
GRAND TOTALS	943	(229)965	(236) 1535	(367) 3443	(832) 68.192	84.070	88.711	240.973

*Workers may be counted in more than one category. Numbers in parentheses are total numbers of individuals.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***CLINTON**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	119	0	154	273	7.193	0.000	11.343	18.536
OPERATIONS PERSONNEL	47	0	3	50	7.620	0.000	0.407	8.027
HEALTH PHYSICS PERSONNEL	35	0	7	42	5.794	0.000	1.224	7.018
SUPERVISORY PERSONNEL	8	0	1	9	1.022	0.000	0.000	1.022
ENGINEERING PERSONNEL	11	0	3	14	0.689	0.000	0.101	0.790
TOTAL	220	0	168	388	22.318	0.000	13.075	35.393
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	117	0	146	263	40.513	0.000	46.804	87.317
OPERATIONS PERSONNEL	47	0	0	47	6.300	0.000	0.000	6.300
HEALTH PHYSICS PERSONNEL	33	0	7	40	7.328	0.000	1.004	8.332
SUPERVISORY PERSONNEL	8	0	1	9	3.380	0.000	0.176	3.556
ENGINEERING PERSONNEL	10	0	3	13	1.584	0.000	0.461	2.045
TOTAL	215	0	157	372	59.105	0.000	48.445	107.550
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	15	0	7	22	0.120	0.000	0.138	0.258
OPERATIONS PERSONNEL	10	0	0	10	0.113	0.000	0.000	0.113
HEALTH PHYSICS PERSONNEL	12	0	1	13	0.196	0.000	0.030	0.226
SUPERVISORY PERSONNEL	1	0	0	1	0.024	0.000	0.000	0.024
ENGINEERING PERSONNEL	3	0	0	3	0.138	0.000	0.000	0.138
TOTAL	41	0	8	49	0.591	0.000	0.168	0.759
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	43	0	1	44	3.400	0.000	0.062	3.462
OPERATIONS PERSONNEL	3	0	0	3	0.037	0.000	0.000	0.037
HEALTH PHYSICS PERSONNEL	15	0	0	15	0.253	0.000	0.000	0.253
SUPERVISORY PERSONNEL	5	0	0	5	0.236	0.000	0.000	0.236
ENGINEERING PERSONNEL	2	0	0	2	0.033	0.000	0.000	0.033
TOTAL	68	0	1	69	3.959	0.000	0.062	4.021
WASTE PROCESSING								
MAINTENANCE PERSONNEL	35	0	36	71	0.651	0.000	0.606	1.257
OPERATIONS PERSONNEL	22	0	1	23	0.103	0.000	0.000	0.103
HEALTH PHYSICS PERSONNEL	30	0	6	36	0.334	0.000	0.063	0.397
SUPERVISORY PERSONNEL	6	0	0	6	0.061	0.000	0.000	0.061
ENGINEERING PERSONNEL	1	0	0	1	0.002	0.000	0.000	0.002
TOTAL	94	0	43	137	1.151	0.000	0.669	1.820
REFUELING								
MAINTENANCE PERSONNEL	31	0	50	81	1.966	0.000	6.807	8.773
OPERATIONS PERSONNEL	1	0	0	1	0.001	0.000	0.000	0.001
HEALTH PHYSICS PERSONNEL	14	0	1	15	0.958	0.000	0.145	1.103
SUPERVISORY PERSONNEL	5	0	0	5	0.060	0.000	0.000	0.060
ENGINEERING PERSONNEL	2	0	0	2	0.008	0.000	0.000	0.008
TOTAL	53	0	51	104	2.993	0.000	6.952	9.945
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	360	0	394	754	53.843	0.000	65.760	119.603
OPERATIONS PERSONNEL	130	0	4	134	14.174	0.000	0.407	14.581
HEALTH PHYSICS PERSONNEL	139	0	22	161	14.863	0.000	2.466	17.329
SUPERVISORY PERSONNEL	33	0	2	35	4.783	0.000	0.176	4.959
ENGINEERING PERSONNEL	29	0	6	35	2.454	0.000	0.562	3.016
GRAND TOTALS	691	0	428	1119	90.117	0.000	69.371	159.488

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***COMANCHE PEAK 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM							
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL				
REACTOR OPS & SURV												
MAINTENANCE PERSONNEL	0	0	8	8	0.061	0.000	2.656	2.717				
OPERATIONS PERSONNEL	11	0	0	11	4.279	0.000	0.149	4.428				
HEALTH PHYSICS PERSONNEL	9	1	31	41	2.758	0.144	8.010	10.912				
SUPERVISORY PERSONNEL	0	0	0	0	0.096	0.000	0.000	0.096				
ENGINEERING PERSONNEL	1	0	0	1	0.422	0.000	0.122	0.544				
TOTAL	21	1	39	61	7.616	0.144	10.937	18.697				
ROUTINE MAINTENANCE												
MAINTENANCE PERSONNEL	11	0	148	159	5.179	0.000	44.734	49.913				
OPERATIONS PERSONNEL	3	0	1	4	1.460	0.000	0.448	1.908				
HEALTH PHYSICS PERSONNEL	5	0	3	8	1.459	0.050	1.715	3.224				
SUPERVISORY PERSONNEL	0	0	0	0	0.052	0.000	0.080	0.132				
ENGINEERING PERSONNEL	0	0	0	0	0.512	0.000	0.378	0.890				
TOTAL	19	0	152	171	8.662	0.050	47.355	56.067				
IN-SERVICE INSPECTION												
MAINTENANCE PERSONNEL	0	0	67	67	0.088	0.000	24.679	24.767				
OPERATIONS PERSONNEL	2	0	0	2	0.466	0.000	0.000	0.466				
HEALTH PHYSICS PERSONNEL	2	0	15	17	0.684	0.000	4.302	4.986				
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
ENGINEERING PERSONNEL	0	0	4	4	0.129	0.000	1.063	1.192				
TOTAL	4	0	86	90	1.367	0.000	30.044	31.411				
SPECIAL MAINTENANCE												
MAINTENANCE PERSONNEL	0	0	31	31	0.017	0.000	9.103	9.120				
OPERATIONS PERSONNEL	0	0	2	2	0.030	0.000	0.619	0.649				
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.018	0.000	0.056	0.074				
SUPERVISORY PERSONNEL	0	0	0	0	0.018	0.000	0.000	0.018				
ENGINEERING PERSONNEL	0	0	0	0	0.135	0.000	0.239	0.374				
TOTAL	0	0	33	33	0.218	0.000	10.017	10.235				
WASTE PROCESSING												
MAINTENANCE PERSONNEL	0	0	3	3	0.045	0.000	1.098	1.143				
OPERATIONS PERSONNEL	0	0	1	1	0.401	0.000	0.234	0.635				
HEALTH PHYSICS PERSONNEL	1	0	0	1	0.502	0.070	0.180	0.752				
SUPERVISORY PERSONNEL	0	0	0	0	0.007	0.000	0.000	0.007				
ENGINEERING PERSONNEL	0	0	0	0	0.026	0.000	0.041	0.067				
TOTAL	1	0	4	5	0.981	0.070	1.553	2.604				
REFUELING												
MAINTENANCE PERSONNEL	0	0	50	50	0.161	0.000	21.481	21.642				
OPERATIONS PERSONNEL	5	0	0	5	1.271	0.000	0.059	1.330				
HEALTH PHYSICS PERSONNEL	5	0	7	12	1.145	0.000	2.220	3.365				
SUPERVISORY PERSONNEL	0	0	0	0	0.006	0.000	0.005	0.011				
ENGINEERING PERSONNEL	0	0	1	1	0.191	0.000	0.240	0.431				
TOTAL	10	0	58	68	2.774	0.000	24.005	26.779				
TOTAL BY JOB FUNCTION												
MAINTENANCE PERSONNEL	11	(14)	0	(0)	307	(293)	318	(307)	5.551	0.000	103.751	109.302
OPERATIONS PERSONNEL	21	(23)	0	(0)	4	(5)	25	(28)	7.907	0.000	1.509	9.416
HEALTH PHYSICS PERSONNEL	22	(23)	1	(1)	56	(56)	79	(80)	6.566	0.264	16.483	23.313
SUPERVISORY PERSONNEL	0	(0)	0	(0)	0	(0)	0	(0)	0.179	0.000	0.085	0.264
ENGINEERING PERSONNEL	1	(2)	0	(0)	5	(9)	6	(11)	1.415	0.000	2.083	3.498
GRAND TOTALS	55	(62)	1	(1)	372	(363)	428	(426)	21.618	0.264	123.911	145.793

*Workers may be counted in more than one category. Numbers in parentheses are total numbers of individuals.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***COOK 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM							
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL				
REACTOR OPS & SURV												
MAINTENANCE PERSONNEL	2	0	79	81	3.076	0.054	25.007	28.137				
OPERATIONS PERSONNEL	39	0	2	41	11.179	0.158	1.921	13.258				
HEALTH PHYSICS PERSONNEL	33	0	19	52	9.188	0.013	7.464	16.665				
SUPERVISORY PERSONNEL	1	0	0	1	0.552	0.002	0.298	0.852				
ENGINEERING PERSONNEL	3	0	0	3	1.432	0.225	1.267	2.924				
TOTAL	78	0	100	178	25.427	0.452	35.957	61.836				
ROUTINE MAINTENANCE												
MAINTENANCE PERSONNEL	94	2	570	666	28.841	0.243	303.264	332.348				
OPERATIONS PERSONNEL	20	1	28	49	6.557	0.124	14.166	20.847				
HEALTH PHYSICS PERSONNEL	38	0	65	103	18.206	0.005	26.659	44.870				
SUPERVISORY PERSONNEL	2	0	1	3	0.789	0.007	0.472	1.268				
ENGINEERING PERSONNEL	13	1	10	24	3.957	0.431	5.497	9.885				
TOTAL	167	4	674	845	58.350	0.810	350.058	409.218				
IN-SERVICE INSPECTION												
MAINTENANCE PERSONNEL	0	0	24	24	0.390	0.000	12.140	12.530				
OPERATIONS PERSONNEL	6	0	3	9	2.683	0.000	1.751	4.434				
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.032	0.000	0.095	0.127				
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.003	0.003				
ENGINEERING PERSONNEL	0	0	1	1	0.049	0.001	0.262	0.312				
TOTAL	6	0	28	34	3.154	0.001	14.251	17.406				
SPECIAL MAINTENANCE												
MAINTENANCE PERSONNEL	5	0	146	151	2.516	0.000	70.111	72.627				
OPERATIONS PERSONNEL	5	0	2	7	2.107	0.002	0.489	2.598				
HEALTH PHYSICS PERSONNEL	2	0	0	2	0.526	0.000	0.022	0.548				
SUPERVISORY PERSONNEL	0	0	0	0	0.006	0.000	0.002	0.008				
ENGINEERING PERSONNEL	0	0	0	0	0.159	0.052	0.050	0.261				
TOTAL	12	0	148	160	5.314	0.054	70.674	76.042				
WASTE PROCESSING												
MAINTENANCE PERSONNEL	0	0	0	0	0.006	0.000	0.025	0.031				
OPERATIONS PERSONNEL	0	0	0	0	0.007	0.000	0.000	0.007				
HEALTH PHYSICS PERSONNEL	0	0	2	2	0.238	0.000	0.359	0.597				
SUPERVISORY PERSONNEL	0	0	0	0	0.004	0.000	0.000	0.004				
ENGINEERING PERSONNEL	0	0	0	0	0.001	0.000	0.000	0.001				
TOTAL	0	0	2	2	0.256	0.000	0.384	0.640				
REFUELING												
MAINTENANCE PERSONNEL	3	0	22	25	2.479	0.000	8.175	10.654				
OPERATIONS PERSONNEL	8	0	38	46	3.506	0.033	13.032	16.571				
HEALTH PHYSICS PERSONNEL	7	0	6	13	1.867	0.000	1.513	3.380				
SUPERVISORY PERSONNEL	0	0	0	0	0.013	0.000	0.001	0.014				
ENGINEERING PERSONNEL	1	0	1	2	0.674	0.006	0.249	0.929				
TOTAL	19	0	67	86	8.539	0.039	22.970	31.548				
TOTAL BY JOB FUNCTION												
MAINTENANCE PERSONNEL	104	(108)	2	(2)	841	(703)	947	(813)	37.308	0.297	418.722	456.327
OPERATIONS PERSONNEL	78	(65)	1	(1)	73	(72)	152	(138)	26.039	0.317	31.359	57.715
HEALTH PHYSICS PERSONNEL	80	(45)	0	(0)	92	(90)	172	(135)	30.057	0.018	36.112	66.187
SUPERVISORY PERSONNEL	3	(3)	0	(0)	1	(2)	4	(5)	1.364	0.009	0.776	2.149
ENGINEERING PERSONNEL	17	(18)	1	(1)	12	(16)	30	(35)	6.272	0.715	7.325	14.312
GRAND TOTALS	282	(239)	4	(4)	1019	(883)	1305	(1126)	101.040	1.356	494.294	596.690

*Workers may be counted in more than one category. Numbers in parentheses are total numbers of individuals.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: *COOPER STATION

TYPE: BWR

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	80	5	75	160	0.713	0.005	0.204	0.922
OPERATIONS PERSONNEL	88	0	1	89	9.441	0.000	0.006	9.447
HEALTH PHYSICS PERSONNEL	61	2	68	131	6.649	0.010	2.483	9.142
SUPERVISORY PERSONNEL	181	8	55	244	1.665	0.021	0.153	1.839
ENGINEERING PERSONNEL	130	6	134	270	1.760	0.098	0.713	2.571
TOTAL	540	21	333	894	20.228	0.134	3.559	23.921
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	144	5	419	568	35.015	0.053	47.047	82.115
OPERATIONS PERSONNEL	64	0	0	64	5.975	0.000	0.000	5.975
HEALTH PHYSICS PERSONNEL	42	1	76	119	6.189	0.001	9.266	15.456
SUPERVISORY PERSONNEL	89	4	14	107	3.658	0.163	0.407	4.228
ENGINEERING PERSONNEL	70	3	208	281	5.530	0.955	17.571	24.056
TOTAL	409	13	717	1139	56.367	1.172	74.291	131.830
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	14	0	113	127	1.637	0.000	11.466	13.103
OPERATIONS PERSONNEL	7	0	0	7	0.026	0.000	0.000	0.026
HEALTH PHYSICS PERSONNEL	6	0	11	17	0.120	0.000	0.155	0.275
SUPERVISORY PERSONNEL	0	0	2	2	0.000	0.000	0.051	0.051
ENGINEERING PERSONNEL	11	0	75	86	0.382	0.000	7.214	7.596
TOTAL	38	0	201	239	2.165	0.000	18.886	21.051
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	51	0	1	52	1.035	0.000	0.048	1.083
OPERATIONS PERSONNEL	10	0	0	10	0.094	0.000	0.000	0.094
HEALTH PHYSICS PERSONNEL	23	1	4	28	0.891	0.001	0.084	0.976
SUPERVISORY PERSONNEL	5	0	2	7	0.195	0.000	0.030	0.225
ENGINEERING PERSONNEL	7	0	1	8	0.017	0.000	0.002	0.019
TOTAL	96	1	8	105	2.232	0.001	0.164	2.397
WASTE PROCESSING								
MAINTENANCE PERSONNEL	1	0	0	1	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	3	0	0	3	0.262	0.000	0.000	0.262
HEALTH PHYSICS PERSONNEL	8	0	2	10	0.199	0.000	0.022	0.221
SUPERVISORY PERSONNEL	1	0	0	1	0.054	0.000	0.000	0.054
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	13	0	2	15	0.515	0.000	0.022	0.537
REFUELING								
MAINTENANCE PERSONNEL	45	0	41	86	0.786	0.000	3.148	3.934
OPERATIONS PERSONNEL	23	0	0	23	0.582	0.000	0.000	0.582
HEALTH PHYSICS PERSONNEL	20	0	32	52	1.114	0.000	1.442	2.556
SUPERVISORY PERSONNEL	15	0	4	19	0.206	0.000	0.077	0.283
ENGINEERING PERSONNEL	16	2	46	64	0.282	0.002	4.137	4.421
TOTAL	119	2	123	244	2.970	0.002	8.804	11.776
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	335	10	649	994	39.186	0.058	61.913	101.157
OPERATIONS PERSONNEL	195	0	1	196	16.380	0.000	0.006	16.386
HEALTH PHYSICS PERSONNEL	160	4	193	357	15.162	0.012	13.452	28.626
SUPERVISORY PERSONNEL	291	12	77	380	5.778	0.184	0.718	6.680
ENGINEERING PERSONNEL	234	11	464	709	7.971	1.055	29.637	38.663
GRAND TOTALS	1215	37	1384	2636	84.477	1.309	105.726	191.512

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***CRYSTAL RIVER 3**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	0	0	0.104	0.000	0.000	0.104
OPERATIONS PERSONNEL	15	0	0	15	3.569	0.000	0.000	3.569
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.012	0.000	0.000	0.012
SUPERVISORY PERSONNEL	0	0	0	0	0.068	0.000	0.000	0.068
ENGINEERING PERSONNEL	1	0	0	1	0.257	0.049	0.000	0.306
TOTAL	16	0	0	16	4.010	0.049	0.000	4.059
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	40	75	50	165	11.328	53.535	20.923	85.786
OPERATIONS PERSONNEL	28	50	64	142	9.735	0.000	25.467	35.202
HEALTH PHYSICS PERSONNEL	22	0	30	52	6.590	0.000	10.914	17.504
SUPERVISORY PERSONNEL	3	8	29	40	0.879	3.166	10.760	14.805
ENGINEERING PERSONNEL	0	2	3	5	0.052	0.570	1.567	2.189
TOTAL	93	135	176	404	28.584	57.271	69.631	155.486
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	13	13	0.171	0.030	4.716	4.917
OPERATIONS PERSONNEL	2	0	24	26	0.300	0.000	9.857	10.157
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.061	0.061
SUPERVISORY PERSONNEL	0	0	4	4	0.009	0.006	1.484	1.499
ENGINEERING PERSONNEL	0	0	1	1	0.008	0.065	0.260	0.333
TOTAL	2	0	42	44	0.488	0.101	16.378	16.967
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	2	2	0.354	0.074	0.274	0.702
OPERATIONS PERSONNEL	1	0	0	1	0.686	0.000	0.090	0.776
HEALTH PHYSICS PERSONNEL	0	0	4	4	0.182	0.000	1.012	1.194
SUPERVISORY PERSONNEL	0	0	0	0	0.097	0.000	0.000	0.097
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	1	0	6	7	1.319	0.074	1.376	2.769
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	40	75	65	180	11.957	53.639	25.913	91.509
OPERATIONS PERSONNEL	46	50	88	184	14.290	0.000	35.414	49.704
HEALTH PHYSICS PERSONNEL	22	0	34	56	6.784	0.000	11.987	18.771
SUPERVISORY PERSONNEL	3	8	33	44	1.053	3.172	12.244	16.469
ENGINEERING PERSONNEL	1	2	4	7	0.317	0.684	1.827	2.828
GRAND TOTALS	112	135	224	471	34.401	57.495	87.385	179.281

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***DAVIS-BESSE**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	0	0	0.014	0.000	0.009	0.023
OPERATIONS PERSONNEL	0	0	0	0	0.515	0.000	0.001	0.516
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.440	0.000	0.000	0.440
SUPERVISORY PERSONNEL	0	0	0	0	0.001	0.000	0.000	0.001
ENGINEERING PERSONNEL	0	0	0	0	0.068	0.000	0.000	0.068
TOTAL	0	0	0	0	1.038	0.000	0.010	1.048
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.554	0.001	0.013	0.568
OPERATIONS PERSONNEL	0	0	0	0	0.003	0.000	0.000	0.003
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.012	0.000	0.000	0.012
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.101	0.000	0.000	0.101
TOTAL	0	0	0	0	0.670	0.001	0.013	0.684
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.006	0.000	0.000	0.006
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.006	0.000	0.000	0.006
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	6	0	3	9	3.721	0.109	1.192	5.022
OPERATIONS PERSONNEL	0	0	0	0	0.726	0.000	0.005	0.731
HEALTH PHYSICS PERSONNEL	2	0	0	2	1.124	0.000	0.000	1.124
SUPERVISORY PERSONNEL	0	0	0	0	0.067	0.000	0.000	0.067
ENGINEERING PERSONNEL	2	0	1	3	1.083	0.000	0.170	1.253
TOTAL	10	0	4	14	6.721	0.109	1.367	8.197
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.044	0.000	0.000	0.044
OPERATIONS PERSONNEL	0	0	0	0	0.012	0.000	0.000	0.012
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.236	0.000	0.000	0.236
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.007	0.000	0.000	0.007
TOTAL	0	0	0	0	0.299	0.000	0.000	0.299
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	6	0	3	9	4.339	0.110	1.214	5.663
OPERATIONS PERSONNEL	0	0	0	0	1.256	0.000	0.006	1.262
HEALTH PHYSICS PERSONNEL	2	0	0	2	1.812	0.000	0.000	1.812
SUPERVISORY PERSONNEL	0	0	0	0	0.068	0.000	0.000	0.068
ENGINEERING PERSONNEL	2	0	1	3	1.259	0.000	0.170	1.429
GRAND TOTALS	10	0	4	14	8.734	0.110	1.390	10.234

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***DIABLO CANYON 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	2	0	0	2	0.002	0.000	0.000	0.002
OPERATIONS PERSONNEL	24	1	0	25	1.095	0.032	0.000	1.127
HEALTH PHYSICS PERSONNEL	34	3	1	38	0.767	0.028	0.001	0.796
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	1	0	0	1	0.004	0.000	0.000	0.004
TOTAL	61	4	1	66	1.868	0.060	0.001	1.929
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	41	12	117	170	1.747	0.639	3.525	5.911
OPERATIONS PERSONNEL	7	3	2	12	0.073	0.258	0.132	0.463
HEALTH PHYSICS PERSONNEL	45	3	36	84	3.733	0.174	1.274	5.181
SUPERVISORY PERSONNEL	1	0	0	1	0.022	0.000	0.000	0.022
ENGINEERING PERSONNEL	5	3	9	17	0.387	0.022	0.143	0.552
TOTAL	99	21	164	284	5.962	1.093	5.074	12.129
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	1	8	24	33	0.008	1.535	2.932	4.475
OPERATIONS PERSONNEL	4	0	2	6	0.685	0.000	0.510	1.195
HEALTH PHYSICS PERSONNEL	2	0	3	5	0.101	0.000	0.281	0.382
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	7	7	0.000	0.000	2.864	2.864
TOTAL	7	8	36	51	0.794	1.535	6.587	8.916
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	38	11	198	247	4.967	0.380	43.844	49.191
OPERATIONS PERSONNEL	8	2	2	12	1.592	1.893	0.059	3.544
HEALTH PHYSICS PERSONNEL	28	4	58	90	3.328	0.231	18.720	22.279
SUPERVISORY PERSONNEL	2	0	0	2	1.533	0.000	0.000	1.533
ENGINEERING PERSONNEL	3	3	11	17	0.197	1.448	0.677	2.322
TOTAL	79	20	269	368	11.617	3.952	63.300	78.869
WASTE PROCESSING								
MAINTENANCE PERSONNEL	14	0	12	26	0.234	0.000	0.657	0.891
OPERATIONS PERSONNEL	13	1	0	14	0.226	0.029	0.000	0.255
HEALTH PHYSICS PERSONNEL	36	2	3	41	5.603	0.009	1.072	6.684
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	1	0	0	1	0.001	0.000	0.000	0.001
TOTAL	64	3	15	82	6.064	0.038	1.729	7.831
REFUELING								
MAINTENANCE PERSONNEL	41	14	239	294	11.217	2.106	48.767	62.090
OPERATIONS PERSONNEL	32	2	3	37	3.674	0.382	0.480	4.536
HEALTH PHYSICS PERSONNEL	39	4	60	103	3.643	0.368	8.340	12.351
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	6	2	13	21	0.716	0.229	1.059	2.004
TOTAL	118	22	315	455	19.250	3.085	58.646	80.981
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	137	45	590	772	18.175	4.660	99.725	122.560
OPERATIONS PERSONNEL	88	9	9	106	7.345	2.594	1.181	11.120
HEALTH PHYSICS PERSONNEL	184	16	161	361	17.175	0.810	29.688	47.673
SUPERVISORY PERSONNEL	3	0	0	3	1.555	0.000	0.000	1.555
ENGINEERING PERSONNEL	16	8	40	64	1.305	1.699	4.743	7.747
GRAND TOTALS	428	78	800	1306	45.555	9.763	135.337	190.655

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***DRESDEN 2,3**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	39	2	87	128	14.537	0.063	8.232	22.832
OPERATIONS PERSONNEL	140	0	75	215	16.083	0.000	3.787	19.870
HEALTH PHYSICS PERSONNEL	85	63	39	187	19.437	0.510	6.463	26.410
SUPERVISORY PERSONNEL	147	0	43	190	5.462	0.000	0.400	5.862
ENGINEERING PERSONNEL	104	0	47	151	4.064	0.000	5.405	9.469
TOTAL	515	65	291	871	59.583	0.573	24.287	84.443
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	146	27	1001	1174	53.738	0.761	94.333	148.832
OPERATIONS PERSONNEL	65	0	4	69	7.536	0.000	0.179	7.715
HEALTH PHYSICS PERSONNEL	43	190	127	360	9.964	1.547	21.007	32.518
SUPERVISORY PERSONNEL	135	0	36	171	4.995	0.000	0.340	5.335
ENGINEERING PERSONNEL	104	0	1225	1329	4.076	0.000	141.361	145.437
TOTAL	493	217	2393	3103	80.309	2.308	257.220	339.837
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	5	5	0.000	0.000	0.444	0.444
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	3	0	3	0.000	0.023	0.000	0.023
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	1	0	6	7	0.037	0.000	0.719	0.756
TOTAL	1	3	11	15	0.037	0.023	1.163	1.223
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	1	2	87	90	0.426	0.041	8.219	8.686
OPERATIONS PERSONNEL	0	0	0	0	0.054	0.000	0.000	0.054
HEALTH PHYSICS PERSONNEL	2	5	9	16	0.467	0.039	1.482	1.988
SUPERVISORY PERSONNEL	1	0	0	1	0.024	0.000	0.000	0.024
ENGINEERING PERSONNEL	0	0	96	96	0.003	0.000	11.119	11.122
TOTAL	4	7	192	203	0.974	0.080	20.820	21.874
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	3	3	0.000	0.000	0.314	0.314
OPERATIONS PERSONNEL	15	0	87	102	1.776	0.000	4.419	6.195
HEALTH PHYSICS PERSONNEL	14	0	1	15	3.192	0.001	0.119	3.312
SUPERVISORY PERSONNEL	19	0	0	19	0.692	0.000	0.000	0.692
ENGINEERING PERSONNEL	0	0	5	5	0.006	0.000	0.533	0.539
TOTAL	48	0	96	144	5.666	0.001	5.385	11.052
REFUELING								
MAINTENANCE PERSONNEL	0	0	18	18	0.008	0.000	1.728	1.736
OPERATIONS PERSONNEL	6	0	0	6	0.580	0.000	0.000	0.580
HEALTH PHYSICS PERSONNEL	1	4	1	6	0.215	0.032	0.089	0.336
SUPERVISORY PERSONNEL	7	0	0	7	0.273	0.000	0.000	0.273
ENGINEERING PERSONNEL	3	0	44	47	0.132	0.000	5.124	5.256
TOTAL	17	4	63	84	1.208	0.032	6.941	8.181
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	186	31	1201	1418	68.709	0.865	113.270	182.844
OPERATIONS PERSONNEL	226	0	166	392	26.029	0.000	8.385	34.414
HEALTH PHYSICS PERSONNEL	145	265	177	587	33.275	2.152	29.160	64.587
SUPERVISORY PERSONNEL	309	0	79	388	11.446	0.000	0.740	12.186
ENGINEERING PERSONNEL	212	0	1423	1635	8.318	0.000	164.261	172.579
GRAND TOTALS	1078	296	3046	4420	147.777	3.017	315.816	466.610

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***DUANE ARNOLD**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	14	0	0	14	2.588	0.000	0.000	2.588
OPERATIONS PERSONNEL	35	0	0	35	9.593	0.000	0.000	9.593
HEALTH PHYSICS PERSONNEL	7	0	0	7	1.718	0.000	0.000	1.718
SUPERVISORY PERSONNEL	3	0	1	4	1.104	0.000	0.136	1.240
ENGINEERING PERSONNEL	1	0	1	2	0.402	0.000	0.194	0.596
TOTAL	60	0	2	62	15.405	0.000	0.330	15.735
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	70	0	9	79	22.787	0.000	4.225	27.012
OPERATIONS PERSONNEL	1	0	0	1	0.206	0.000	0.000	0.206
HEALTH PHYSICS PERSONNEL	5	0	0	5	2.127	0.000	0.000	2.127
SUPERVISORY PERSONNEL	5	0	0	5	1.315	0.000	0.000	1.315
ENGINEERING PERSONNEL	10	0	1	11	2.154	0.000	0.136	2.290
TOTAL	91	0	10	101	28.589	0.000	4.361	32.950
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	3	0	2	5	0.568	0.000	0.322	0.890
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	3	0	2	5	0.568	0.000	0.322	0.890
WASTE PROCESSING								
MAINTENANCE PERSONNEL	1	0	0	1	0.170	0.000	0.000	0.170
OPERATIONS PERSONNEL	7	0	0	7	1.058	0.000	0.000	1.058
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	1	0	0	1	0.128	0.000	0.000	0.128
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	9	0	0	9	1.356	0.000	0.000	1.356
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	88	0	11	99	26.113	0.000	4.547	30.660
OPERATIONS PERSONNEL	43	0	0	43	10.857	0.000	0.000	10.857
HEALTH PHYSICS PERSONNEL	12	0	0	12	3.845	0.000	0.000	3.845
SUPERVISORY PERSONNEL	9	0	1	10	2.547	0.000	0.136	2.683
ENGINEERING PERSONNEL	11	0	2	13	2.556	0.000	0.330	2.886
GRAND TOTALS	163	0	14	177	45.918	0.000	5.013	50.931

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***FARLEY 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	1	0	1	0.068	0.255	0.111	0.434
OPERATIONS PERSONNEL	42	0	0	42	11.029	0.008	0.000	11.037
HEALTH PHYSICS PERSONNEL	25	1	37	63	7.755	0.485	12.143	20.383
SUPERVISORY PERSONNEL	1	0	0	1	0.679	0.092	0.288	1.059
ENGINEERING PERSONNEL	0	0	0	0	0.493	0.052	0.253	0.798
TOTAL	68	2	37	107	20.024	0.892	12.795	33.711
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	10	0	0	10	5.827	0.024	1.620	7.471
OPERATIONS PERSONNEL	0	0	0	0	0.124	0.000	0.000	0.124
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.128	0.000	0.116	0.244
SUPERVISORY PERSONNEL	0	0	0	0	0.058	0.000	0.001	0.059
ENGINEERING PERSONNEL	0	0	0	0	0.060	0.001	0.024	0.085
TOTAL	10	0	0	10	6.197	0.025	1.761	7.983
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	1	40	41	0.000	0.129	30.117	30.246
OPERATIONS PERSONNEL	4	0	1	5	0.966	0.000	0.232	1.198
HEALTH PHYSICS PERSONNEL	0	0	1	1	0.068	0.000	0.233	0.301
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.012	0.022	0.034
ENGINEERING PERSONNEL	3	3	56	62	0.954	0.663	52.073	53.690
TOTAL	7	4	98	109	1.988	0.804	82.677	85.469
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	80	0	205	285	31.336	0.038	77.208	108.582
OPERATIONS PERSONNEL	5	0	8	13	1.648	0.000	1.653	3.301
HEALTH PHYSICS PERSONNEL	39	0	3	42	10.330	0.018	1.674	12.022
SUPERVISORY PERSONNEL	0	0	0	0	0.339	0.039	0.012	0.390
ENGINEERING PERSONNEL	2	0	28	30	0.655	0.011	14.231	14.897
TOTAL	126	0	244	370	44.308	0.106	94.778	139.192
WASTE PROCESSING								
MAINTENANCE PERSONNEL	2	0	3	5	0.297	0.000	1.477	1.774
OPERATIONS PERSONNEL	3	0	0	3	0.592	0.000	0.021	0.613
HEALTH PHYSICS PERSONNEL	27	0	2	29	6.804	0.000	0.644	7.448
SUPERVISORY PERSONNEL	0	0	0	0	0.016	0.000	0.000	0.016
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	32	0	5	37	7.709	0.000	2.142	9.851
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.094	0.000	0.079	0.173
OPERATIONS PERSONNEL	1	0	2	3	0.423	0.000	0.915	1.338
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.072	0.000	0.005	0.077
ENGINEERING PERSONNEL	0	0	0	0	0.008	0.012	0.107	0.127
TOTAL	1	0	2	3	0.597	0.012	1.106	1.715
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	92	2	248	342	37.622	0.446	110.612	148.680
OPERATIONS PERSONNEL	55	0	11	66	14.782	0.008	2.821	17.611
HEALTH PHYSICS PERSONNEL	91	1	43	135	25.085	0.503	14.810	40.398
SUPERVISORY PERSONNEL	1	0	0	1	1.164	0.143	0.328	1.635
ENGINEERING PERSONNEL	5	3	84	92	2.170	0.739	66.688	69.597
GRAND TOTALS	244	6	386	636	80.823	1.839	195.259	277.921

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***FERMI 2**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	134	2	42	178	7.963	0.001	1.417	9.381
OPERATIONS PERSONNEL	72	0	24	96	2.558	0.000	3.413	5.971
HEALTH PHYSICS PERSONNEL	37	0	1	38	4.592	0.000	0.143	4.735
SUPERVISORY PERSONNEL	156	26	214	396	6.345	0.246	2.317	8.908
ENGINEERING PERSONNEL	<u>82</u>	<u>5</u>	<u>2</u>	<u>89</u>	<u>1.203</u>	<u>0.002</u>	<u>0.000</u>	<u>1.205</u>
TOTAL	481	33	283	797	22.661	0.249	7.290	30.200
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	6	0	2	8	1.105	0.000	0.006	1.111
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	1	0	5	6	0.055	0.000	0.012	0.067
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>
TOTAL	7	0	7	14	1.160	0.000	0.018	1.178
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	1	0	0	1	0.273	0.000	0.000	0.273
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>
TOTAL	1	0	0	1	0.273	0.000	0.000	0.273
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	21	3	109	133	2.362	0.002	5.845	8.209
OPERATIONS PERSONNEL	10	1	1	12	0.265	0.000	0.000	0.265
HEALTH PHYSICS PERSONNEL	4	0	2	6	0.183	0.000	0.035	0.218
SUPERVISORY PERSONNEL	22	16	117	155	0.440	0.035	2.957	3.432
ENGINEERING PERSONNEL	<u>16</u>	<u>0</u>	<u>5</u>	<u>21</u>	<u>0.154</u>	<u>0.000</u>	<u>0.209</u>	<u>0.363</u>
TOTAL	73	20	234	327	3.404	0.037	9.046	12.487
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	1	1	0.000	0.000	0.295	0.295
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>
TOTAL	0	0	1	1	0.000	0.000	0.295	0.295
REFUELING								
MAINTENANCE PERSONNEL	2	0	0	2	0.281	0.000	0.000	0.281
OPERATIONS PERSONNEL	2	0	2	4	0.069	0.000	0.045	0.114
HEALTH PHYSICS PERSONNEL	1	0	1	2	0.010	0.000	0.000	0.010
SUPERVISORY PERSONNEL	1	0	31	32	0.000	0.000	1.833	1.833
ENGINEERING PERSONNEL	<u>4</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>0.058</u>	<u>0.000</u>	<u>0.000</u>	<u>0.058</u>
TOTAL	10	0	34	44	0.418	0.000	1.878	2.296
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	163	5	153	321	11.711	0.003	7.268	18.982
OPERATIONS PERSONNEL	84	1	28	113	2.892	0.000	3.753	6.645
HEALTH PHYSICS PERSONNEL	43	0	4	47	5.058	0.000	0.178	5.236
SUPERVISORY PERSONNEL	180	42	367	589	6.840	0.281	7.119	14.240
ENGINEERING PERSONNEL	102	5	7	114	1.415	0.002	0.209	1.626
GRAND TOTALS	572	53	559	1184	27.916	0.286	18.527	46.729

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***FITZPATRICK**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM							
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL				
REACTOR OPS & SURV												
MAINTENANCE PERSONNEL	4	0	1	5	0.232	0.000	0.000	0.232				
OPERATIONS PERSONNEL	47	0	1	48	16.271	0.000	0.001	16.272				
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
SUPERVISORY PERSONNEL	0	0	0	0	0.082	0.000	0.000	0.082				
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.010	0.000	0.010				
TOTAL	51	0	2	53	16.585	0.010	0.001	16.596				
ROUTINE MAINTENANCE												
MAINTENANCE PERSONNEL	89	1	22	112	30.009	0.436	4.672	35.117				
OPERATIONS PERSONNEL	48	0	0	48	4.867	0.059	0.024	4.950				
HEALTH PHYSICS PERSONNEL	46	0	0	46	10.351	0.000	0.206	10.557				
SUPERVISORY PERSONNEL	6	0	1	7	1.875	0.000	0.361	2.236				
ENGINEERING PERSONNEL	5	0	2	7	1.543	0.035	0.885	2.463				
TOTAL	194	1	25	220	48.645	0.530	6.148	55.323				
IN-SERVICE INSPECTION												
MAINTENANCE PERSONNEL	78	0	9	87	2.278	0.000	0.160	2.438				
OPERATIONS PERSONNEL	39	0	0	39	1.797	0.000	0.000	1.797				
HEALTH PHYSICS PERSONNEL	21	0	0	21	0.674	0.000	0.000	0.674				
SUPERVISORY PERSONNEL	5	0	1	6	0.188	0.000	0.035	0.223				
ENGINEERING PERSONNEL	4	0	2	6	1.049	0.011	0.094	1.154				
TOTAL	147	0	12	159	5.986	0.011	0.289	6.286				
SPECIAL MAINTENANCE												
MAINTENANCE PERSONNEL	19	1	22	42	0.574	0.042	2.455	3.071				
OPERATIONS PERSONNEL	8	0	0	8	0.110	0.000	0.000	0.110				
HEALTH PHYSICS PERSONNEL	17	0	0	17	0.211	0.000	0.000	0.211				
SUPERVISORY PERSONNEL	2	0	0	2	0.037	0.000	0.000	0.037				
ENGINEERING PERSONNEL	0	0	3	3	0.000	0.011	0.352	0.363				
TOTAL	46	1	25	72	0.932	0.053	2.807	3.792				
WASTE PROCESSING												
MAINTENANCE PERSONNEL	25	1	0	26	3.130	0.000	0.015	3.145				
OPERATIONS PERSONNEL	10	0	1	11	1.350	0.000	0.289	1.639				
HEALTH PHYSICS PERSONNEL	15	0	0	15	1.093	0.000	0.184	1.277				
SUPERVISORY PERSONNEL	0	0	0	0	0.019	0.000	0.000	0.019				
ENGINEERING PERSONNEL	0	0	0	0	0.002	0.000	0.000	0.002				
TOTAL	50	1	1	52	5.594	0.000	0.488	6.082				
REFUELING												
MAINTENANCE PERSONNEL	1	0	0	1	0.004	0.000	0.018	0.022				
OPERATIONS PERSONNEL	6	0	0	6	0.132	0.000	0.000	0.132				
HEALTH PHYSICS PERSONNEL	8	0	0	8	0.033	0.000	0.000	0.033				
SUPERVISORY PERSONNEL	0	0	0	0	0.008	0.000	0.000	0.008				
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
TOTAL	15	0	0	15	0.177	0.000	0.018	0.195				
TOTAL BY JOB FUNCTION												
MAINTENANCE PERSONNEL	216	(90)	3	(1)	54	(27)	273	(118)	36.227	0.478	7.320	44.025
OPERATIONS PERSONNEL	158	(58)	0	(0)	2	(1)	160	(59)	24.527	0.059	0.314	24.900
HEALTH PHYSICS PERSONNEL	107	(46)	0	(0)	0	(0)	107	(46)	12.362	0.000	0.390	12.752
SUPERVISORY PERSONNEL	13	(6)	0	(0)	2	(1)	15	(7)	2.209	0.000	0.396	2.605
ENGINEERING PERSONNEL	9	(5)	0	(0)	7	(3)	16	(8)	2.594	0.067	1.331	3.992
GRAND TOTALS	503	(205)	3	(1)	65	(32)	571	(238)	77.919	0.604	9.751	88.274

*Workers may be counted in more than one category. Numbers in parentheses are total numbers of individuals.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: *FORT CALHOUN

TYPE: PWR

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	4	0	0	4	0.827	0.000	0.006	0.833
OPERATIONS PERSONNEL	22	0	0	22	4.800	0.000	0.000	4.800
HEALTH PHYSICS PERSONNEL	10	0	0	10	4.304	0.000	0.000	4.304
SUPERVISORY PERSONNEL	2	0	0	2	0.331	0.000	0.000	0.331
ENGINEERING PERSONNEL	1	0	0	1	0.123	0.000	0.000	0.123
TOTAL	39	0	0	39	10.385	0.000	0.006	10.391
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	34	0	9	43	11.168	0.000	2.964	14.132
OPERATIONS PERSONNEL	1	0	0	1	0.317	0.000	0.000	0.317
HEALTH PHYSICS PERSONNEL	10	0	0	10	4.155	0.000	0.000	4.155
SUPERVISORY PERSONNEL	4	0	0	4	1.156	0.000	0.000	1.156
ENGINEERING PERSONNEL	1	0	0	1	0.353	0.000	0.000	0.353
TOTAL	50	0	9	59	17.149	0.000	2.964	20.113
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	2	0	7	9	0.617	0.000	1.947	2.564
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.181	0.000	0.000	0.181
SUPERVISORY PERSONNEL	0	0	0	0	0.061	0.000	0.000	0.061
ENGINEERING PERSONNEL	1	0	0	1	0.081	0.000	0.000	0.081
TOTAL	3	0	7	10	0.940	0.000	1.947	2.887
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.019	0.000	0.000	0.019
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	7	0	1	8	3.378	0.000	0.234	3.612
SUPERVISORY PERSONNEL	0	0	0	0	0.041	0.000	0.000	0.041
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	7	0	1	8	3.438	0.000	0.234	3.672
REFUELING								
MAINTENANCE PERSONNEL	1	0	0	1	0.380	0.000	0.000	0.380
OPERATIONS PERSONNEL	0	0	0	0	0.030	0.000	0.000	0.030
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	1	0	0	1	0.410	0.000	0.000	0.410
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	41	0	16	57	13.011	0.000	4.917	17.928
OPERATIONS PERSONNEL	23	0	0	23	5.147	0.000	0.000	5.147
HEALTH PHYSICS PERSONNEL	27	0	1	28	12.018	0.000	0.234	12.252
SUPERVISORY PERSONNEL	6	0	0	6	1.589	0.000	0.000	1.589
ENGINEERING PERSONNEL	3	0	0	3	0.557	0.000	0.000	0.557
GRAND TOTALS	100	0	17	117	32.322	0.000	5.151	37.473

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: *FORT ST. VRAIN

TYPE: HTGR

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
GRAND TOTALS	0	0	0	0	0.000	0.000	0.000	0.000

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***GINNA**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	3084	461	1454	4999	1.271	0.164	0.413	1.848
OPERATIONS PERSONNEL	3535	6	116	3657	2.845	0.001	0.094	2.940
HEALTH PHYSICS PERSONNEL	1954	65	1386	3405	3.036	0.326	6.453	9.815
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	<u>296</u>	<u>324</u>	<u>496</u>	<u>1116</u>	<u>0.218</u>	<u>0.555</u>	<u>0.523</u>	<u>1.296</u>
TOTAL	8869	856	3452	13177	7.370	1.046	7.483	15.899
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	928	392	801	2121	4.084	2.294	4.493	10.871
OPERATIONS PERSONNEL	132	30	0	162	0.644	0.051	0.000	0.695
HEALTH PHYSICS PERSONNEL	599	0	142	741	0.631	0.000	0.425	1.056
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	<u>60</u>	<u>85</u>	<u>352</u>	<u>497</u>	<u>0.447</u>	<u>0.523</u>	<u>2.913</u>	<u>3.883</u>
TOTAL	1719	507	1295	3521	5.806	2.868	7.831	16.505
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	35	26	818	879	0.336	0.073	4.931	5.340
OPERATIONS PERSONNEL	75	0	0	75	0.295	0.000	0.000	0.295
HEALTH PHYSICS PERSONNEL	11	0	0	11	0.003	0.000	0.000	0.003
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	<u>3</u>	<u>222</u>	<u>245</u>	<u>470</u>	<u>0.000</u>	<u>1.056</u>	<u>2.298</u>	<u>3.354</u>
TOTAL	124	248	1063	1435	0.634	1.129	7.229	8.992
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	279	200	249	728	2.229	1.342	1.702	5.273
OPERATIONS PERSONNEL	45	0	5	50	0.440	0.000	0.000	0.440
HEALTH PHYSICS PERSONNEL	20	0	55	75	0.383	0.000	1.179	1.562
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	<u>31</u>	<u>19</u>	<u>205</u>	<u>255</u>	<u>0.351</u>	<u>0.309</u>	<u>3.937</u>	<u>4.597</u>
TOTAL	375	219	514	1108	3.403	1.651	6.818	11.872
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	2	13	15	0.000	0.002	0.010	0.012
OPERATIONS PERSONNEL	0	0	2	2	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	261	0	1807	2068	0.211	0.000	3.825	4.036
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	<u>1</u>	<u>23</u>	<u>1</u>	<u>25</u>	<u>0.000</u>	<u>0.002</u>	<u>0.000</u>	<u>0.002</u>
TOTAL	262	25	1823	2110	0.211	0.004	3.835	4.050
REFUELING								
MAINTENANCE PERSONNEL	33	42	45	120	0.670	0.418	0.475	1.563
OPERATIONS PERSONNEL	97	6	650	753	1.018	0.055	9.173	10.246
HEALTH PHYSICS PERSONNEL	0	0	82	82	0.000	0.000	0.498	0.498
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	<u>59</u>	<u>23</u>	<u>171</u>	<u>253</u>	<u>0.271</u>	<u>0.259</u>	<u>0.754</u>	<u>1.284</u>
TOTAL	189	71	948	1208	1.959	0.732	10.900	13.591
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	4359	1123	3380	8862	8.590	4.293	12.024	24.907
OPERATIONS PERSONNEL	3884	42	773	4699	5.242	0.107	9.267	14.616
HEALTH PHYSICS PERSONNEL	2845	65	3472	6382	4.264	0.326	12.380	16.970
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	450	696	1470	2616	1.287	2.704	10.425	14.416
GRAND TOTALS	11538	1926	9095	22559	19.383	7.430	44.096	70.909

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***GRAND GULF**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.001	0.000	0.000	0.001
SUPERVISORY PERSONNEL	0	0	0	0	0.001	0.000	0.000	0.001
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.002	0.000	0.000	0.002
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	64	0	13	77	15.689	0.002	4.720	20.411
OPERATIONS PERSONNEL	34	0	2	36	8.941	0.002	3.146	12.089
HEALTH PHYSICS PERSONNEL	21	0	4	25	5.952	0.004	1.187	7.143
SUPERVISORY PERSONNEL	0	0	3	3	0.603	0.011	1.785	2.399
ENGINEERING PERSONNEL	0	0	0	0	1.102	0.000	0.053	1.155
TOTAL	119	0	22	141	32.287	0.019	10.891	43.197
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	10	0	69	79	4.290	0.000	56.095	60.385
OPERATIONS PERSONNEL	1	0	0	1	0.711	0.000	0.986	1.697
HEALTH PHYSICS PERSONNEL	7	0	0	7	2.033	0.000	0.076	2.109
SUPERVISORY PERSONNEL	0	0	0	0	0.036	0.000	0.183	0.219
ENGINEERING PERSONNEL	0	0	0	0	0.168	0.000	0.005	0.173
TOTAL	18	0	69	87	7.238	0.000	57.345	64.583
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.376	0.000	0.003	0.379
OPERATIONS PERSONNEL	0	0	0	0	0.155	0.000	0.000	0.155
HEALTH PHYSICS PERSONNEL	1	0	1	2	0.312	0.000	0.141	0.453
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	3	3	0.053	0.000	1.245	1.298
TOTAL	1	0	4	5	0.896	0.000	1.389	2.285
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	74	0	82	156	20.355	0.002	60.818	81.175
OPERATIONS PERSONNEL	35	0	2	37	9.807	0.002	4.132	13.941
HEALTH PHYSICS PERSONNEL	29	0	5	34	8.298	0.004	1.404	9.706
SUPERVISORY PERSONNEL	0	0	3	3	0.640	0.011	1.968	2.619
ENGINEERING PERSONNEL	0	0	3	3	1.323	0.000	1.303	2.626
GRAND TOTALS	138	0	95	233	40.423	0.019	69.625	110.067

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***HADDAM NECK**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	52	27	55	134	0.105	0.006	0.027	0.138
OPERATIONS PERSONNEL	55	2	22	79	0.868	0.008	0.071	0.947
HEALTH PHYSICS PERSONNEL	22	4	42	68	0.951	0.005	0.603	1.559
SUPERVISORY PERSONNEL	7	9	29	45	0.003	0.040	0.032	0.075
ENGINEERING PERSONNEL	<u>27</u>	<u>19</u>	<u>67</u>	<u>113</u>	<u>0.026</u>	<u>0.028</u>	<u>0.091</u>	<u>0.145</u>
TOTAL	163	61	215	439	1.953	0.087	0.824	2.864
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	73	31	116	220	0.601	0.044	0.208	0.853
OPERATIONS PERSONNEL	19	0	25	44	0.023	0.000	0.031	0.054
HEALTH PHYSICS PERSONNEL	21	8	59	88	0.058	0.001	0.116	0.175
SUPERVISORY PERSONNEL	12	15	96	123	0.003	0.007	0.036	0.046
ENGINEERING PERSONNEL	<u>27</u>	<u>21</u>	<u>98</u>	<u>146</u>	<u>0.021</u>	<u>0.004</u>	<u>0.032</u>	<u>0.057</u>
TOTAL	152	75	394	621	0.706	0.056	0.423	1.185
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	21	3	7	31	0.030	0.000	0.099	0.129
OPERATIONS PERSONNEL	4	0	1	5	0.010	0.000	0.000	0.010
HEALTH PHYSICS PERSONNEL	7	0	7	14	0.019	0.000	0.023	0.042
SUPERVISORY PERSONNEL	0	1	0	1	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	<u>6</u>	<u>2</u>	<u>15</u>	<u>23</u>	<u>0.006</u>	<u>0.000</u>	<u>0.232</u>	<u>0.238</u>
TOTAL	38	6	30	74	0.065	0.000	0.354	0.419
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	27	19	45	91	0.211	0.477	0.733	1.421
OPERATIONS PERSONNEL	22	0	9	31	0.167	0.000	0.074	0.241
HEALTH PHYSICS PERSONNEL	17	1	27	45	0.355	0.022	0.687	1.064
SUPERVISORY PERSONNEL	3	6	15	24	0.029	0.125	0.086	0.240
ENGINEERING PERSONNEL	<u>13</u>	<u>11</u>	<u>44</u>	<u>68</u>	<u>0.126</u>	<u>0.036</u>	<u>0.574</u>	<u>0.736</u>
TOTAL	82	37	140	259	0.888	0.660	2.154	3.702
WASTE PROCESSING								
MAINTENANCE PERSONNEL	2	2	4	8	0.106	0.000	0.000	0.106
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	9	1	9	19	0.276	0.001	0.160	0.437
SUPERVISORY PERSONNEL	0	1	0	1	0.000	0.002	0.000	0.002
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>
TOTAL	11	4	13	28	0.382	0.003	0.160	0.545
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	175	82	227	484	1.053	0.527	1.067	2.647
OPERATIONS PERSONNEL	100	2	57	159	1.068	0.008	0.176	1.252
HEALTH PHYSICS PERSONNEL	76	14	144	234	1.659	0.029	1.589	3.277
SUPERVISORY PERSONNEL	22	32	140	194	0.035	0.174	0.154	0.363
ENGINEERING PERSONNEL	73	53	224	350	0.179	0.068	0.929	1.176
GRAND TOTALS	446	183	792	1421	3.994	0.806	3.915	8.715

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***HARRIS**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	1	1	0.000	0.000	0.108	0.108
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	12	0	12	24	1.631	0.000	1.666	3.297
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	12	0	13	25	1.631	0.000	1.774	3.405
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	2	2	0.000	0.000	0.240	0.240
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	2	2	0.000	0.000	0.240	0.240
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	6	0	7	13	0.852	0.000	0.956	1.808
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	3	0	0	3	0.631	0.000	0.000	0.631
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	9	0	7	16	1.483	0.000	0.956	2.439
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	2	0	0	2	0.426	0.000	0.000	0.426
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	2	0	0	2	0.426	0.000	0.000	0.426
REFUELING								
MAINTENANCE PERSONNEL	63	5	125	193	18.366	1.108	35.133	54.607
OPERATIONS PERSONNEL	26	0	1	27	5.151	0.000	0.163	5.314
HEALTH PHYSICS PERSONNEL	23	0	15	38	7.754	0.000	3.412	11.166
SUPERVISORY PERSONNEL	5	1	2	8	1.833	0.127	0.554	2.514
ENGINEERING PERSONNEL	21	1	84	106	5.025	0.106	28.760	33.891
TOTAL	138	7	227	372	38.129	1.341	68.022	107.492
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	69	5	135	209	19.218	1.108	36.437	56.763
OPERATIONS PERSONNEL	26	0	1	27	5.151	0.000	0.163	5.314
HEALTH PHYSICS PERSONNEL	40	0	27	67	10.442	0.000	5.078	15.520
SUPERVISORY PERSONNEL	5	1	2	8	1.833	0.127	0.554	2.514
ENGINEERING PERSONNEL	21	1	84	106	5.025	0.106	28.760	33.891
GRAND TOTALS	161	7	249	417	41.669	1.341	70.992	114.002

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***HATCH 1,2**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	4	4	0.037	0.039	2.145	2.221
OPERATIONS PERSONNEL	77	0	0	77	43.441	0.013	0.002	43.456
HEALTH PHYSICS PERSONNEL	57	5	59	121	27.986	1.484	26.405	55.875
SUPERVISORY PERSONNEL	2	0	0	2	0.780	0.013	0.027	0.820
ENGINEERING PERSONNEL	<u>2</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>0.435</u>	<u>0.000</u>	<u>0.125</u>	<u>0.560</u>
TOTAL	138	5	63	206	72.679	1.549	28.704	102.932
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	194	14	347	555	102.267	3.833	173.569	279.669
OPERATIONS PERSONNEL	24	0	0	24	7.110	0.004	0.004	7.118
HEALTH PHYSICS PERSONNEL	18	0	18	36	6.396	0.053	7.899	14.348
SUPERVISORY PERSONNEL	20	0	4	24	10.854	0.141	1.608	12.603
ENGINEERING PERSONNEL	<u>14</u>	<u>2</u>	<u>9</u>	<u>25</u>	<u>5.848</u>	<u>0.567</u>	<u>2.957</u>	<u>9.372</u>
TOTAL	270	16	378	664	132.475	4.598	186.037	323.110
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	8	1	30	39	3.479	0.225	15.486	19.190
OPERATIONS PERSONNEL	0	0	0	0	0.108	0.000	0.000	0.108
HEALTH PHYSICS PERSONNEL	4	0	1	5	2.080	0.000	0.403	2.483
SUPERVISORY PERSONNEL	2	0	0	2	1.456	0.045	0.162	1.663
ENGINEERING PERSONNEL	<u>1</u>	<u>0</u>	<u>53</u>	<u>54</u>	<u>0.259</u>	<u>0.161</u>	<u>43.217</u>	<u>43.637</u>
TOTAL	15	1	84	100	7.382	0.431	59.268	67.081
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	136	8	282	426	56.585	2.460	120.953	179.998
OPERATIONS PERSONNEL	7	0	0	7	2.682	0.007	0.000	2.689
HEALTH PHYSICS PERSONNEL	1	1	7	9	0.800	0.219	1.994	3.013
SUPERVISORY PERSONNEL	16	0	4	20	6.177	0.092	1.704	7.973
ENGINEERING PERSONNEL	<u>10</u>	<u>4</u>	<u>2</u>	<u>16</u>	<u>2.665</u>	<u>0.881</u>	<u>1.464</u>	<u>5.010</u>
TOTAL	170	13	295	478	68.909	3.659	126.115	198.683
WASTE PROCESSING								
MAINTENANCE PERSONNEL	3	0	4	7	2.340	0.007	1.118	3.465
OPERATIONS PERSONNEL	0	0	0	0	0.005	0.000	0.000	0.005
HEALTH PHYSICS PERSONNEL	3	0	16	19	1.668	0.000	7.624	9.292
SUPERVISORY PERSONNEL	0	0	0	0	0.079	0.000	0.006	0.085
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.007</u>	<u>0.000</u>	<u>0.003</u>	<u>0.010</u>
TOTAL	6	0	20	26	4.099	0.007	8.751	12.857
REFUELING								
MAINTENANCE PERSONNEL	4	0	78	82	1.434	0.019	34.088	35.541
OPERATIONS PERSONNEL	4	0	0	4	1.161	0.000	0.000	1.161
HEALTH PHYSICS PERSONNEL	0	0	3	3	0.087	0.000	0.736	0.823
SUPERVISORY PERSONNEL	2	0	0	2	0.587	0.101	0.059	0.747
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>6</u>	<u>6</u>	<u>0.218</u>	<u>0.003</u>	<u>2.312</u>	<u>2.533</u>
TOTAL	10	0	87	97	3.487	0.123	37.195	40.805
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	345	23	745	1113	166.142	6.583	347.359	520.084
OPERATIONS PERSONNEL	112	0	0	112	54.507	0.024	0.006	54.537
HEALTH PHYSICS PERSONNEL	83	6	104	193	39.017	1.756	45.061	85.834
SUPERVISORY PERSONNEL	42	0	8	50	19.933	0.392	3.566	23.891
ENGINEERING PERSONNEL	27	6	70	103	9.432	1.612	50.078	61.122
GRAND TOTALS	609	35	927	1571	289.031	10.367	446.070	745.468

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***HOPE CREEK 1**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	8	0	3	11	3.488	4.024	2.916	10.428
OPERATIONS PERSONNEL	28	5	1	34	7.367	2.381	2.332	12.080
HEALTH PHYSICS PERSONNEL	22	0	7	29	4.768	0.021	2.352	7.141
SUPERVISORY PERSONNEL	0	0	0	0	0.025	0.006	0.039	0.070
ENGINEERING PERSONNEL	1	0	0	1	0.334	0.382	0.072	0.788
TOTAL	59	5	11	75	15.982	6.814	7.711	30.507
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	15	29	18	62	4.278	9.337	6.345	19.960
OPERATIONS PERSONNEL	5	10	50	65	1.932	3.565	18.537	24.034
HEALTH PHYSICS PERSONNEL	14	0	15	29	4.726	0.024	5.594	10.344
SUPERVISORY PERSONNEL	0	0	0	0	0.085	0.000	0.000	0.085
ENGINEERING PERSONNEL	0	2	1	3	0.053	0.816	0.377	1.246
TOTAL	34	41	84	159	11.074	13.742	30.853	55.669
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.008	0.005	0.000	0.013
OPERATIONS PERSONNEL	0	0	0	0	0.008	0.006	0.000	0.014
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.010	0.000	0.000	0.010
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.002	0.000	0.002
TOTAL	0	0	0	0	0.026	0.013	0.000	0.039
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	31	23	41	95	12.947	9.049	28.038	50.034
OPERATIONS PERSONNEL	11	15	42	68	3.837	3.790	29.996	37.623
HEALTH PHYSICS PERSONNEL	14	0	5	19	3.046	0.031	1.448	4.525
SUPERVISORY PERSONNEL	0	0	0	0	0.065	0.004	0.169	0.238
ENGINEERING PERSONNEL	0	3	1	4	0.181	0.726	0.154	1.061
TOTAL	56	41	89	186	20.076	13.600	59.805	93.481
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	1	1	0.000	0.000	0.125	0.125
OPERATIONS PERSONNEL	0	0	2	2	0.008	0.000	0.243	0.251
HEALTH PHYSICS PERSONNEL	2	0	0	2	0.415	0.002	0.116	0.533
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.019	0.000	0.019
TOTAL	2	0	3	5	0.423	0.021	0.484	0.928
REFUELING								
MAINTENANCE PERSONNEL	14	26	92	132	4.267	11.076	46.601	61.944
OPERATIONS PERSONNEL	29	20	117	166	7.973	5.321	66.398	79.692
HEALTH PHYSICS PERSONNEL	19	0	31	50	5.642	0.043	11.314	16.999
SUPERVISORY PERSONNEL	1	0	0	1	0.351	0.007	0.045	0.403
ENGINEERING PERSONNEL	2	3	0	5	0.514	1.023	0.049	1.586
TOTAL	65	49	240	354	18.747	17.470	124.407	160.624
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	68	78	155	301	24.988	33.491	84.025	142.504
OPERATIONS PERSONNEL	73	50	212	335	21.125	15.063	117.506	153.694
HEALTH PHYSICS PERSONNEL	71	0	58	129	18.607	0.121	20.824	39.552
SUPERVISORY PERSONNEL	1	0	0	1	0.526	0.017	0.253	0.796
ENGINEERING PERSONNEL	3	8	2	13	1.082	2.968	0.652	4.702
GRAND TOTALS	216	136	427	779	66.328	51.660	223.260	341.248

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***HUMBOLDT BAY**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
GRAND TOTALS	0	0	0	0	0.000	0.000	0.000	0.000

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***INDIAN POINT 2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	2	1	8	11	0.250	0.331	1.428	2.009
OPERATIONS PERSONNEL	56	0	0	56	20.850	0.000	0.000	20.850
HEALTH PHYSICS PERSONNEL	18	3	69	90	5.956	1.113	29.641	36.710
SUPERVISORY PERSONNEL	4	5	0	9	0.968	0.808	0.000	1.776
ENGINEERING PERSONNEL	9	1	0	10	1.389	0.139	0.000	1.528
TOTAL	89	10	77	176	29.413	2.391	31.069	62.873
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	18	0	15	33	2.770	0.000	2.564	5.334
OPERATIONS PERSONNEL	0	0	1	1	0.000	0.000	0.271	0.271
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	1	0	0	1	0.124	0.000	0.000	0.124
TOTAL	19	0	16	35	2.894	0.000	2.835	5.729
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	1	0	0	1	0.145	0.000	0.000	0.145
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	1	0	0	1	0.145	0.000	0.000	0.145
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	43	129	235	407	15.093	60.754	81.283	157.130
OPERATIONS PERSONNEL	1	0	2	3	0.221	0.000	1.111	1.332
HEALTH PHYSICS PERSONNEL	1	0	2	3	0.263	0.000	0.570	0.833
SUPERVISORY PERSONNEL	2	3	5	10	0.334	1.102	1.710	3.146
ENGINEERING PERSONNEL	6	4	13	23	2.027	1.121	3.651	6.799
TOTAL	53	136	257	446	17.938	62.977	88.325	169.240
WASTE PROCESSING								
MAINTENANCE PERSONNEL	3	1	43	47	0.852	0.696	23.041	24.589
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	1	1	0.000	0.000	1.522	1.522
SUPERVISORY PERSONNEL	2	0	1	3	1.649	0.000	0.192	1.841
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	5	1	45	51	2.501	0.696	24.755	27.952
REFUELING								
MAINTENANCE PERSONNEL	1	4	159	164	0.118	0.627	91.471	92.216
OPERATIONS PERSONNEL	4	0	0	4	0.630	0.000	0.000	0.630
HEALTH PHYSICS PERSONNEL	1	0	3	4	0.175	0.000	0.514	0.689
SUPERVISORY PERSONNEL	2	1	4	7	0.324	0.141	1.793	2.258
ENGINEERING PERSONNEL	5	1	11	17	1.682	0.234	6.471	8.387
TOTAL	13	6	177	196	2.929	1.002	100.249	104.180
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	67	135	460	662	19.083	62.408	199.787	281.278
OPERATIONS PERSONNEL	62	0	3	65	21.846	0.000	1.382	23.228
HEALTH PHYSICS PERSONNEL	20	3	75	98	6.394	1.113	32.247	39.754
SUPERVISORY PERSONNEL	10	9	10	29	3.275	2.051	3.695	9.021
ENGINEERING PERSONNEL	21	6	24	51	5.222	1.494	10.122	16.838
GRAND TOTALS	180	153	572	905	55.820	67.066	247.233	370.119

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***INDIAN POINT 3**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	24	1	211	236	5.030	0.110	49.080	54.220
OPERATIONS PERSONNEL	41	2	14	57	8.540	0.210	2.740	11.490
HEALTH PHYSICS PERSONNEL	22	0	48	70	8.490	0.000	17.350	25.840
SUPERVISORY PERSONNEL	3	0	0	3	0.500	0.000	0.000	0.500
ENGINEERING PERSONNEL	3	1	4	8	1.130	0.140	0.760	2.030
TOTAL	93	4	277	374	23.690	0.460	69.930	94.080
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	6	0	121	127	1.090	0.000	31.230	32.320
OPERATIONS PERSONNEL	1	0	3	4	0.140	0.000	0.450	0.590
HEALTH PHYSICS PERSONNEL	3	0	2	5	0.570	0.000	0.300	0.870
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	1	1	0.000	0.000	0.230	0.230
TOTAL	10	0	127	137	1.800	0.000	32.210	34.010
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	29	29	0.000	0.000	7.320	7.320
OPERATIONS PERSONNEL	0	1	2	3	0.000	0.410	0.490	0.900
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	1	31	32	0.000	0.410	7.810	8.220
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	10	0	158	168	1.940	0.000	49.530	51.470
OPERATIONS PERSONNEL	2	0	6	8	0.270	0.000	1.200	1.470
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	3	0	0	3	0.860	0.000	0.000	0.860
ENGINEERING PERSONNEL	0	0	1	1	0.000	0.000	0.610	0.610
TOTAL	15	0	165	180	3.070	0.000	51.340	54.410
WASTE PROCESSING								
MAINTENANCE PERSONNEL	3	0	1	4	0.440	0.000	0.150	0.590
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	3	0	1	4	0.440	0.000	0.150	0.590
REFUELING								
MAINTENANCE PERSONNEL	2	0	9	11	0.280	0.000	1.550	1.830
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	3	0	3	6	2.290	0.000	1.500	3.790
SUPERVISORY PERSONNEL	1	0	0	1	0.250	0.000	0.000	0.250
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	6	0	12	18	2.820	0.000	3.050	5.870
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	45	1	529	575	8.780	0.110	138.860	147.750
OPERATIONS PERSONNEL	44	3	25	72	8.950	0.620	4.880	14.450
HEALTH PHYSICS PERSONNEL	28	0	53	81	11.350	0.000	19.150	30.500
SUPERVISORY PERSONNEL	7	0	0	7	1.610	0.000	0.000	1.610
ENGINEERING PERSONNEL	3	1	6	10	1.130	0.140	1.600	2.870
GRAND TOTALS	127	5	613	745	31.820	0.870	164.490	197.180

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***KEWAUNEE**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	3	0	0	3	0.317	0.000	0.000	0.317
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	3	0	0	3	0.317	0.000	0.000	0.317
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	3	0	7	10	0.681	0.000	4.723	5.404
OPERATIONS PERSONNEL	2	0	0	2	0.566	0.000	0.000	0.566
HEALTH PHYSICS PERSONNEL	16	0	6	22	5.054	0.000	2.272	7.326
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.072	0.000	0.000	0.072
TOTAL	21	0	13	34	6.373	0.000	6.995	13.368
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.031	0.000	0.000	0.031
OPERATIONS PERSONNEL	0	0	0	0	0.049	0.000	0.000	0.049
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.080	0.000	0.000	0.080
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	18	0	53	71	9.058	0.000	20.714	29.772
OPERATIONS PERSONNEL	5	0	0	5	2.768	0.000	0.000	2.768
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	1	0	0	1	0.220	0.000	0.000	0.220
ENGINEERING PERSONNEL	7	0	0	7	2.540	0.000	0.000	2.540
TOTAL	31	0	53	84	14.586	0.000	20.714	35.300
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.044	0.000	0.000	0.044
OPERATIONS PERSONNEL	1	0	0	1	0.780	0.000	0.000	0.780
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.144	0.000	0.000	0.144
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	1	0	0	1	0.968	0.000	0.000	0.968
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	21	0	60	81	9.814	0.000	25.437	35.251
OPERATIONS PERSONNEL	11	0	0	11	4.480	0.000	0.000	4.480
HEALTH PHYSICS PERSONNEL	16	0	6	22	5.198	0.000	2.272	7.470
SUPERVISORY PERSONNEL	1	0	0	1	0.220	0.000	0.000	0.220
ENGINEERING PERSONNEL	7	0	0	7	2.612	0.000	0.000	2.612
GRAND TOTALS	56	0	66	122	22.324	0.000	27.709	50.033

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***LACROSSE**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
GRAND TOTALS	0	0	0	0	0.000	0.000	0.000	0.000

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***LASALLE 1,2**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	10	0	16	26	3.057	0.016	1.871	4.944
OPERATIONS PERSONNEL	128	0	12	140	17.512	0.000	0.711	18.223
HEALTH PHYSICS PERSONNEL	4	17	0	21	1.092	0.132	0.001	1.225
SUPERVISORY PERSONNEL	61	0	42	103	1.984	0.000	0.763	2.747
ENGINEERING PERSONNEL	48	0	67	115	1.695	0.000	0.779	2.474
TOTAL	251	17	137	405	25.340	0.148	4.125	29.613
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	186	58	1203	1447	59.678	8.412	144.217	212.307
OPERATIONS PERSONNEL	44	0	1	45	5.969	0.000	0.030	5.999
HEALTH PHYSICS PERSONNEL	74	326	32	432	20.717	2.600	3.311	26.628
SUPERVISORY PERSONNEL	234	0	281	515	7.685	0.000	5.173	12.858
ENGINEERING PERSONNEL	153	0	176	329	5.401	0.000	2.046	7.447
TOTAL	691	384	1693	2768	99.450	11.012	154.777	265.239
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	3	0	10	13	0.963	0.000	1.224	2.187
OPERATIONS PERSONNEL	0	0	0	0	0.003	0.000	0.000	0.003
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.089	0.004	0.000	0.093
SUPERVISORY PERSONNEL	2	0	0	2	0.052	0.000	0.000	0.052
ENGINEERING PERSONNEL	0	0	0	0	0.013	0.000	0.000	0.013
TOTAL	5	0	10	15	1.120	0.004	1.224	2.348
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	1	43	44	0.070	0.133	5.161	5.364
OPERATIONS PERSONNEL	0	0	0	0	0.048	0.000	0.000	0.048
HEALTH PHYSICS PERSONNEL	0	2	5	7	0.009	0.013	0.570	0.592
SUPERVISORY PERSONNEL	0	0	4	4	0.001	0.000	0.065	0.066
ENGINEERING PERSONNEL	3	0	30	33	0.092	0.000	0.354	0.446
TOTAL	3	3	82	88	0.220	0.146	6.150	6.516
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	18	18	0.041	0.000	2.124	2.165
OPERATIONS PERSONNEL	4	0	134	138	0.507	0.000	7.809	8.316
HEALTH PHYSICS PERSONNEL	1	0	0	1	0.228	0.002	0.000	0.230
SUPERVISORY PERSONNEL	6	0	0	6	0.193	0.000	0.005	0.198
ENGINEERING PERSONNEL	1	0	0	1	0.025	0.000	0.001	0.026
TOTAL	12	0	152	164	0.994	0.002	9.939	10.935
REFUELING								
MAINTENANCE PERSONNEL	0	0	9	9	0.050	0.000	1.073	1.123
OPERATIONS PERSONNEL	0	0	0	0	0.052	0.000	0.000	0.052
HEALTH PHYSICS PERSONNEL	1	0	0	1	0.226	0.000	0.000	0.226
SUPERVISORY PERSONNEL	0	0	1	1	0.014	0.000	0.012	0.026
ENGINEERING PERSONNEL	0	0	6	6	0.003	0.000	0.068	0.071
TOTAL	1	0	16	17	0.345	0.000	1.153	1.498
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	199	59	1299	1557	63.859	8.561	155.670	228.090
OPERATIONS PERSONNEL	176	0	147	323	24.091	0.000	8.550	32.641
HEALTH PHYSICS PERSONNEL	80	345	37	462	22.361	2.751	3.882	28.994
SUPERVISORY PERSONNEL	303	0	328	631	9.929	0.000	6.018	15.947
ENGINEERING PERSONNEL	205	0	279	484	7.229	0.000	3.248	10.477
GRAND TOTALS	963	404	2090	3457	127.469	11.312	177.368	316.149

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***LIMERICK 1,2**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	364	313	964	1641	32.694	24.465	68.446	125.605
OPERATIONS PERSONNEL	196	40	135	371	16.499	1.953	12.731	31.183
HEALTH PHYSICS PERSONNEL	43	6	18	67	12.654	0.660	2.727	16.041
SUPERVISORY PERSONNEL	8	3	25	36	0.419	0.000	0.293	0.712
ENGINEERING PERSONNEL	<u>122</u>	<u>85</u>	<u>25</u>	<u>232</u>	<u>4.873</u>	<u>1.874</u>	<u>0.356</u>	<u>7.103</u>
TOTAL	733	447	1167	2347	67.139	28.952	84.553	180.644
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	7	67	8	82	0.049	0.511	0.054	0.614
OPERATIONS PERSONNEL	1	0	16	17	0.008	0.000	0.222	0.230
HEALTH PHYSICS PERSONNEL	4	0	2	6	0.009	0.000	0.037	0.046
SUPERVISORY PERSONNEL	0	0	1	1	0.000	0.000	0.005	0.005
ENGINEERING PERSONNEL	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0.003</u>	<u>0.000</u>	<u>0.000</u>	<u>0.003</u>
TOTAL	13	67	27	107	0.069	0.511	0.318	0.898
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	3	57	60	0.000	0.132	11.514	11.646
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>0.000</u>	<u>0.000</u>	<u>0.027</u>	<u>0.027</u>
TOTAL	0	3	58	61	0.000	0.132	11.541	11.673
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	59	30	51	140	12.833	1.249	6.115	20.197
OPERATIONS PERSONNEL	18	2	4	24	1.976	0.082	0.247	2.305
HEALTH PHYSICS PERSONNEL	21	1	2	24	1.507	0.258	0.119	1.884
SUPERVISORY PERSONNEL	1	0	0	1	0.005	0.000	0.000	0.005
ENGINEERING PERSONNEL	<u>6</u>	<u>4</u>	<u>1</u>	<u>11</u>	<u>0.275</u>	<u>0.999</u>	<u>0.047</u>	<u>1.321</u>
TOTAL	105	37	58	200	16.596	2.588	6.528	25.712
WASTE PROCESSING								
MAINTENANCE PERSONNEL	48	12	11	71	4.983	1.065	0.167	6.215
OPERATIONS PERSONNEL	18	2	13	33	0.671	0.210	0.339	1.220
HEALTH PHYSICS PERSONNEL	25	0	2	27	1.190	0.000	0.028	1.218
SUPERVISORY PERSONNEL	2	0	0	2	0.002	0.000	0.000	0.002
ENGINEERING PERSONNEL	<u>5</u>	<u>2</u>	<u>1</u>	<u>8</u>	<u>0.028</u>	<u>0.069</u>	<u>0.000</u>	<u>0.097</u>
TOTAL	98	16	27	141	6.874	1.344	0.534	8.752
REFUELING								
MAINTENANCE PERSONNEL	24	90	57	171	0.421	3.475	0.744	4.640
OPERATIONS PERSONNEL	7	4	48	59	0.152	0.016	0.987	1.155
HEALTH PHYSICS PERSONNEL	9	0	3	12	0.121	0.000	0.040	0.161
SUPERVISORY PERSONNEL	1	0	1	2	0.018	0.000	0.001	0.019
ENGINEERING PERSONNEL	<u>8</u>	<u>8</u>	<u>2</u>	<u>18</u>	<u>0.062</u>	<u>0.052</u>	<u>0.005</u>	<u>0.119</u>
TOTAL	49	102	111	262	0.774	3.543	1.777	6.094
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	502	515	1148	2165	50.980	30.897	87.040	168.917
OPERATIONS PERSONNEL	240	48	216	504	19.306	2.261	14.526	36.093
HEALTH PHYSICS PERSONNEL	102	7	27	136	15.481	0.918	2.951	19.350
SUPERVISORY PERSONNEL	12	3	27	42	0.444	0.000	0.299	0.743
ENGINEERING PERSONNEL	142	99	30	271	5.241	2.994	0.435	8.670
GRAND TOTALS	998	672	1448	3118	91.452	37.070	105.251	233.773

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***MAINE YANKEE**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	1	0	0	1	0.303	0.000	0.290	0.593
OPERATIONS PERSONNEL	0	0	0	0	0.003	0.000	0.064	0.067
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.089	0.000	0.005	0.094
SUPERVISORY PERSONNEL	0	0	1	1	0.009	0.000	0.247	0.256
ENGINEERING PERSONNEL	0	0	0	0	0.011	0.000	0.084	0.095
TOTAL	1	0	1	2	0.415	0.000	0.690	1.105
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	28	0	38	66	12.213	0.004	14.199	26.416
OPERATIONS PERSONNEL	32	0	9	41	8.937	0.001	2.190	11.128
HEALTH PHYSICS PERSONNEL	13	0	45	58	4.995	0.000	11.878	16.873
SUPERVISORY PERSONNEL	3	0	4	7	1.722	0.000	3.612	5.334
ENGINEERING PERSONNEL	10	0	10	20	3.005	0.000	4.281	7.286
TOTAL	86	0	106	192	30.872	0.005	36.160	67.037
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.056	0.000	0.072	0.128
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.016	0.000	0.000	0.016
SUPERVISORY PERSONNEL	0	0	0	0	0.009	0.000	0.000	0.009
ENGINEERING PERSONNEL	0	0	3	3	0.000	0.000	0.597	0.597
TOTAL	0	0	3	3	0.081	0.000	0.669	0.750
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	5	0	31	36	2.534	0.000	11.075	13.609
OPERATIONS PERSONNEL	1	0	6	7	0.508	0.000	3.041	3.549
HEALTH PHYSICS PERSONNEL	2	0	21	23	0.707	0.000	6.114	6.821
SUPERVISORY PERSONNEL	0	0	5	5	0.116	0.000	1.903	2.019
ENGINEERING PERSONNEL	1	0	81	82	0.929	0.000	35.781	36.710
TOTAL	9	0	144	153	4.794	0.000	57.914	62.708
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
REFUELING								
MAINTENANCE PERSONNEL	9	0	12	21	2.665	0.000	4.709	7.374
OPERATIONS PERSONNEL	0	0	0	0	1.041	0.000	0.244	1.285
HEALTH PHYSICS PERSONNEL	1	0	1	2	0.230	0.000	1.284	1.514
SUPERVISORY PERSONNEL	1	0	1	2	0.392	0.000	0.873	1.265
ENGINEERING PERSONNEL	1	0	2	3	0.317	0.022	2.363	2.702
TOTAL	12	0	16	28	4.645	0.022	9.473	14.140
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	43	0	81	124	17.715	0.004	30.273	47.992
OPERATIONS PERSONNEL	33	0	15	48	10.545	0.001	5.611	16.157
HEALTH PHYSICS PERSONNEL	16	0	67	83	6.037	0.000	19.281	25.318
SUPERVISORY PERSONNEL	4	0	11	15	2.248	0.000	6.635	8.883
ENGINEERING PERSONNEL	12	0	96	108	4.262	0.022	43.106	47.390
GRAND TOTALS	108	0	270	378	40.807	0.027	104.906	145.740

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***MCGUIRE 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM				
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL	
REACTOR OPS & SURV									
MAINTENANCE PERSONNEL	133	370	429	932	0.285	0.732	5.746	6.763	
OPERATIONS PERSONNEL	48	0	38	86	1.262	0.000	0.151	1.413	
HEALTH PHYSICS PERSONNEL	17	4	79	100	0.732	0.007	8.008	8.747	
SUPERVISORY PERSONNEL	2	0	3	5	0.011	0.000	0.641	0.652	
ENGINEERING PERSONNEL	10	13	76	99	0.104	0.027	0.006	0.137	
TOTAL	210	387	625	1222	2.394	0.766	14.552	17.712	
ROUTINE MAINTENANCE									
MAINTENANCE PERSONNEL	134	370	445	949	46.926	127.784	127.175	301.885	
OPERATIONS PERSONNEL	50	0	45	95	7.378	0.000	10.300	17.678	
HEALTH PHYSICS PERSONNEL	17	2	79	98	1.865	1.817	15.643	19.325	
SUPERVISORY PERSONNEL	2	0	3	5	0.334	0.000	0.923	1.257	
ENGINEERING PERSONNEL	10	13	80	103	2.331	4.512	59.522	66.365	
TOTAL	213	385	652	1250	58.834	134.113	213.563	406.510	
IN-SERVICE INSPECTION									
MAINTENANCE PERSONNEL	29	86	103	218	0.565	5.421	4.489	10.475	
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
HEALTH PHYSICS PERSONNEL	1	0	17	18	0.007	0.000	0.087	0.094	
SUPERVISORY PERSONNEL	1	0	0	1	0.010	0.000	0.000	0.010	
ENGINEERING PERSONNEL	1	3	3	7	0.005	0.240	0.037	0.282	
TOTAL	32	89	123	244	0.587	5.661	4.613	10.861	
SPECIAL MAINTENANCE									
MAINTENANCE PERSONNEL	56	69	33	158	1.051	3.694	0.804	5.549	
OPERATIONS PERSONNEL	3	0	7	10	0.000	0.000	0.247	0.247	
HEALTH PHYSICS PERSONNEL	9	4	62	75	0.438	1.025	31.133	32.596	
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
ENGINEERING PERSONNEL	1	2	0	3	0.013	0.079	0.000	0.092	
TOTAL	69	75	102	246	1.502	4.798	32.184	38.484	
WASTE PROCESSING									
MAINTENANCE PERSONNEL	2	2	2	6	0.000	0.000	0.000	0.000	
OPERATIONS PERSONNEL	0	0	17	17	0.000	0.000	0.024	0.024	
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
TOTAL	2	2	19	23	0.000	0.000	0.024	0.024	
REFUELING									
MAINTENANCE PERSONNEL	10	25	2	37	0.014	0.011	0.000	0.025	
OPERATIONS PERSONNEL	1	0	2	3	0.002	0.000	0.045	0.047	
HEALTH PHYSICS PERSONNEL	1	0	14	15	0.000	0.000	0.002	0.002	
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000	
ENGINEERING PERSONNEL	0	0	2	2	0.000	0.000	0.000	0.000	
TOTAL	12	25	20	57	0.016	0.011	0.047	0.074	
TOTAL BY JOB FUNCTION									
MAINTENANCE PERSONNEL	364	(134)922	(372) 1014	(445) 2300	(951)	48.841	137.642	138.214	324.697
OPERATIONS PERSONNEL	102	(50) 0	(0) 109	(45) 211	(95)	8.642	0.000	10.767	19.409
HEALTH PHYSICS PERSONNEL	45	(17) 10	(6) 251	(112) 306	(135)	3.042	2.849	54.873	60.764
SUPERVISORY PERSONNEL	5	(2) 0	(0) 6	(3) 11	(5)	0.355	0.000	1.564	1.919
ENGINEERING PERSONNEL	22	(10) 31	(13) 161	(80) 214	(103)	2.453	4.858	59.565	66.876
GRAND TOTALS	538	(213)963	(391) 1541	(685) 3042	(1289)	63.333	145.349	264.983	473.665

*Workers may be counted in more than one category. Numbers in parentheses are total numbers of individuals.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***MILLSTONE POINT 1**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	15	13	235	263	0.698	0.166	7.201	8.065
OPERATIONS PERSONNEL	43	3	4	50	3.902	0.271	0.335	4.508
HEALTH PHYSICS PERSONNEL	27	0	34	61	2.317	0.000	6.007	8.324
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	5	5	0.000	0.000	0.029	0.029
TOTAL	85	16	278	379	6.917	0.437	13.572	20.926
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	86	39	503	628	3.640	1.572	46.988	52.200
OPERATIONS PERSONNEL	19	0	4	23	0.316	0.000	0.084	0.400
HEALTH PHYSICS PERSONNEL	26	0	26	52	1.093	0.000	2.752	3.845
SUPERVISORY PERSONNEL	0	0	5	5	0.000	0.000	0.755	0.755
ENGINEERING PERSONNEL	8	5	47	60	0.240	0.555	4.069	4.864
TOTAL	139	44	585	768	5.289	2.127	54.648	62.064
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	29	15	345	389	0.845	0.543	58.131	59.519
OPERATIONS PERSONNEL	13	1	3	17	0.261	0.001	0.100	0.362
HEALTH PHYSICS PERSONNEL	17	0	23	40	0.663	0.000	2.799	3.462
SUPERVISORY PERSONNEL	0	0	3	3	0.000	0.000	0.180	0.180
ENGINEERING PERSONNEL	1	3	15	19	0.099	0.011	1.658	1.768
TOTAL	60	19	389	468	1.868	0.555	62.868	65.291
WASTE PROCESSING								
MAINTENANCE PERSONNEL	27	10	119	156	2.417	0.011	2.872	5.300
OPERATIONS PERSONNEL	4	1	1	6	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	24	0	23	47	0.486	0.000	1.535	2.021
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	1	5	6	0.000	0.000	0.000	0.000
TOTAL	55	12	148	215	2.903	0.011	4.407	7.321
REFUELING								
MAINTENANCE PERSONNEL	7	0	3	10	0.026	0.000	0.014	0.040
OPERATIONS PERSONNEL	2	0	0	2	0.010	0.000	0.000	0.010
HEALTH PHYSICS PERSONNEL	3	0	1	4	0.016	0.000	0.002	0.018
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	12	0	4	16	0.052	0.000	0.016	0.068
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	164	77	1205	1446	7.626	2.292	115.206	125.124
OPERATIONS PERSONNEL	81	5	12	98	4.489	0.272	0.519	5.280
HEALTH PHYSICS PERSONNEL	97	0	107	204	4.575	0.000	13.095	17.670
SUPERVISORY PERSONNEL	0	0	8	8	0.000	0.000	0.935	0.935
ENGINEERING PERSONNEL	9	9	72	90	0.339	0.566	5.756	6.661
GRAND TOTALS	351	91	1404	1846	17.029	3.130	135.511	155.670

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***MILLSTONE POINT 2,3**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	39	11	120	170	0.145	0.002	0.048	0.195
OPERATIONS PERSONNEL	7	2	2	11	0.079	0.000	0.000	0.079
HEALTH PHYSICS PERSONNEL	37	0	37	74	0.958	0.000	2.854	3.812
SUPERVISORY PERSONNEL	0	0	1	1	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	3	1	11	15	0.000	0.017	0.007	0.024
TOTAL	86	14	171	271	1.182	0.019	2.909	4.110
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	47	42	229	318	2.313	0.742	3.249	6.304
OPERATIONS PERSONNEL	3	0	2	5	0.005	0.000	0.008	0.013
HEALTH PHYSICS PERSONNEL	12	0	18	30	0.181	0.000	0.253	0.434
SUPERVISORY PERSONNEL	0	0	2	2	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	2	2	16	20	0.001	0.006	0.226	0.233
TOTAL	64	44	267	375	2.500	0.748	3.736	6.984
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	2	1	103	106	0.005	0.000	1.233	1.238
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	3	0	1	4	0.012	0.000	0.000	0.012
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	3	3	0.000	0.000	0.002	0.002
TOTAL	5	1	107	113	0.017	0.000	1.235	1.252
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	150	90	839	1079	32.620	9.164	89.780	131.564
OPERATIONS PERSONNEL	60	1	8	69	12.423	1.045	1.026	14.494
HEALTH PHYSICS PERSONNEL	43	0	56	99	7.690	0.000	8.707	16.397
SUPERVISORY PERSONNEL	0	0	11	11	0.000	0.000	1.197	1.197
ENGINEERING PERSONNEL	14	7	87	108	1.704	0.620	11.991	14.315
TOTAL	267	98	1001	1366	54.437	10.829	112.701	177.967
WASTE PROCESSING								
MAINTENANCE PERSONNEL	39	10	92	141	1.386	0.000	1.864	3.250
OPERATIONS PERSONNEL	10	1	1	12	0.312	0.000	0.000	0.312
HEALTH PHYSICS PERSONNEL	23	0	18	41	0.502	0.000	0.754	1.256
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	1	1	4	6	0.000	0.000	0.000	0.000
TOTAL	73	12	115	200	2.200	0.000	2.618	4.818
REFUELING								
MAINTENANCE PERSONNEL	23	4	127	154	0.813	0.020	4.308	5.141
OPERATIONS PERSONNEL	9	0	0	9	0.658	0.000	0.000	0.658
HEALTH PHYSICS PERSONNEL	5	0	5	10	0.214	0.000	0.044	0.258
SUPERVISORY PERSONNEL	0	0	1	1	0.000	0.000	0.009	0.009
ENGINEERING PERSONNEL	0	2	16	18	0.000	0.038	0.777	0.815
TOTAL	37	6	149	192	1.685	0.058	5.138	6.881
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	300	158	1510	1968	37.282	9.928	100.482	147.692
OPERATIONS PERSONNEL	89	4	13	106	13.477	1.045	1.034	15.556
HEALTH PHYSICS PERSONNEL	123	0	135	258	9.557	0.000	12.612	22.169
SUPERVISORY PERSONNEL	0	0	15	15	0.000	0.000	1.206	1.206
ENGINEERING PERSONNEL	20	13	137	170	1.705	0.681	13.003	15.389
GRAND TOTALS	532	175	1810	2517	62.021	11.654	128.337	202.012

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***MONTICELLO**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	23	2	23	48	5.108	0.673	7.122	12.903
OPERATIONS PERSONNEL	29	0	0	29	10.921	0.000	0.023	10.944
HEALTH PHYSICS PERSONNEL	23	1	1	25	7.089	0.235	0.335	7.659
SUPERVISORY PERSONNEL	12	0	2	14	3.610	0.150	0.726	4.486
ENGINEERING PERSONNEL	7	0	0	7	2.370	0.000	0.000	2.370
TOTAL	94	3	26	123	29.098	1.058	8.206	38.362
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	26	3	25	54	6.894	1.672	7.604	16.170
OPERATIONS PERSONNEL	0	0	0	0	0.338	0.000	0.000	0.338
HEALTH PHYSICS PERSONNEL	8	1	1	10	2.355	0.236	0.582	3.173
SUPERVISORY PERSONNEL	17	0	2	19	4.171	0.199	0.638	5.008
ENGINEERING PERSONNEL	4	0	0	4	0.729	0.000	0.000	0.729
TOTAL	55	4	28	87	14.487	2.107	8.824	25.418
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	10	10	0.000	0.057	2.234	2.291
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.009	0.000	0.011	0.020
SUPERVISORY PERSONNEL	0	0	2	2	0.002	0.019	0.350	0.371
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	12	12	0.011	0.076	2.595	2.682
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	19	85	104	0.066	4.744	30.322	35.132
OPERATIONS PERSONNEL	0	0	0	0	0.269	0.000	0.000	0.269
HEALTH PHYSICS PERSONNEL	2	0	1	3	0.665	0.000	0.267	0.932
SUPERVISORY PERSONNEL	3	3	4	10	1.018	0.968	1.053	3.039
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	5	22	90	117	2.018	5.712	31.642	39.372
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.143	0.000	0.040	0.183
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.009	0.000	0.011	0.020
SUPERVISORY PERSONNEL	0	0	0	0	0.001	0.000	0.000	0.001
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.153	0.000	0.051	0.204
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	49	24	143	216	12.211	7.146	47.322	66.679
OPERATIONS PERSONNEL	29	0	0	29	11.528	0.000	0.023	11.551
HEALTH PHYSICS PERSONNEL	33	2	3	38	10.127	0.471	1.206	11.804
SUPERVISORY PERSONNEL	32	3	10	45	8.802	1.336	2.767	12.905
ENGINEERING PERSONNEL	11	0	0	11	3.099	0.000	0.000	3.099
GRAND TOTALS	154	29	156	339	45.767	8.953	51.318	106.038

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***NINE MILE POINT 1,2**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	154	0	137	291	5.394	0.000	0.728	6.122
OPERATIONS PERSONNEL	164	0	9	173	28.670	0.000	0.006	28.676
HEALTH PHYSICS PERSONNEL	154	0	57	211	11.382	0.000	1.080	12.462
SUPERVISORY PERSONNEL	59	0	18	77	1.335	0.000	0.046	1.381
ENGINEERING PERSONNEL	177	0	80	257	1.850	0.000	0.304	2.154
TOTAL	708	0	301	1009	48.631	0.000	2.164	50.795
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	408	0	513	921	105.481	0.000	89.339	194.820
OPERATIONS PERSONNEL	105	0	3	108	8.982	0.000	0.206	9.188
HEALTH PHYSICS PERSONNEL	97	0	41	138	15.491	0.000	9.184	24.675
SUPERVISORY PERSONNEL	70	0	22	92	6.455	0.000	1.817	8.272
ENGINEERING PERSONNEL	149	0	124	273	7.918	0.000	10.462	18.380
TOTAL	829	0	703	1532	144.327	0.000	111.008	255.335
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	6	0	186	192	1.177	0.000	57.132	58.309
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	3	0	0	3	0.009	0.000	0.000	0.009
SUPERVISORY PERSONNEL	1	0	4	5	0.010	0.000	1.298	1.308
ENGINEERING PERSONNEL	8	0	29	37	0.564	0.000	7.811	8.375
TOTAL	18	0	219	237	1.760	0.000	66.241	68.001
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	135	0	192	327	8.186	0.000	27.432	35.618
OPERATIONS PERSONNEL	12	0	1	13	0.082	0.000	0.060	0.142
HEALTH PHYSICS PERSONNEL	34	0	3	37	0.384	0.000	0.069	0.453
SUPERVISORY PERSONNEL	15	0	6	21	0.155	0.000	0.642	0.797
ENGINEERING PERSONNEL	52	0	26	78	1.521	0.000	1.349	2.870
TOTAL	248	0	228	476	10.328	0.000	29.552	39.880
WASTE PROCESSING								
MAINTENANCE PERSONNEL	1	0	0	1	0.002	0.000	0.000	0.002
OPERATIONS PERSONNEL	33	0	2	35	7.220	0.000	1.732	8.952
HEALTH PHYSICS PERSONNEL	15	0	0	15	0.331	0.000	0.000	0.331
SUPERVISORY PERSONNEL	6	0	0	6	0.050	0.000	0.000	0.050
ENGINEERING PERSONNEL	1	0	5	6	0.042	0.000	0.074	0.116
TOTAL	56	0	7	63	7.645	0.000	1.806	9.451
REFUELING								
MAINTENANCE PERSONNEL	43	0	94	137	0.627	0.000	13.889	14.516
OPERATIONS PERSONNEL	17	0	3	20	0.394	0.000	0.119	0.513
HEALTH PHYSICS PERSONNEL	32	0	18	50	1.823	0.000	0.671	2.494
SUPERVISORY PERSONNEL	8	0	1	9	0.093	0.000	0.002	0.095
ENGINEERING PERSONNEL	17	0	43	60	0.586	0.000	4.642	5.228
TOTAL	117	0	159	276	3.523	0.000	19.323	22.846
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	747	0	1122	1869	120.867	0.000	188.520	309.387
OPERATIONS PERSONNEL	331	0	18	349	45.348	0.000	2.123	47.471
HEALTH PHYSICS PERSONNEL	335	0	119	454	29.420	0.000	11.004	40.424
SUPERVISORY PERSONNEL	159	0	51	210	8.098	0.000	3.805	11.903
ENGINEERING PERSONNEL	404	0	307	711	12.481	0.000	24.642	37.123
GRAND TOTALS	1976	0	1617	3593	216.214	0.000	230.094	446.308

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***NORTH ANNA 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	29	2	2	33	0.834	0.007	0.032	0.873
OPERATIONS PERSONNEL	89	3	11	103	2.964	0.001	0.005	2.970
HEALTH PHYSICS PERSONNEL	22	0	11	33	0.269	0.000	0.031	0.300
SUPERVISORY PERSONNEL	25	6	3	34	0.058	0.037	0.023	0.118
ENGINEERING PERSONNEL	3	1	0	4	0.027	0.001	0.000	0.028
TOTAL	168	12	27	207	4.152	0.046	0.091	4.289
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	246	11	558	815	21.360	0.347	30.247	51.954
OPERATIONS PERSONNEL	169	163	67	399	5.242	0.208	0.373	5.823
HEALTH PHYSICS PERSONNEL	71	9	148	228	7.961	0.126	7.620	15.707
SUPERVISORY PERSONNEL	46	32	9	87	0.689	0.258	0.116	1.063
ENGINEERING PERSONNEL	84	26	33	143	1.678	0.040	0.533	2.251
TOTAL	616	241	815	1672	36.930	0.979	38.889	76.798
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	18	0	20	38	0.207	0.000	0.987	1.194
OPERATIONS PERSONNEL	13	0	1	14	0.796	0.000	0.027	0.823
HEALTH PHYSICS PERSONNEL	12	0	6	18	0.024	0.000	0.056	0.080
SUPERVISORY PERSONNEL	3	0	0	3	0.001	0.000	0.000	0.001
ENGINEERING PERSONNEL	13	0	20	33	0.872	0.000	2.560	3.432
TOTAL	59	0	47	106	1.900	0.000	3.630	5.530
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	143	2	31	176	1.558	0.017	0.856	2.431
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	18	0	0	18	0.064	0.000	0.000	0.064
SUPERVISORY PERSONNEL	4	0	1	5	0.019	0.000	0.004	0.023
ENGINEERING PERSONNEL	10	0	3	13	0.020	0.000	0.005	0.025
TOTAL	175	2	35	212	1.661	0.017	0.865	2.543
WASTE PROCESSING								
MAINTENANCE PERSONNEL	51	2	4	57	0.113	0.001	0.002	0.116
OPERATIONS PERSONNEL	26	0	1	27	0.190	0.002	0.002	0.194
HEALTH PHYSICS PERSONNEL	31	0	2	33	0.321	0.006	0.000	0.327
SUPERVISORY PERSONNEL	2	1	0	3	0.026	0.008	0.000	0.034
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	110	3	7	120	0.650	0.017	0.004	0.671
REFUELING								
MAINTENANCE PERSONNEL	67	3	50	120	6.771	1.008	3.792	11.571
OPERATIONS PERSONNEL	41	10	5	56	1.147	0.083	0.128	1.358
HEALTH PHYSICS PERSONNEL	12	0	36	48	0.453	0.001	1.352	1.806
SUPERVISORY PERSONNEL	7	5	0	12	0.150	0.306	0.000	0.456
ENGINEERING PERSONNEL	3	0	4	7	0.219	0.000	0.150	0.369
TOTAL	130	18	95	243	8.740	1.398	5.422	15.560
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	554	20	665	1239	30.843	1.380	35.916	68.139
OPERATIONS PERSONNEL	338	176	85	599	10.339	0.294	0.535	11.168
HEALTH PHYSICS PERSONNEL	166	9	203	378	9.092	0.133	9.059	18.284
SUPERVISORY PERSONNEL	87	44	13	144	0.943	0.609	0.143	1.695
ENGINEERING PERSONNEL	113	27	60	200	2.816	0.041	3.248	6.105
GRAND TOTALS	1258	276	1026	2560	54.033	2.457	48.901	105.391

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: *OCONEE 1,2,3

TYPE: PWR

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	154	199	198	551	2.306	1.648	0.429	4.383
OPERATIONS PERSONNEL	69	0	28	97	12.326	0.000	0.526	12.852
HEALTH PHYSICS PERSONNEL	28	0	45	73	1.457	0.000	5.106	6.563
SUPERVISORY PERSONNEL	17	2	3	22	1.727	0.002	0.035	1.764
ENGINEERING PERSONNEL	5	0	8	13	0.883	0.000	0.050	0.933
TOTAL	273	201	282	756	18.699	1.650	6.146	26.495
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	155	201	198	554	39.515	29.119	33.487	102.121
OPERATIONS PERSONNEL	65	0	31	96	3.304	0.000	11.703	15.007
HEALTH PHYSICS PERSONNEL	28	0	45	73	3.382	0.000	5.556	8.938
SUPERVISORY PERSONNEL	14	2	3	19	1.319	0.253	0.776	2.348
ENGINEERING PERSONNEL	5	0	8	13	0.231	0.000	0.495	0.726
TOTAL	267	203	285	755	47.751	29.372	52.017	129.140
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	26	82	37	145	0.759	12.057	2.054	14.870
OPERATIONS PERSONNEL	1	0	6	7	0.000	0.000	0.421	0.421
HEALTH PHYSICS PERSONNEL	7	0	19	26	0.028	0.000	0.538	0.566
SUPERVISORY PERSONNEL	6	1	1	8	0.107	0.073	0.004	0.184
ENGINEERING PERSONNEL	3	0	4	7	0.013	0.000	0.268	0.281
TOTAL	43	83	67	193	0.907	12.130	3.285	16.322
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	91	120	117	328	2.959	11.411	7.719	22.089
OPERATIONS PERSONNEL	11	0	19	30	0.057	0.000	0.312	0.369
HEALTH PHYSICS PERSONNEL	14	0	22	36	0.315	0.000	0.789	1.104
SUPERVISORY PERSONNEL	10	0	3	13	0.433	0.000	0.032	0.465
ENGINEERING PERSONNEL	3	0	2	5	0.481	0.000	0.099	0.580
TOTAL	129	120	163	412	4.245	11.411	8.951	24.607
WASTE PROCESSING								
MAINTENANCE PERSONNEL	27	9	6	42	0.737	0.048	0.001	0.786
OPERATIONS PERSONNEL	17	0	29	46	0.591	0.000	0.398	0.989
HEALTH PHYSICS PERSONNEL	16	0	6	22	0.883	0.000	0.002	0.885
SUPERVISORY PERSONNEL	1	0	2	3	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	61	9	43	113	2.211	0.048	0.401	2.660
REFUELING								
MAINTENANCE PERSONNEL	20	45	34	99	1.064	5.440	0.269	6.773
OPERATIONS PERSONNEL	5	0	25	30	0.212	0.000	0.703	0.915
HEALTH PHYSICS PERSONNEL	11	0	21	32	0.010	0.000	0.275	0.285
SUPERVISORY PERSONNEL	2	0	0	2	0.013	0.000	0.000	0.013
ENGINEERING PERSONNEL	3	0	3	6	0.190	0.000	0.087	0.277
TOTAL	41	45	83	169	1.489	5.440	1.334	8.263
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	473	(155)656	(201) 590	(199) 1719	(555) 47.340	59.723	43.959	151.022
OPERATIONS PERSONNEL	168	(69) 0	(0) 138	(31) 306	(100) 16.490	0.000	14.063	30.553
HEALTH PHYSICS PERSONNEL	104	(28) 0	(0) 158	(45) 262	(73) 6.075	0.000	12.266	18.341
SUPERVISORY PERSONNEL	50	(17) 5	(0) 12	(3) 67	(20) 3.599	0.328	0.847	4.774
ENGINEERING PERSONNEL	19	(5) 0	(0) 25	(8) 44	(13) 1.798	0.000	0.999	2.797
GRAND TOTALS	814	(274)661	(201) 923	(286) 2398	(761) 75.302	60.051	72.134	207.487

*Workers may be counted in more than one category. Numbers in parentheses are total numbers of individuals.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***OYSTER CREEK**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM							
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL				
REACTOR OPS & SURV												
MAINTENANCE PERSONNEL	68	1	2	71	1.901	0.001	0.004	1.906				
OPERATIONS PERSONNEL	80	0	0	80	6.445	0.000	0.000	6.445				
HEALTH PHYSICS PERSONNEL	23	0	0	23	0.772	0.000	0.000	0.772				
SUPERVISORY PERSONNEL	5	0	0	5	0.568	0.000	0.000	0.568				
ENGINEERING PERSONNEL	10	0	0	10	0.031	0.000	0.000	0.031				
TOTAL	186	1	2	189	9.717	0.001	0.004	9.722				
ROUTINE MAINTENANCE												
MAINTENANCE PERSONNEL	228	14	68	310	11.425	0.052	0.279	11.756				
OPERATIONS PERSONNEL	152	3	11	166	2.279	0.000	0.020	2.299				
HEALTH PHYSICS PERSONNEL	68	1	1	70	3.554	0.000	0.011	3.565				
SUPERVISORY PERSONNEL	60	3	5	68	0.211	0.053	0.011	0.275				
ENGINEERING PERSONNEL	143	3	13	159	1.858	0.002	0.061	1.921				
TOTAL	651	24	98	773	19.327	0.107	0.382	19.816				
IN-SERVICE INSPECTION												
MAINTENANCE PERSONNEL	24	0	0	24	0.127	0.000	0.000	0.127				
OPERATIONS PERSONNEL	7	0	0	7	0.021	0.000	0.000	0.021				
HEALTH PHYSICS PERSONNEL	3	0	0	3	0.002	0.000	0.000	0.002				
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
ENGINEERING PERSONNEL	8	0	0	8	0.095	0.000	0.000	0.095				
TOTAL	42	0	0	42	0.245	0.000	0.000	0.245				
SPECIAL MAINTENANCE												
MAINTENANCE PERSONNEL	123	7	22	152	12.112	0.821	1.257	14.190				
OPERATIONS PERSONNEL	40	0	1	41	1.493	0.000	0.051	1.544				
HEALTH PHYSICS PERSONNEL	41	0	0	41	2.376	0.000	0.000	2.376				
SUPERVISORY PERSONNEL	6	0	0	6	0.011	0.000	0.000	0.011				
ENGINEERING PERSONNEL	26	0	1	27	0.546	0.000	0.000	0.546				
TOTAL	236	7	24	267	16.538	0.821	1.308	18.667				
WASTE PROCESSING												
MAINTENANCE PERSONNEL	40	0	8	48	1.348	0.000	0.146	1.494				
OPERATIONS PERSONNEL	43	0	2	45	2.118	0.000	0.006	2.124				
HEALTH PHYSICS PERSONNEL	27	0	0	27	0.497	0.000	0.000	0.497				
SUPERVISORY PERSONNEL	8	0	0	8	0.418	0.000	0.000	0.418				
ENGINEERING PERSONNEL	3	0	1	4	0.293	0.000	0.001	0.294				
TOTAL	121	0	11	132	4.674	0.000	0.153	4.827				
REFUELING												
MAINTENANCE PERSONNEL	16	0	2	18	0.649	0.000	0.338	0.987				
OPERATIONS PERSONNEL	15	0	1	16	0.282	0.000	0.271	0.553				
HEALTH PHYSICS PERSONNEL	20	0	1	21	0.437	0.000	0.000	0.437				
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
ENGINEERING PERSONNEL	2	0	1	3	0.004	0.000	0.197	0.201				
TOTAL	53	0	5	58	1.372	0.000	0.806	2.178				
TOTAL BY JOB FUNCTION												
MAINTENANCE PERSONNEL	499	(249)	22	(16)	102	(77)	623	(342)	27.562	0.874	2.024	30.460
OPERATIONS PERSONNEL	337	(205)	3	(3)	15	(12)	355	(220)	12.638	0.000	0.348	12.986
HEALTH PHYSICS PERSONNEL	182	(76)	1	(1)	2	(1)	185	(78)	7.638	0.000	0.011	7.649
SUPERVISORY PERSONNEL	79	(61)	3	(3)	5	(5)	87	(69)	1.208	0.053	0.011	1.272
ENGINEERING PERSONNEL	192	(147)	3	(3)	16	(13)	211	(163)	2.827	0.002	0.259	3.088
GRAND TOTALS	1289	(738)	32	(26)	140	(108)	1461	(872)	51.873	0.929	2.653	55.455

*Workers may be counted in more than one category. Numbers in parentheses are total numbers of individuals.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***PALISADES**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	0	0	1.477	0.056	0.108	1.641
OPERATIONS PERSONNEL	32	0	0	32	8.508	0.002	0.296	8.806
HEALTH PHYSICS PERSONNEL	22	0	4	26	4.527	0.000	1.251	5.778
SUPERVISORY PERSONNEL	1	0	0	1	0.603	0.000	0.016	0.619
ENGINEERING PERSONNEL	1	0	1	2	1.398	0.036	0.603	2.037
TOTAL	56	0	5	61	16.513	0.094	2.274	18.881
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	50	5	3	58	14.414	1.272	0.962	16.648
OPERATIONS PERSONNEL	2	0	0	2	0.441	0.000	0.005	0.446
HEALTH PHYSICS PERSONNEL	17	0	2	19	4.653	0.000	1.103	5.756
SUPERVISORY PERSONNEL	2	0	0	2	0.521	0.000	0.011	0.532
ENGINEERING PERSONNEL	0	0	0	0	0.607	0.207	0.098	0.912
TOTAL	71	5	5	81	20.636	1.479	2.179	24.294
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	1	1	0.059	0.001	0.142	0.202
OPERATIONS PERSONNEL	0	0	0	0	0.052	0.000	0.000	0.052
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.078	0.000	0.000	0.078
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	1	1	0.058	0.000	0.189	0.247
TOTAL	0	0	2	2	0.247	0.001	0.331	0.579
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.222	0.011	0.066	0.299
OPERATIONS PERSONNEL	1	0	0	1	0.285	0.000	0.004	0.289
HEALTH PHYSICS PERSONNEL	9	0	1	10	2.772	0.000	0.489	3.261
SUPERVISORY PERSONNEL	1	0	0	1	0.489	0.000	0.004	0.493
ENGINEERING PERSONNEL	0	0	0	0	0.054	0.000	0.004	0.058
TOTAL	11	0	1	12	3.822	0.011	0.567	4.400
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	50	5	4	59	16.172	1.340	1.278	18.790
OPERATIONS PERSONNEL	35	0	0	35	9.286	0.002	0.305	9.593
HEALTH PHYSICS PERSONNEL	48	0	7	55	12.030	0.000	2.843	14.873
SUPERVISORY PERSONNEL	4	0	0	4	1.613	0.000	0.031	1.644
ENGINEERING PERSONNEL	1	0	2	3	2.117	0.243	0.894	3.254
GRAND TOTALS	138	5	13	156	41.218	1.585	5.351	48.154

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***PALO VERDE 1,2,3**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	2	0	2	4	0.958	0.000	0.715	1.673
OPERATIONS PERSONNEL	11	0	0	11	6.185	0.000	0.170	6.355
HEALTH PHYSICS PERSONNEL	48	0	19	67	14.485	0.000	6.683	21.168
SUPERVISORY PERSONNEL	5	0	0	5	1.863	0.000	0.123	1.986
ENGINEERING PERSONNEL	1	0	0	1	1.032	0.000	0.010	1.042
TOTAL	67	0	21	88	24.523	0.000	7.701	32.224
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	111	0	212	323	40.343	0.000	71.303	111.646
OPERATIONS PERSONNEL	29	0	0	29	13.689	0.000	0.032	13.721
HEALTH PHYSICS PERSONNEL	46	0	61	107	16.418	0.000	19.231	35.649
SUPERVISORY PERSONNEL	27	0	2	29	10.108	0.000	0.847	10.955
ENGINEERING PERSONNEL	19	0	20	39	8.468	0.000	6.226	14.694
TOTAL	232	0	295	527	89.026	0.000	97.639	186.665
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	1	0	24	25	0.601	0.000	9.309	9.910
OPERATIONS PERSONNEL	2	0	1	3	1.048	0.000	0.500	1.548
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.570	0.000	0.461	1.031
SUPERVISORY PERSONNEL	0	0	0	0	0.106	0.000	0.000	0.106
ENGINEERING PERSONNEL	1	0	6	7	0.668	0.000	1.861	2.529
TOTAL	4	0	31	35	2.993	0.000	12.131	15.124
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.071	0.000	0.988	1.059
OPERATIONS PERSONNEL	0	0	0	0	0.008	0.000	0.010	0.018
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.013	0.000	0.331	0.344
SUPERVISORY PERSONNEL	0	0	0	0	0.015	0.000	0.003	0.018
ENGINEERING PERSONNEL	0	0	0	0	0.036	0.000	0.505	0.541
TOTAL	0	0	0	0	0.143	0.000	1.837	1.980
WASTE PROCESSING								
MAINTENANCE PERSONNEL	2	0	0	2	0.681	0.000	0.076	0.757
OPERATIONS PERSONNEL	1	0	0	1	0.418	0.000	0.000	0.418
HEALTH PHYSICS PERSONNEL	10	0	2	12	5.160	0.000	0.874	6.034
SUPERVISORY PERSONNEL	1	0	0	1	0.184	0.000	0.016	0.200
ENGINEERING PERSONNEL	0	0	0	0	0.027	0.000	0.003	0.030
TOTAL	14	0	2	16	6.470	0.000	0.969	7.439
REFUELING								
MAINTENANCE PERSONNEL	18	0	7	25	7.168	0.000	2.234	9.402
OPERATIONS PERSONNEL	5	0	0	5	1.804	0.000	0.000	1.804
HEALTH PHYSICS PERSONNEL	3	0	6	9	0.862	0.000	1.128	1.990
SUPERVISORY PERSONNEL	3	0	0	3	1.180	0.000	0.000	1.180
ENGINEERING PERSONNEL	6	0	0	6	1.651	0.000	0.076	1.727
TOTAL	35	0	13	48	12.665	0.000	3.438	16.103
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	134	0	245	379	49.822	0.000	84.625	134.447
OPERATIONS PERSONNEL	48	0	1	49	23.152	0.000	0.712	23.864
HEALTH PHYSICS PERSONNEL	107	0	88	195	37.508	0.000	28.708	66.216
SUPERVISORY PERSONNEL	36	0	2	38	13.456	0.000	0.989	14.445
ENGINEERING PERSONNEL	27	0	26	53	11.882	0.000	8.681	20.563
GRAND TOTALS	352	0	362	714	135.820	0.000	123.715	259.535

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***PEACH BOTTOM 2,3**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	474	396	676	1546	56.910	25.683	60.520	143.113
OPERATIONS PERSONNEL	97	34	81	212	2.072	0.826	2.485	5.383
HEALTH PHYSICS PERSONNEL	38	8	11	57	4.196	0.218	1.479	5.893
SUPERVISORY PERSONNEL	10	11	23	44	0.049	0.051	0.232	0.332
ENGINEERING PERSONNEL	<u>55</u>	<u>65</u>	<u>20</u>	<u>140</u>	<u>1.186</u>	<u>1.129</u>	<u>0.825</u>	<u>3.140</u>
TOTAL	674	514	811	1999	64.413	27.907	65.541	157.861
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	14	10	74	98	0.651	0.403	1.670	2.724
OPERATIONS PERSONNEL	0	0	2	2	0.000	0.000	0.009	0.009
HEALTH PHYSICS PERSONNEL	1	0	0	1	0.013	0.000	0.000	0.013
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>
TOTAL	15	10	76	101	0.664	0.403	1.679	2.746
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	7	21	226	254	0.953	1.059	21.443	23.455
OPERATIONS PERSONNEL	3	1	9	13	1.126	0.005	0.949	2.080
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	<u>1</u>	<u>1</u>	<u>1</u>	<u>3</u>	<u>0.044</u>	<u>0.008</u>	<u>0.161</u>	<u>0.213</u>
TOTAL	11	23	236	270	2.123	1.072	22.553	25.748
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	111	136	335	582	11.531	16.377	53.256	81.164
OPERATIONS PERSONNEL	7	3	19	29	0.394	0.098	5.133	5.625
HEALTH PHYSICS PERSONNEL	4	1	1	6	0.153	0.003	0.046	0.202
SUPERVISORY PERSONNEL	2	1	1	4	0.045	0.007	0.045	0.097
ENGINEERING PERSONNEL	<u>4</u>	<u>12</u>	<u>8</u>	<u>24</u>	<u>0.080</u>	<u>0.144</u>	<u>0.298</u>	<u>0.522</u>
TOTAL	128	153	364	645	12.203	16.629	58.778	87.610
WASTE PROCESSING								
MAINTENANCE PERSONNEL	2	1	12	15	0.078	0.006	1.579	1.663
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>
TOTAL	2	1	12	15	0.078	0.006	1.579	1.663
REFUELING								
MAINTENANCE PERSONNEL	280	350	642	1272	38.516	60.532	94.539	193.587
OPERATIONS PERSONNEL	42	24	30	96	4.452	1.762	4.229	10.443
HEALTH PHYSICS PERSONNEL	23	3	6	32	3.556	0.191	1.818	5.565
SUPERVISORY PERSONNEL	8	3	2	13	1.277	0.225	0.135	1.637
ENGINEERING PERSONNEL	<u>32</u>	<u>34</u>	<u>12</u>	<u>78</u>	<u>1.331</u>	<u>1.310</u>	<u>0.807</u>	<u>3.448</u>
TOTAL	385	414	692	1491	49.132	64.020	101.528	214.680
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	888	(608)914 (514)	1965	(1148) 3767 (2270)	108.639	104.060	233.007	445.706
OPERATIONS PERSONNEL	149	(192) 62 (88)	141	(121) 352 (401)	8.044	2.691	12.805	23.540
HEALTH PHYSICS PERSONNEL	66	(44) 12 (10)	18	(11) 96 (65)	7.918	0.412	3.343	11.673
SUPERVISORY PERSONNEL	20	(20) 15 (14)	26	(65) 61 (99)	1.371	0.283	0.412	2.066
ENGINEERING PERSONNEL	92	(134)112 (157)	41	(61) 245 (352)	2.641	2.591	2.091	7.323
GRAND TOTALS	1215	(998)115 (783)	2191	(1406) 4521 (3187)	128.613	110.037	251.658	490.308

*Workers may be counted in more than one category. Numbers in parentheses are total numbers of individuals.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***PERRY**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	115	23	85	223	0.583	0.021	0.523	1.127
OPERATIONS PERSONNEL	156	32	8	196	20.233	0.654	0.122	21.009
HEALTH PHYSICS PERSONNEL	52	9	91	152	5.973	2.885	10.354	19.212
SUPERVISORY PERSONNEL	5	4	6	15	0.006	0.049	0.075	0.130
ENGINEERING PERSONNEL	26	70	15	111	0.679	0.989	0.165	1.833
TOTAL	354	138	205	697	27.474	4.598	11.239	43.311
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	215	116	1213	1544	26.029	8.989	102.649	137.667
OPERATIONS PERSONNEL	260	93	86	439	6.210	4.102	6.711	17.023
HEALTH PHYSICS PERSONNEL	56	12	76	144	6.478	0.684	5.993	13.155
SUPERVISORY PERSONNEL	19	18	63	100	0.241	0.510	0.815	1.566
ENGINEERING PERSONNEL	72	147	81	300	1.215	3.349	2.131	6.695
TOTAL	622	386	1519	2527	40.173	17.634	118.299	176.106
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	36	7	387	430	1.041	0.181	24.681	25.903
OPERATIONS PERSONNEL	16	8	14	38	0.075	0.570	1.603	2.248
HEALTH PHYSICS PERSONNEL	14	2	25	41	0.249	0.027	0.726	1.002
SUPERVISORY PERSONNEL	1	1	4	6	0.006	0.454	0.334	0.794
ENGINEERING PERSONNEL	11	28	22	61	0.066	1.915	2.190	4.171
TOTAL	78	46	452	576	1.437	3.147	29.534	34.118
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	47	28	359	434	0.820	0.156	18.185	19.161
OPERATIONS PERSONNEL	25	9	11	45	0.234	0.024	0.858	1.116
HEALTH PHYSICS PERSONNEL	27	2	21	50	0.932	0.004	1.220	2.156
SUPERVISORY PERSONNEL	1	2	10	13	0.000	0.000	0.189	0.189
ENGINEERING PERSONNEL	7	22	12	41	0.018	0.576	0.035	0.629
TOTAL	107	63	413	583	2.004	0.760	20.487	23.251
WASTE PROCESSING								
MAINTENANCE PERSONNEL	95	37	142	274	0.069	0.006	0.034	0.109
OPERATIONS PERSONNEL	84	39	42	165	2.179	1.341	0.493	4.013
HEALTH PHYSICS PERSONNEL	36	6	21	63	0.471	0.748	0.103	1.322
SUPERVISORY PERSONNEL	4	0	6	10	0.001	0.000	0.000	0.001
ENGINEERING PERSONNEL	9	12	1	22	0.026	0.001	0.000	0.027
TOTAL	228	94	212	534	2.746	2.096	0.630	5.472
REFUELING								
MAINTENANCE PERSONNEL	28	12	186	226	0.166	0.048	17.096	17.310
OPERATIONS PERSONNEL	21	15	27	63	0.556	0.384	1.140	2.080
HEALTH PHYSICS PERSONNEL	26	2	20	48	0.213	0.002	0.925	1.140
SUPERVISORY PERSONNEL	4	2	4	10	0.001	0.002	0.083	0.086
ENGINEERING PERSONNEL	8	18	7	33	0.119	0.107	0.134	0.360
TOTAL	87	49	244	380	1.055	0.543	19.378	20.976
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	536	223	2372	3131	28.708	9.401	163.168	201.277
OPERATIONS PERSONNEL	562	196	188	946	29.487	7.075	10.927	47.489
HEALTH PHYSICS PERSONNEL	211	33	254	498	14.316	4.350	19.321	37.987
SUPERVISORY PERSONNEL	34	27	93	154	0.255	1.015	1.496	2.766
ENGINEERING PERSONNEL	133	297	138	568	2.123	6.937	4.655	13.715
GRAND TOTALS	1476	776	3045	5297	74.889	28.778	199.567	303.234

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***PILGRIM**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	46	10	43	99	2.495	0.108	1.604	4.207
OPERATIONS PERSONNEL	69	2	74	145	33.327	0.370	2.574	36.271
HEALTH PHYSICS PERSONNEL	17	0	9	26	0.541	0.000	0.104	0.645
SUPERVISORY PERSONNEL	23	3	5	31	1.441	0.226	0.136	1.803
ENGINEERING PERSONNEL	18	1	5	24	1.995	0.051	0.348	2.394
TOTAL	173	16	136	325	39.799	0.755	4.766	45.320
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	168	58	914	1140	61.070	11.788	115.420	188.278
OPERATIONS PERSONNEL	100	7	125	232	11.485	0.041	6.426	17.952
HEALTH PHYSICS PERSONNEL	46	3	120	169	15.322	0.087	23.790	39.199
SUPERVISORY PERSONNEL	108	15	81	204	13.429	1.027	1.760	16.216
ENGINEERING PERSONNEL	114	27	120	261	6.072	0.931	8.049	15.052
TOTAL	536	110	1360	2006	107.378	13.874	155.445	276.697
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	42	7	291	340	3.036	0.226	53.175	56.437
OPERATIONS PERSONNEL	21	0	3	24	1.246	0.000	0.153	1.399
HEALTH PHYSICS PERSONNEL	10	0	9	19	0.799	0.000	0.306	1.105
SUPERVISORY PERSONNEL	9	4	7	20	0.232	0.038	1.423	1.693
ENGINEERING PERSONNEL	19	2	26	47	1.418	0.166	5.339	6.923
TOTAL	101	13	336	450	6.731	0.430	60.396	67.557
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	75	13	469	557	5.943	1.123	118.139	125.205
OPERATIONS PERSONNEL	23	1	13	37	0.594	0.002	0.263	0.859
HEALTH PHYSICS PERSONNEL	11	0	26	37	0.998	0.000	4.164	5.162
SUPERVISORY PERSONNEL	25	6	27	58	0.799	0.123	8.138	9.060
ENGINEERING PERSONNEL	29	8	36	73	1.151	0.253	7.920	9.324
TOTAL	163	28	571	762	9.485	1.501	138.624	149.610
WASTE PROCESSING								
MAINTENANCE PERSONNEL	28	6	13	47	0.230	0.024	0.090	0.344
OPERATIONS PERSONNEL	20	1	3	24	1.757	0.120	0.475	2.352
HEALTH PHYSICS PERSONNEL	18	0	8	26	0.266	0.000	0.073	0.339
SUPERVISORY PERSONNEL	1	0	0	1	0.145	0.000	0.000	0.145
ENGINEERING PERSONNEL	2	0	1	3	0.243	0.000	0.047	0.290
TOTAL	69	7	25	101	2.641	0.144	0.685	3.470
REFUELING								
MAINTENANCE PERSONNEL	53	35	126	214	3.408	9.034	14.011	26.453
OPERATIONS PERSONNEL	38	1	7	46	0.695	0.001	0.757	1.453
HEALTH PHYSICS PERSONNEL	10	0	34	44	0.791	0.000	5.435	6.226
SUPERVISORY PERSONNEL	23	3	9	35	1.289	0.002	0.426	1.717
ENGINEERING PERSONNEL	23	3	26	52	1.652	0.079	3.993	5.724
TOTAL	147	42	202	391	7.835	9.116	24.622	41.573
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	412	129	1856	2397	76.182	22.303	302.439	400.924
OPERATIONS PERSONNEL	271	12	225	508	49.104	0.534	10.648	60.286
HEALTH PHYSICS PERSONNEL	112	3	206	321	18.717	0.087	33.872	52.676
SUPERVISORY PERSONNEL	189	31	129	349	17.335	1.416	11.883	30.634
ENGINEERING PERSONNEL	205	41	214	460	12.531	1.480	25.696	39.707
GRAND TOTALS	1189	216	2630	4035	173.869	25.820	384.538	584.227

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***POINT BEACH 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.700	0.700
OPERATIONS PERSONNEL	41	0	0	41	9.180	0.000	7.986	17.166
HEALTH PHYSICS PERSONNEL	41	5	23	69	3.450	0.600	0.140	4.190
SUPERVISORY PERSONNEL	1	0	0	1	1.080	0.000	1.170	2.250
ENGINEERING PERSONNEL	5	3	1	9	2.210	1.063	0.000	3.273
TOTAL	88	8	24	120	15.920	1.663	9.996	27.579
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	46	20	5	71	16.090	6.040	0.800	22.930
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	2	0	0	2	0.700	0.000	0.000	0.700
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	48	20	5	73	16.790	6.040	0.800	23.630
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	1	5	6	0.000	0.600	5.540	6.140
TOTAL	0	1	5	6	0.000	0.600	5.540	6.140
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	69	69	0.000	0.000	26.670	26.670
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	1	1	0.000	0.000	0.390	0.390
SUPERVISORY PERSONNEL	0	0	4	4	0.000	0.000	2.080	2.080
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	74	74	0.000	0.000	29.140	29.140
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.430	0.430
OPERATIONS PERSONNEL	0	0	0	0	0.280	0.000	0.000	0.280
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.150	0.000	0.710	0.860
SUPERVISORY PERSONNEL	1	0	0	1	0.200	0.000	0.000	0.200
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	1	0	0	1	0.630	0.000	1.140	1.770
REFUELING								
MAINTENANCE PERSONNEL	18	0	0	18	2.550	0.000	0.000	2.550
OPERATIONS PERSONNEL	5	0	0	5	0.730	0.000	0.000	0.730
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.470	0.000	0.000	0.470
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	23	0	0	23	3.750	0.000	0.000	3.750
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	64	20	74	158	18.640	6.040	28.600	53.280
OPERATIONS PERSONNEL	46	0	0	46	10.190	0.000	7.986	18.176
HEALTH PHYSICS PERSONNEL	41	5	24	70	3.600	0.600	1.240	5.440
SUPERVISORY PERSONNEL	4	0	4	8	2.450	0.000	3.250	5.700
ENGINEERING PERSONNEL	5	4	6	15	2.210	1.663	5.540	9.413
GRAND TOTALS	160	29	108	297	37.090	8.303	46.616	92.009

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***PRAIRIE ISLAND 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	0	0	0.287	0.075	0.047	0.409
OPERATIONS PERSONNEL	2	0	0	2	2.724	0.000	0.000	2.724
HEALTH PHYSICS PERSONNEL	11	0	19	30	2.956	0.000	5.304	8.260
SUPERVISORY PERSONNEL	5	0	0	5	2.008	0.023	0.161	2.192
ENGINEERING PERSONNEL	3	0	0	3	1.389	0.000	0.000	1.389
TOTAL	21	0	19	40	9.364	0.098	5.512	14.974
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	19	25	7	51	5.934	8.429	1.240	15.603
OPERATIONS PERSONNEL	0	0	0	0	0.020	0.000	0.000	0.020
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.168	0.000	0.205	0.373
SUPERVISORY PERSONNEL	2	0	4	6	0.782	0.046	0.914	1.742
ENGINEERING PERSONNEL	3	0	0	3	1.000	0.000	0.000	1.000
TOTAL	24	25	11	60	7.904	8.475	2.359	18.738
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	13	58	23	94	4.640	23.541	9.496	37.677
OPERATIONS PERSONNEL	0	0	0	0	0.216	0.000	0.000	0.216
HEALTH PHYSICS PERSONNEL	2	0	10	12	0.472	0.000	1.980	2.452
SUPERVISORY PERSONNEL	3	0	43	46	1.578	0.150	13.739	15.467
ENGINEERING PERSONNEL	0	0	0	0	0.099	0.000	0.084	0.183
TOTAL	18	58	76	152	7.005	23.691	25.299	55.995
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	10	11	10	31	2.707	4.821	3.179	10.707
OPERATIONS PERSONNEL	0	0	0	0	0.186	0.000	0.000	0.186
HEALTH PHYSICS PERSONNEL	0	0	1	1	0.403	0.230	1.518	2.151
SUPERVISORY PERSONNEL	2	0	59	61	0.971	0.000	29.130	30.101
ENGINEERING PERSONNEL	2	0	0	2	0.252	0.000	0.000	0.252
TOTAL	14	11	70	95	4.519	5.051	33.827	43.397
WASTE PROCESSING								
MAINTENANCE PERSONNEL	6	0	1	7	2.816	0.229	0.331	3.376
OPERATIONS PERSONNEL	1	0	0	1	0.317	0.000	0.000	0.317
HEALTH PHYSICS PERSONNEL	2	0	0	2	0.792	0.000	0.036	0.828
SUPERVISORY PERSONNEL	0	0	0	0	0.227	0.050	0.004	0.281
ENGINEERING PERSONNEL	0	0	0	0	0.018	0.000	0.000	0.018
TOTAL	9	0	1	10	4.170	0.279	0.371	4.820
REFUELING								
MAINTENANCE PERSONNEL	26	58	0	84	10.581	17.918	0.035	28.534
OPERATIONS PERSONNEL	15	0	0	15	4.355	0.000	0.000	4.355
HEALTH PHYSICS PERSONNEL	0	0	3	3	0.144	0.000	0.556	0.700
SUPERVISORY PERSONNEL	2	0	0	2	1.075	0.025	0.016	1.116
ENGINEERING PERSONNEL	1	0	0	1	0.124	0.000	0.000	0.124
TOTAL	44	58	3	105	16.279	17.943	0.607	34.829
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	74	152	41	267	26.965	55.013	14.328	96.306
OPERATIONS PERSONNEL	18	0	0	18	7.818	0.000	0.000	7.818
HEALTH PHYSICS PERSONNEL	15	0	33	48	4.935	0.230	9.599	14.764
SUPERVISORY PERSONNEL	14	0	106	120	6.641	0.294	43.964	50.899
ENGINEERING PERSONNEL	9	0	0	9	2.882	0.000	0.084	2.966
GRAND TOTALS	130	152	180	462	49.241	55.537	67.975	172.753

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***QUAD CITIES 1,2**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	7	6	14	27	4.438	0.306	3.554	8.298
OPERATIONS PERSONNEL	109	0	190	299	30.721	0.000	18.500	49.221
HEALTH PHYSICS PERSONNEL	47	0	43	90	18.029	0.000	7.097	25.126
SUPERVISORY PERSONNEL	111	0	35	146	10.192	0.000	1.577	11.769
ENGINEERING PERSONNEL	39	0	7	46	1.974	0.000	0.287	2.261
TOTAL	313	6	289	608	65.354	0.306	31.015	96.675
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	154	173	996	1323	92.063	8.332	247.436	347.831
OPERATIONS PERSONNEL	31	0	2	33	8.678	0.000	0.168	8.846
HEALTH PHYSICS PERSONNEL	32	0	70	102	12.179	0.000	11.668	23.847
SUPERVISORY PERSONNEL	156	0	154	310	14.190	0.000	6.936	21.126
ENGINEERING PERSONNEL	94	0	161	255	4.724	0.000	6.414	11.138
TOTAL	467	173	1383	2023	131.834	8.332	272.622	412.788
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	1	26	211	238	0.626	1.256	52.406	54.288
OPERATIONS PERSONNEL	1	0	0	1	0.251	0.000	0.000	0.251
HEALTH PHYSICS PERSONNEL	2	0	4	6	0.911	0.000	0.689	1.600
SUPERVISORY PERSONNEL	3	0	6	9	0.252	0.000	0.270	0.522
ENGINEERING PERSONNEL	59	0	34	93	2.961	0.000	1.346	4.307
TOTAL	66	26	255	347	5.001	1.256	54.711	60.968
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	3	21	230	254	1.689	1.008	57.113	59.810
OPERATIONS PERSONNEL	0	0	0	0	0.046	0.000	0.010	0.056
HEALTH PHYSICS PERSONNEL	1	0	5	6	0.433	0.000	0.839	1.272
SUPERVISORY PERSONNEL	4	0	17	21	0.375	0.000	0.748	1.123
ENGINEERING PERSONNEL	7	0	19	26	0.334	0.000	0.775	1.109
TOTAL	15	21	271	307	2.877	1.008	59.485	63.370
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	6	6	0.057	0.000	1.495	1.552
OPERATIONS PERSONNEL	11	0	11	22	3.198	0.000	1.039	4.237
HEALTH PHYSICS PERSONNEL	4	0	0	4	1.670	0.000	0.031	1.701
SUPERVISORY PERSONNEL	18	0	3	21	1.679	0.000	0.144	1.823
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	33	0	20	53	6.604	0.000	2.709	9.313
REFUELING								
MAINTENANCE PERSONNEL	14	5	2	21	8.386	0.260	0.598	9.244
OPERATIONS PERSONNEL	3	0	0	3	0.949	0.000	0.000	0.949
HEALTH PHYSICS PERSONNEL	3	0	0	3	1.075	0.000	0.000	1.075
SUPERVISORY PERSONNEL	9	0	0	9	0.836	0.000	0.000	0.836
ENGINEERING PERSONNEL	1	0	5	6	0.033	0.000	0.191	0.224
TOTAL	30	5	7	42	11.279	0.260	0.789	12.328
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	179	231	1459	1869	107.259	11.162	362.602	481.023
OPERATIONS PERSONNEL	155	0	203	358	43.843	0.000	19.717	63.560
HEALTH PHYSICS PERSONNEL	89	0	122	211	34.297	0.000	20.324	54.621
SUPERVISORY PERSONNEL	301	0	215	516	27.524	0.000	9.675	37.199
ENGINEERING PERSONNEL	200	0	226	426	10.026	0.000	9.013	19.039
GRAND TOTALS	924	231	2225	3380	222.949	11.162	421.331	655.442

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: *RANCHO SECO

TYPE: PWR

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	4	0	3	7	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	48	0	3	51	0.105	0.000	0.000	0.105
HEALTH PHYSICS PERSONNEL	19	0	12	31	0.314	0.000	0.033	0.347
SUPERVISORY PERSONNEL	14	1	2	17	0.004	0.000	0.000	0.004
ENGINEERING PERSONNEL	18	2	29	49	0.004	0.000	0.008	0.012
TOTAL	103	3	49	155	0.427	0.000	0.041	0.468
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	22	1	25	48	0.100	0.001	0.110	0.211
OPERATIONS PERSONNEL	8	0	1	9	0.005	0.000	0.000	0.005
HEALTH PHYSICS PERSONNEL	9	1	5	15	0.000	0.000	0.005	0.005
SUPERVISORY PERSONNEL	5	0	1	6	0.002	0.000	0.000	0.002
ENGINEERING PERSONNEL	6	0	8	14	0.001	0.000	0.002	0.003
TOTAL	50	2	40	92	0.108	0.001	0.117	0.226
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
WASTE PROCESSING								
MAINTENANCE PERSONNEL	15	0	11	26	0.093	0.000	0.037	0.130
OPERATIONS PERSONNEL	5	0	0	5	0.001	0.000	0.000	0.001
HEALTH PHYSICS PERSONNEL	8	0	9	17	0.113	0.000	0.100	0.213
SUPERVISORY PERSONNEL	2	0	1	3	0.046	0.000	0.000	0.046
ENGINEERING PERSONNEL	5	0	4	9	0.004	0.000	0.005	0.009
TOTAL	35	0	25	60	0.257	0.000	0.142	0.399
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	41	1	39	81	0.193	0.001	0.147	0.341
OPERATIONS PERSONNEL	61	0	4	65	0.111	0.000	0.000	0.111
HEALTH PHYSICS PERSONNEL	36	1	26	63	0.427	0.000	0.138	0.565
SUPERVISORY PERSONNEL	21	1	4	26	0.052	0.000	0.000	0.052
ENGINEERING PERSONNEL	29	2	41	72	0.009	0.000	0.015	0.024
GRAND TOTALS	188	5	114	307	0.792	0.001	0.300	1.093

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***RIVER BEND 1**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	2	0	7	9	0.924	0.055	1.196	2.175
OPERATIONS PERSONNEL	49	2	0	51	17.988	0.193	0.000	18.181
HEALTH PHYSICS PERSONNEL	24	6	27	57	10.578	1.260	7.540	19.378
SUPERVISORY PERSONNEL	1	0	6	7	0.239	0.000	0.692	0.931
ENGINEERING PERSONNEL	<u>12</u>	<u>2</u>	<u>2</u>	<u>16</u>	<u>1.880</u>	<u>0.226</u>	<u>0.160</u>	<u>2.266</u>
TOTAL	88	10	42	140	31.609	1.734	9.588	42.931
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	25	15	59	99	10.665	4.749	17.838	33.252
OPERATIONS PERSONNEL	0	0	0	0	0.005	0.000	0.000	0.005
HEALTH PHYSICS PERSONNEL	1	0	3	4	0.647	0.000	1.503	2.150
SUPERVISORY PERSONNEL	0	0	0	0	0.001	0.000	0.001	0.002
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.093</u>	<u>0.017</u>	<u>0.001</u>	<u>0.111</u>
TOTAL	26	15	62	103	11.411	4.766	19.343	35.520
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	10	2	11	23	2.593	0.123	2.781	5.497
OPERATIONS PERSONNEL	1	0	0	1	1.047	0.090	0.000	1.137
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.257	0.019	0.076	0.352
SUPERVISORY PERSONNEL	1	0	1	2	0.263	0.000	0.101	0.364
ENGINEERING PERSONNEL	<u>10</u>	<u>3</u>	<u>18</u>	<u>31</u>	<u>1.543</u>	<u>0.370</u>	<u>4.838</u>	<u>6.751</u>
TOTAL	22	5	30	57	5.703	0.602	7.796	14.101
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	58	28	238	324	42.166	9.403	84.716	136.285
OPERATIONS PERSONNEL	1	0	12	13	1.443	0.000	4.171	5.614
HEALTH PHYSICS PERSONNEL	5	2	9	16	5.426	0.248	3.863	9.537
SUPERVISORY PERSONNEL	1	0	0	1	0.514	0.000	0.004	0.518
ENGINEERING PERSONNEL	<u>4</u>	<u>1</u>	<u>5</u>	<u>10</u>	<u>1.715</u>	<u>0.209</u>	<u>1.638</u>	<u>3.562</u>
TOTAL	69	31	264	364	51.264	9.860	94.392	155.516
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	2	2	0.033	0.000	0.995	1.028
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	3	1	0	4	1.942	0.140	0.126	2.208
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>
TOTAL	3	1	2	6	1.975	0.140	1.121	3.236
REFUELING								
MAINTENANCE PERSONNEL	7	10	35	52	1.273	1.607	9.767	12.647
OPERATIONS PERSONNEL	5	0	0	5	0.935	0.000	0.000	0.935
HEALTH PHYSICS PERSONNEL	2	4	2	8	1.453	0.908	0.390	2.751
SUPERVISORY PERSONNEL	4	0	1	5	0.761	0.000	0.221	0.982
ENGINEERING PERSONNEL	<u>11</u>	<u>9</u>	<u>18</u>	<u>38</u>	<u>1.830</u>	<u>1.429</u>	<u>4.703</u>	<u>7.962</u>
TOTAL	29	23	56	108	6.252	3.944	15.081	25.277
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	102	55	352	509	57.654	15.937	117.293	190.884
OPERATIONS PERSONNEL	56	2	12	70	21.418	0.283	4.171	25.872
HEALTH PHYSICS PERSONNEL	35	13	41	89	20.303	2.575	13.498	36.376
SUPERVISORY PERSONNEL	7	0	8	15	1.778	0.000	1.019	2.797
ENGINEERING PERSONNEL	37	15	43	95	7.061	2.251	11.340	20.652
GRAND TOTALS	237	85	456	778	108.214	21.046	147.321	276.581

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***ROBINSON 2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	4	0	0	4	0.557	0.000	0.000	0.557
OPERATIONS PERSONNEL	6	0	0	6	0.775	0.000	0.000	0.775
HEALTH PHYSICS PERSONNEL	10	0	0	10	1.563	0.000	0.000	1.563
SUPERVISORY PERSONNEL	1	0	0	1	0.114	0.000	0.000	0.114
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	21	0	0	21	3.009	0.000	0.000	3.009
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	2	0	2	4	0.216	0.000	0.255	0.471
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	2	0	2	4	0.216	0.000	0.255	0.471
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
WASTE PROCESSING								
MAINTENANCE PERSONNEL	2	0	2	4	0.307	0.000	0.241	0.548
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	3	0	0	3	0.411	0.000	0.000	0.411
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	5	0	2	7	0.718	0.000	0.241	0.959
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	8	0	4	12	1.080	0.000	0.496	1.576
OPERATIONS PERSONNEL	6	0	0	6	0.775	0.000	0.000	0.775
HEALTH PHYSICS PERSONNEL	13	0	0	13	1.974	0.000	0.000	1.974
SUPERVISORY PERSONNEL	1	0	0	1	0.114	0.000	0.000	0.114
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
GRAND TOTALS	28	0	4	32	3.943	0.000	0.496	4.439

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: *SALEM 1,2

TYPE: PWR

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.048	0.000	0.048
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.016	0.000	0.016
HEALTH PHYSICS PERSONNEL	0	2	0	2	0.012	0.372	0.072	0.456
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	2	0	2	0.012	0.436	0.072	0.520
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	7	1	28	36	4.353	2.663	18.538	25.554
OPERATIONS PERSONNEL	3	0	15	18	0.825	3.362	6.974	11.161
HEALTH PHYSICS PERSONNEL	1	0	12	13	1.660	0.093	4.023	5.776
SUPERVISORY PERSONNEL	0	0	0	0	0.055	0.145	0.013	0.213
ENGINEERING PERSONNEL	0	0	0	0	0.065	0.578	0.020	0.663
TOTAL	11	1	55	67	6.958	6.841	29.568	43.367
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	3	3	0.243	0.177	1.201	1.621
OPERATIONS PERSONNEL	0	0	3	3	0.045	0.411	1.216	1.672
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.103	0.000	0.155	0.258
SUPERVISORY PERSONNEL	0	0	0	0	0.012	0.002	0.037	0.051
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.099	0.054	0.153
TOTAL	0	0	6	6	0.403	0.689	2.663	3.755
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	1	0	216	217	0.370	0.387	81.444	82.201
OPERATIONS PERSONNEL	0	1	59	60	0.056	0.298	21.428	21.782
HEALTH PHYSICS PERSONNEL	0	0	5	5	0.342	0.005	2.605	2.952
SUPERVISORY PERSONNEL	0	0	0	0	0.013	0.001	0.277	0.291
ENGINEERING PERSONNEL	0	1	1	2	0.000	0.420	0.310	0.730
TOTAL	1	2	281	284	0.781	1.111	106.064	107.956
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	11	11	0.226	0.021	3.452	3.699
OPERATIONS PERSONNEL	0	0	0	0	0.216	0.052	0.288	0.556
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.398	0.026	0.287	0.711
SUPERVISORY PERSONNEL	0	0	0	0	0.012	0.000	0.000	0.012
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.018	0.000	0.018
TOTAL	0	0	11	11	0.852	0.117	4.027	4.996
REFUELING								
MAINTENANCE PERSONNEL	1	0	15	16	0.553	0.100	3.644	4.297
OPERATIONS PERSONNEL	0	0	10	10	0.229	0.178	3.583	3.990
HEALTH PHYSICS PERSONNEL	0	0	2	2	0.209	0.005	1.198	1.412
SUPERVISORY PERSONNEL	0	0	1	1	0.010	0.018	0.303	0.331
ENGINEERING PERSONNEL	0	0	0	0	0.002	0.036	0.000	0.038
TOTAL	1	0	28	29	1.003	0.337	8.728	10.068
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	9	1	273	283	5.745	3.396	108.279	117.420
OPERATIONS PERSONNEL	3	1	87	91	1.371	4.317	33.489	39.177
HEALTH PHYSICS PERSONNEL	1	2	19	22	2.724	0.501	8.340	11.565
SUPERVISORY PERSONNEL	0	0	1	1	0.102	0.166	0.630	0.898
ENGINEERING PERSONNEL	0	1	1	2	0.067	1.151	0.384	1.602
GRAND TOTALS	13	5	381	399	10.009	9.531	151.122	170.662

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***SAN ONOFRE 2,3**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM							
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL				
REACTOR OPS & SURV												
MAINTENANCE PERSONNEL	3	0	2	5	0.001	0.000	0.001	0.002				
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
ENGINEERING PERSONNEL	1	0	0	1	0.001	0.000	0.000	0.001				
TOTAL	4	0	2	6	0.002	0.000	0.001	0.003				
ROUTINE MAINTENANCE												
MAINTENANCE PERSONNEL	159	2	187	348	52.518	0.322	49.144	101.984				
OPERATIONS PERSONNEL	59	0	0	59	10.123	0.000	0.000	10.123				
HEALTH PHYSICS PERSONNEL	63	0	103	166	15.922	0.000	18.685	34.607				
SUPERVISORY PERSONNEL	22	0	8	30	3.932	0.000	2.748	6.680				
ENGINEERING PERSONNEL	41	0	248	289	11.588	0.000	94.372	105.960				
TOTAL	344	2	546	892	94.083	0.322	164.949	259.354				
IN-SERVICE INSPECTION												
MAINTENANCE PERSONNEL	0	0	10	10	0.000	0.000	0.793	0.793				
OPERATIONS PERSONNEL	2	0	0	2	0.020	0.000	0.000	0.020				
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
SUPERVISORY PERSONNEL	0	0	1	1	0.000	0.000	0.005	0.005				
ENGINEERING PERSONNEL	0	0	15	15	0.000	0.000	0.106	0.106				
TOTAL	2	0	26	28	0.020	0.000	0.904	0.924				
SPECIAL MAINTENANCE												
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000				
WASTE PROCESSING												
MAINTENANCE PERSONNEL	1	0	0	1	0.278	0.000	0.000	0.278				
OPERATIONS PERSONNEL	5	0	0	5	1.056	0.000	0.000	1.056				
HEALTH PHYSICS PERSONNEL	23	0	57	80	5.165	0.000	15.734	20.899				
SUPERVISORY PERSONNEL	0	0	1	1	0.000	0.000	0.000	0.000				
ENGINEERING PERSONNEL	1	0	5	6	0.550	0.000	0.151	0.701				
TOTAL	30	0	63	93	7.049	0.000	15.885	22.934				
REFUELING												
MAINTENANCE PERSONNEL	72	0	64	136	11.934	0.000	24.035	35.969				
OPERATIONS PERSONNEL	13	0	0	13	0.105	0.000	0.000	0.105				
HEALTH PHYSICS PERSONNEL	11	0	5	16	2.520	0.000	0.140	2.660				
SUPERVISORY PERSONNEL	13	0	2	15	3.997	0.000	0.002	3.999				
ENGINEERING PERSONNEL	15	0	30	45	1.682	0.000	7.319	9.001				
TOTAL	124	0	101	225	20.238	0.000	31.496	51.734				
TOTAL BY JOB FUNCTION												
MAINTENANCE PERSONNEL	235	(159)	2	(2)	263	(194)	500	(355)	64.731	0.322	73.973	139.026
OPERATIONS PERSONNEL	79	(59)	0	(0)	0	(0)	79	(59)	11.304	0.000	0.000	11.304
HEALTH PHYSICS PERSONNEL	97	(63)	0	(0)	165	(107)	262	(170)	23.607	0.000	34.559	58.166
SUPERVISORY PERSONNEL	35	(22)	0	(0)	12	(8)	47	(30)	7.929	0.000	2.755	10.684
ENGINEERING PERSONNEL	58	(41)	0	(0)	298	(249)	356	(290)	13.821	0.000	101.948	115.769
GRAND TOTALS	504	(344)	2	(2)	738	(558)	1244	(904)	121.392	0.322	213.235	334.949

*Workers may be counted in more than one category. Numbers in parentheses are total numbers of individuals.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***SEABROOK**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	27	6	25	58	0.672	0.317	0.414	1.403
OPERATIONS PERSONNEL	36	6	1	43	4.349	0.375	0.018	4.742
HEALTH PHYSICS PERSONNEL	18	0	26	44	0.648	0.000	0.294	0.942
SUPERVISORY PERSONNEL	3	5	0	8	0.068	0.203	0.000	0.271
ENGINEERING PERSONNEL	0	6	1	7	0.000	0.539	0.002	0.541
TOTAL	84	23	53	160	5.737	1.434	0.728	7.899
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	43	7	181	231	6.337	0.989	25.053	32.379
OPERATIONS PERSONNEL	36	6	2	44	2.281	0.708	0.174	3.163
HEALTH PHYSICS PERSONNEL	18	0	71	89	6.167	0.000	17.825	23.992
SUPERVISORY PERSONNEL	3	5	0	8	0.174	0.730	0.000	0.904
ENGINEERING PERSONNEL	0	6	11	17	0.000	0.563	1.926	2.489
TOTAL	100	24	265	389	14.959	2.990	44.978	62.927
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	7	0	34	41	0.041	0.000	2.796	2.837
OPERATIONS PERSONNEL	10	0	2	12	0.074	0.000	0.210	0.284
HEALTH PHYSICS PERSONNEL	9	0	8	17	0.211	0.000	0.373	0.584
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	2	2	0.000	0.000	0.206	0.206
TOTAL	26	0	46	72	0.326	0.000	3.585	3.911
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	2	0	0	2	0.141	0.000	0.000	0.141
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	1	0	0	1	0.019	0.000	0.000	0.019
SUPERVISORY PERSONNEL	0	1	0	1	0.000	0.001	0.000	0.001
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	3	1	0	4	0.160	0.001	0.000	0.161
WASTE PROCESSING								
MAINTENANCE PERSONNEL	9	1	10	20	0.868	0.000	0.092	0.960
OPERATIONS PERSONNEL	11	0	1	12	0.251	0.000	0.114	0.365
HEALTH PHYSICS PERSONNEL	9	0	34	43	0.122	0.000	0.611	0.733
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	2	0	2	0.000	0.002	0.000	0.002
TOTAL	29	3	45	77	1.241	0.002	0.817	2.060
REFUELING								
MAINTENANCE PERSONNEL	27	7	176	210	4.894	0.743	51.964	57.601
OPERATIONS PERSONNEL	18	4	2	24	0.854	0.224	0.165	1.243
HEALTH PHYSICS PERSONNEL	8	0	65	73	0.897	0.000	15.539	16.436
SUPERVISORY PERSONNEL	2	3	0	5	0.205	0.273	0.000	0.478
ENGINEERING PERSONNEL	0	4	19	23	0.000	0.197	3.891	4.088
TOTAL	55	18	262	335	6.850	1.437	71.559	79.846
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	115	21	426	562	12.953	2.049	80.319	95.321
OPERATIONS PERSONNEL	111	16	8	135	7.809	1.307	0.681	9.797
HEALTH PHYSICS PERSONNEL	63	0	204	267	8.064	0.000	34.642	42.706
SUPERVISORY PERSONNEL	8	14	0	22	0.447	1.207	0.000	1.654
ENGINEERING PERSONNEL	0	18	33	51	0.000	1.301	6.025	7.326
GRAND TOTALS	297	69	671	1037	29.273	5.864	121.667	156.804

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***SEQUOYAH 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	81	2	137	220	0.933	0.000	0.920	1.853
OPERATIONS PERSONNEL	47	4	3	54	9.355	0.549	0.001	9.905
HEALTH PHYSICS PERSONNEL	49	6	62	117	7.423	1.400	10.183	19.006
SUPERVISORY PERSONNEL	10	6	0	16	0.623	0.424	0.000	1.047
ENGINEERING PERSONNEL	34	13	17	64	1.745	0.562	0.106	2.413
TOTAL	221	31	219	471	20.079	2.935	11.210	34.224
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	125	6	457	588	27.580	0.778	79.102	107.460
OPERATIONS PERSONNEL	45	5	8	58	0.861	0.247	0.627	1.735
HEALTH PHYSICS PERSONNEL	57	5	70	132	18.670	0.277	10.348	29.295
SUPERVISORY PERSONNEL	14	8	0	22	0.806	0.555	0.000	1.361
ENGINEERING PERSONNEL	38	15	38	91	4.450	0.707	1.276	6.433
TOTAL	279	39	573	891	52.367	2.564	91.353	146.284
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	25	2	130	157	4.495	0.163	23.784	28.442
OPERATIONS PERSONNEL	6	2	8	16	0.234	0.028	0.400	0.662
HEALTH PHYSICS PERSONNEL	35	5	57	97	3.417	0.171	10.816	14.404
SUPERVISORY PERSONNEL	2	6	0	8	0.299	0.854	0.000	1.153
ENGINEERING PERSONNEL	17	27	147	191	2.140	14.916	62.246	79.302
TOTAL	85	42	342	469	10.585	16.132	97.246	123.963
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	67	2	287	356	11.620	0.228	65.301	77.149
OPERATIONS PERSONNEL	5	3	5	13	0.369	0.132	0.253	0.754
HEALTH PHYSICS PERSONNEL	32	3	21	56	2.209	0.074	2.604	4.887
SUPERVISORY PERSONNEL	8	1	0	9	0.853	0.137	0.000	0.990
ENGINEERING PERSONNEL	19	5	21	45	1.205	0.358	1.611	3.174
TOTAL	131	14	334	479	16.256	0.929	69.769	86.954
WASTE PROCESSING								
MAINTENANCE PERSONNEL	24	1	61	86	0.096	0.000	0.567	0.663
OPERATIONS PERSONNEL	2	0	1	3	0.003	0.000	0.000	0.003
HEALTH PHYSICS PERSONNEL	37	4	30	71	1.437	0.048	2.669	4.154
SUPERVISORY PERSONNEL	0	1	0	1	0.000	0.006	0.000	0.006
ENGINEERING PERSONNEL	0	1	2	3	0.000	0.000	0.008	0.008
TOTAL	63	7	94	164	1.536	0.054	3.244	4.834
REFUELING								
MAINTENANCE PERSONNEL	33	2	61	96	3.752	0.004	14.075	17.831
OPERATIONS PERSONNEL	12	3	3	18	0.145	0.185	0.970	1.300
HEALTH PHYSICS PERSONNEL	14	3	9	26	0.873	0.101	0.471	1.445
SUPERVISORY PERSONNEL	5	3	0	8	2.302	1.094	0.000	3.396
ENGINEERING PERSONNEL	6	1	22	29	0.643	0.023	15.680	16.346
TOTAL	70	12	95	177	7.715	1.407	31.196	40.318
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	355	15	1133	1503	48.476	1.173	183.749	233.398
OPERATIONS PERSONNEL	117	17	28	162	10.967	1.141	2.251	14.359
HEALTH PHYSICS PERSONNEL	224	26	249	499	34.029	2.071	37.091	73.191
SUPERVISORY PERSONNEL	39	25	0	64	4.883	3.070	0.000	7.953
ENGINEERING PERSONNEL	114	62	247	423	10.183	16.566	80.927	107.676
GRAND TOTALS	849	145	1657	2651	108.538	24.021	304.018	436.577

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***SHOREHAM**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
GRAND TOTALS	0	0	0	0	0.000	0.000	0.000	0.000

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***SOUTH TEXAS 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	3	0	12	15	1.466	0.000	2.878	4.344
OPERATIONS PERSONNEL	27	0	0	27	7.168	0.000	0.000	7.168
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	19	0	21	40	6.749	0.000	6.615	13.364
ENGINEERING PERSONNEL	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1.113</u>	<u>0.000</u>	<u>0.000</u>	<u>1.113</u>
TOTAL	50	0	33	83	16.496	0.000	9.493	25.989
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	38	0	18	56	12.992	0.000	6.456	19.448
OPERATIONS PERSONNEL	0	0	0	0	0.160	0.000	0.000	0.160
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	2	0	134	136	1.846	0.000	45.890	47.736
ENGINEERING PERSONNEL	<u>2</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>0.606</u>	<u>0.000</u>	<u>0.008</u>	<u>0.614</u>
TOTAL	42	0	152	194	15.604	0.000	52.354	67.958
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	13	0	8	21	4.627	0.000	3.253	7.880
OPERATIONS PERSONNEL	0	0	0	0	0.098	0.000	0.000	0.098
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	1	0	12	13	0.802	0.000	3.202	4.004
ENGINEERING PERSONNEL	<u>11</u>	<u>0</u>	<u>1</u>	<u>12</u>	<u>3.075</u>	<u>0.000</u>	<u>0.778</u>	<u>3.853</u>
TOTAL	25	0	21	46	8.602	0.000	7.233	15.835
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	24	0	25	49	8.665	0.000	6.197	14.862
OPERATIONS PERSONNEL	0	0	0	0	0.300	0.000	0.000	0.300
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	13	0	200	213	4.682	0.000	92.603	97.285
ENGINEERING PERSONNEL	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0.428</u>	<u>0.000</u>	<u>0.000</u>	<u>0.428</u>
TOTAL	38	0	225	263	14.075	0.000	98.800	112.875
WASTE PROCESSING								
MAINTENANCE PERSONNEL	4	0	0	4	2.139	0.000	0.087	2.226
OPERATIONS PERSONNEL	2	0	0	2	0.614	0.000	0.000	0.614
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	6	0	28	34	2.862	0.000	7.615	10.477
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.016</u>	<u>0.000</u>	<u>0.000</u>	<u>0.016</u>
TOTAL	12	0	28	40	5.631	0.000	7.702	13.333
REFUELING								
MAINTENANCE PERSONNEL	36	0	1	37	11.603	0.000	0.913	12.516
OPERATIONS PERSONNEL	1	0	0	1	0.270	0.000	0.000	0.270
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	11	0	64	75	3.617	0.000	17.963	21.580
ENGINEERING PERSONNEL	<u>3</u>	<u>0</u>	<u>0</u>	<u>3</u>	<u>0.825</u>	<u>0.000</u>	<u>0.001</u>	<u>0.826</u>
TOTAL	51	0	65	116	16.315	0.000	18.877	35.192
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	118	0	64	182	41.492	0.000	19.784	61.276
OPERATIONS PERSONNEL	30	0	0	30	8.610	0.000	0.000	8.610
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	52	0	459	511	20.558	0.000	173.888	194.446
ENGINEERING PERSONNEL	18	0	1	19	6.063	0.000	0.787	6.850
GRAND TOTALS	218	0	524	742	76.723	0.000	194.459	271.182

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***ST. LUCIE 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	2	2	0.252	0.000	0.736	0.988
OPERATIONS PERSONNEL	2	0	0	2	1.973	0.062	0.015	2.050
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.235	0.000	0.032	0.267
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.143	0.071	0.000	0.214
TOTAL	2	0	2	4	2.603	0.133	0.783	3.519
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	239	11	301	551	121.875	3.056	133.666	258.597
OPERATIONS PERSONNEL	53	11	78	142	19.115	5.155	34.846	59.116
HEALTH PHYSICS PERSONNEL	38	0	38	76	11.485	0.007	22.740	34.232
SUPERVISORY PERSONNEL	0	0	0	0	0.090	0.000	0.000	0.090
ENGINEERING PERSONNEL	3	1	5	9	1.111	1.429	1.988	4.528
TOTAL	333	23	422	778	153.676	9.647	193.240	356.563
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.106	0.000	0.017	0.123
OPERATIONS PERSONNEL	0	0	0	0	0.003	0.007	0.001	0.011
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.013	0.000	0.000	0.013
SUPERVISORY PERSONNEL	0	0	0	0	0.003	0.000	0.000	0.003
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.002	0.000	0.002
TOTAL	0	0	0	0	0.125	0.009	0.018	0.152
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	21	2	635	658	11.389	0.470	279.104	290.963
OPERATIONS PERSONNEL	4	1	12	17	1.961	0.510	7.416	9.887
HEALTH PHYSICS PERSONNEL	1	0	11	12	0.710	0.000	3.638	4.348
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.036	0.036	0.052	0.124
TOTAL	26	3	658	687	14.096	1.016	290.210	305.322
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	5	5	0.322	0.000	3.508	3.830
OPERATIONS PERSONNEL	0	0	2	2	0.052	0.006	1.004	1.062
HEALTH PHYSICS PERSONNEL	1	0	6	7	0.393	0.000	7.651	8.044
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	1	0	13	14	0.767	0.006	12.163	12.936
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.129	0.127	0.136	0.392
OPERATIONS PERSONNEL	0	0	0	0	0.333	0.002	0.000	0.335
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.093	0.000	0.048	0.141
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.022	0.000	0.000	0.022
TOTAL	0	0	0	0	0.577	0.129	0.184	0.890
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	260	13	943	1216	134.073	3.653	417.167	554.893
OPERATIONS PERSONNEL	59	12	92	163	23.437	5.742	43.282	72.461
HEALTH PHYSICS PERSONNEL	40	0	55	95	12.929	0.007	34.109	47.045
SUPERVISORY PERSONNEL	0	0	0	0	0.093	0.000	0.000	0.093
ENGINEERING PERSONNEL	3	1	5	9	1.312	1.538	2.040	4.890
GRAND TOTALS	362	26	1095	1483	171.844	10.940	496.598	679.382

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: *SUMMER 1

TYPE: PWR

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	3	0	11	14	1.569	0.000	4.307	5.876
OPERATIONS PERSONNEL	29	0	4	33	6.535	0.000	1.527	8.062
HEALTH PHYSICS PERSONNEL	9	0	22	31	3.063	0.000	5.890	8.953
SUPERVISORY PERSONNEL	0	0	0	0	0.303	0.000	0.027	0.330
ENGINEERING PERSONNEL	0	0	1	1	0.216	0.000	0.171	0.387
TOTAL	41	0	38	79	11.686	0.000	11.922	23.608
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	53	4	219	276	15.774	1.099	69.901	86.774
OPERATIONS PERSONNEL	18	0	32	50	4.599	0.000	8.587	13.186
HEALTH PHYSICS PERSONNEL	9	0	35	44	3.826	0.000	10.459	14.285
SUPERVISORY PERSONNEL	3	0	0	3	0.816	0.000	0.010	0.826
ENGINEERING PERSONNEL	3	0	9	12	1.024	0.000	3.048	4.072
TOTAL	86	4	295	385	26.039	1.099	92.005	119.143
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	2	0	36	38	0.452	0.000	12.682	13.134
OPERATIONS PERSONNEL	2	0	11	13	0.587	0.000	2.227	2.814
HEALTH PHYSICS PERSONNEL	0	0	2	2	0.015	0.000	0.422	0.437
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	1	1	0.008	0.000	0.324	0.332
TOTAL	4	0	50	54	1.062	0.000	15.655	16.717
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	1	2	8	11	1.194	0.228	3.946	5.368
OPERATIONS PERSONNEL	0	0	0	0	0.092	0.000	0.056	0.148
HEALTH PHYSICS PERSONNEL	0	0	2	2	0.177	0.000	0.484	0.661
SUPERVISORY PERSONNEL	1	0	0	1	0.932	0.000	0.000	0.932
ENGINEERING PERSONNEL	0	0	0	0	0.030	0.000	0.035	0.065
TOTAL	2	2	10	14	2.425	0.228	4.521	7.174
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	1	1	0.278	0.000	0.228	0.506
OPERATIONS PERSONNEL	0	0	0	0	0.015	0.000	0.025	0.040
HEALTH PHYSICS PERSONNEL	7	0	1	8	3.763	0.000	0.458	4.221
SUPERVISORY PERSONNEL	0	0	0	0	0.062	0.000	0.000	0.062
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	7	0	2	9	4.118	0.000	0.711	4.829
REFUELING								
MAINTENANCE PERSONNEL	6	0	20	26	1.638	0.000	6.702	8.340
OPERATIONS PERSONNEL	1	0	8	9	0.707	0.000	4.110	4.817
HEALTH PHYSICS PERSONNEL	0	0	4	4	0.110	0.000	1.228	1.338
SUPERVISORY PERSONNEL	0	0	0	0	0.052	0.000	0.000	0.052
ENGINEERING PERSONNEL	0	0	3	3	0.071	0.000	1.607	1.678
TOTAL	7	0	35	42	2.578	0.000	13.647	16.225
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	65	6	295	366	20.905	1.327	97.766	119.998
OPERATIONS PERSONNEL	50	0	55	105	12.535	0.000	16.532	29.067
HEALTH PHYSICS PERSONNEL	25	0	66	91	10.954	0.000	18.941	29.895
SUPERVISORY PERSONNEL	4	0	0	4	2.165	0.000	0.037	2.202
ENGINEERING PERSONNEL	3	0	14	17	1.349	0.000	5.185	6.534
GRAND TOTALS	147	6	430	583	47.908	1.327	138.461	187.696

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***SURRY 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	118	1	107	226	1.626	0.001	0.231	1.858
OPERATIONS PERSONNEL	203	157	78	438	19.590	0.198	0.057	19.845
HEALTH PHYSICS PERSONNEL	82	11	145	238	10.785	0.048	16.120	26.953
SUPERVISORY PERSONNEL	79	32	13	124	2.348	0.180	0.104	2.632
ENGINEERING PERSONNEL	<u>78</u>	<u>23</u>	<u>14</u>	<u>115</u>	<u>0.284</u>	<u>0.054</u>	<u>0.001</u>	<u>0.339</u>
TOTAL	560	224	357	1141	34.633	0.481	16.513	51.627
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	236	5	912	1153	52.817	0.661	65.219	118.697
OPERATIONS PERSONNEL	193	96	69	358	5.657	0.287	1.145	7.089
HEALTH PHYSICS PERSONNEL	60	1	137	198	9.036	0.071	22.144	31.251
SUPERVISORY PERSONNEL	71	19	21	111	3.637	0.129	2.037	5.803
ENGINEERING PERSONNEL	<u>64</u>	<u>21</u>	<u>19</u>	<u>104</u>	<u>2.366</u>	<u>0.282</u>	<u>0.600</u>	<u>3.248</u>
TOTAL	624	142	1158	1924	73.513	1.430	91.145	166.088
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	22	0	78	100	1.032	0.000	6.990	8.022
OPERATIONS PERSONNEL	6	0	3	9	0.096	0.000	0.035	0.131
HEALTH PHYSICS PERSONNEL	2	1	7	10	0.003	0.043	0.126	0.172
SUPERVISORY PERSONNEL	4	0	5	9	0.074	0.000	0.417	0.491
ENGINEERING PERSONNEL	<u>10</u>	<u>1</u>	<u>36</u>	<u>47</u>	<u>0.831</u>	<u>0.002</u>	<u>6.211</u>	<u>7.044</u>
TOTAL	44	2	129	175	2.036	0.045	13.779	15.860
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	163	2	231	396	16.283	0.009	13.129	29.421
OPERATIONS PERSONNEL	36	5	15	56	1.510	0.037	0.091	1.638
HEALTH PHYSICS PERSONNEL	45	1	34	80	2.286	0.120	0.480	2.886
SUPERVISORY PERSONNEL	30	0	9	39	1.997	0.000	0.096	2.093
ENGINEERING PERSONNEL	<u>13</u>	<u>2</u>	<u>4</u>	<u>19</u>	<u>0.423</u>	<u>0.110</u>	<u>0.140</u>	<u>0.673</u>
TOTAL	287	10	293	590	22.499	0.276	13.936	36.711
WASTE PROCESSING								
MAINTENANCE PERSONNEL	85	0	91	176	1.001	0.000	2.055	3.056
OPERATIONS PERSONNEL	59	7	0	66	1.766	0.107	0.000	1.873
HEALTH PHYSICS PERSONNEL	39	1	22	62	2.720	0.007	0.831	3.558
SUPERVISORY PERSONNEL	23	1	4	28	1.180	0.257	0.282	1.719
ENGINEERING PERSONNEL	<u>3</u>	<u>0</u>	<u>2</u>	<u>5</u>	<u>0.002</u>	<u>0.000</u>	<u>0.006</u>	<u>0.008</u>
TOTAL	209	9	119	337	6.669	0.371	3.174	10.214
REFUELING								
MAINTENANCE PERSONNEL	60	0	257	317	12.906	0.080	36.320	49.306
OPERATIONS PERSONNEL	35	13	7	55	2.773	0.254	0.187	3.214
HEALTH PHYSICS PERSONNEL	10	0	44	54	0.785	0.000	1.650	2.435
SUPERVISORY PERSONNEL	17	1	4	22	1.978	0.001	1.032	3.011
ENGINEERING PERSONNEL	<u>11</u>	<u>0</u>	<u>1</u>	<u>12</u>	<u>0.206</u>	<u>0.000</u>	<u>0.015</u>	<u>0.221</u>
TOTAL	133	14	313	460	18.648	0.335	39.204	58.187
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	684	8	1676	2368	85.665	0.751	123.944	210.360
OPERATIONS PERSONNEL	532	278	172	982	31.392	0.883	1.515	33.790
HEALTH PHYSICS PERSONNEL	238	15	389	642	25.615	0.289	41.351	67.255
SUPERVISORY PERSONNEL	224	53	56	333	11.214	0.567	3.968	15.749
ENGINEERING PERSONNEL	179	47	76	302	4.112	0.448	6.973	11.533
GRAND TOTALS	1857	401	2369	4627	157.998	2.938	177.751	338.687

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***SUSQUEHANNA 1,2**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	3	0	0	3	1.220	0.000	0.000	1.220
OPERATIONS PERSONNEL	51	2	0	53	13.250	0.435	0.000	13.685
HEALTH PHYSICS PERSONNEL	21	0	36	57	14.170	0.000	13.734	27.904
SUPERVISORY PERSONNEL	4	0	0	4	0.850	0.000	0.000	0.850
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	79	2	36	117	29.490	0.435	13.734	43.659
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	287	8	183	478	134.570	3.919	87.162	225.651
OPERATIONS PERSONNEL	9	0	0	9	4.670	0.000	0.000	4.670
HEALTH PHYSICS PERSONNEL	51	0	29	80	21.250	0.000	9.855	31.105
SUPERVISORY PERSONNEL	6	1	0	7	1.010	0.209	0.000	1.219
ENGINEERING PERSONNEL	9	2	6	17	1.580	0.305	1.272	3.157
TOTAL	362	11	218	591	163.080	4.433	98.289	265.802
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	9	0	53	62	2.380	0.000	21.266	23.646
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	5	5	0.000	0.000	2.469	2.469
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	9	0	58	67	2.380	0.000	23.735	26.115
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	28	1	26	55	12.640	0.889	0.000	13.529
OPERATIONS PERSONNEL	3	0	0	3	2.620	0.000	0.000	2.620
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	1	1	0.000	0.000	0.136	0.136
TOTAL	31	1	27	59	15.260	0.889	0.136	16.285
WASTE PROCESSING								
MAINTENANCE PERSONNEL	1	0	0	1	0.680	0.000	0.000	0.680
OPERATIONS PERSONNEL	0	0	1	1	0.000	0.000	1.669	1.669
HEALTH PHYSICS PERSONNEL	3	0	1	4	1.820	0.000	0.300	2.120
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	4	0	2	6	2.500	0.000	1.969	4.469
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	3	0	0	3	0.320	0.000	0.000	0.320
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	3	0	0	3	0.320	0.000	0.000	0.320
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	328	9	262	599	151.490	4.808	108.428	264.726
OPERATIONS PERSONNEL	66	2	1	69	20.860	0.435	1.669	22.964
HEALTH PHYSICS PERSONNEL	75	0	71	146	37.240	0.000	26.358	63.598
SUPERVISORY PERSONNEL	10	1	0	11	1.860	0.209	0.000	2.069
ENGINEERING PERSONNEL	9	2	7	18	1.580	0.305	1.408	3.293
GRAND TOTALS	488	14	341	843	213.030	5.757	137.863	356.650

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***THREE MILE ISLAND 1**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM				
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL	
REACTOR OPS & SURV									
MAINTENANCE PERSONNEL	142	21	228	391	2.259	0.152	2.728	5.139	
OPERATIONS PERSONNEL	102	3	0	105	11.692	0.002	0.000	11.694	
HEALTH PHYSICS PERSONNEL	70	6	19	95	9.558	0.072	0.886	10.516	
SUPERVISORY PERSONNEL	188	65	27	280	4.303	0.216	0.248	4.767	
ENGINEERING PERSONNEL	83	16	15	114	1.724	0.036	0.218	1.978	
TOTAL	585	111	289	985	29.536	0.478	4.080	34.094	
ROUTINE MAINTENANCE									
MAINTENANCE PERSONNEL	146	8	341	495	9.347	0.110	21.626	31.083	
OPERATIONS PERSONNEL	65	2	0	67	1.328	0.007	0.000	1.335	
HEALTH PHYSICS PERSONNEL	40	0	5	45	0.361	0.000	0.031	0.392	
SUPERVISORY PERSONNEL	72	3	20	95	0.830	0.019	0.530	1.379	
ENGINEERING PERSONNEL	23	0	19	42	0.136	0.000	2.073	2.209	
TOTAL	346	13	385	744	12.002	0.136	24.260	36.398	
IN-SERVICE INSPECTION									
MAINTENANCE PERSONNEL	27	4	103	134	1.284	0.607	7.025	8.916	
OPERATIONS PERSONNEL	4	1	0	5	0.245	0.074	0.000	0.319	
HEALTH PHYSICS PERSONNEL	13	0	12	25	0.505	0.000	0.479	0.984	
SUPERVISORY PERSONNEL	19	3	6	28	1.651	0.486	0.201	2.338	
ENGINEERING PERSONNEL	11	1	1	13	1.012	0.030	0.138	1.180	
TOTAL	74	9	122	205	4.697	1.197	7.843	13.737	
SPECIAL MAINTENANCE									
MAINTENANCE PERSONNEL	150	18	534	702	11.547	0.123	68.109	79.779	
OPERATIONS PERSONNEL	57	2	0	59	2.766	0.010	0.000	2.776	
HEALTH PHYSICS PERSONNEL	36	1	14	51	4.908	0.000	2.344	7.252	
SUPERVISORY PERSONNEL	81	18	27	126	3.288	0.035	2.377	5.700	
ENGINEERING PERSONNEL	41	9	52	102	1.789	0.171	6.634	8.594	
TOTAL	365	48	627	1040	24.298	0.339	79.464	104.101	
WASTE PROCESSING									
MAINTENANCE PERSONNEL	62	1	65	128	1.935	0.001	3.660	5.596	
OPERATIONS PERSONNEL	34	1	0	35	6.761	0.000	0.000	6.761	
HEALTH PHYSICS PERSONNEL	30	0	2	32	1.160	0.000	0.181	1.341	
SUPERVISORY PERSONNEL	29	4	8	41	0.278	0.001	0.185	0.464	
ENGINEERING PERSONNEL	7	0	2	9	0.010	0.000	0.000	0.010	
TOTAL	162	6	77	245	10.144	0.002	4.026	14.172	
REFUELING									
MAINTENANCE PERSONNEL	88	2	59	149	2.219	0.017	11.927	14.163	
OPERATIONS PERSONNEL	82	0	0	82	4.174	0.000	0.000	4.174	
HEALTH PHYSICS PERSONNEL	12	0	2	14	0.772	0.000	0.176	0.948	
SUPERVISORY PERSONNEL	62	1	7	70	2.060	0.002	0.513	2.575	
ENGINEERING PERSONNEL	12	0	12	24	0.322	0.000	2.953	3.275	
TOTAL	256	3	80	339	9.547	0.019	15.569	25.135	
TOTAL BY JOB FUNCTION									
MAINTENANCE PERSONNEL	615	(170) 54	(37) 1330	(624) 1999	(831)	28.591	1.010	115.075	144.676
OPERATIONS PERSONNEL	344	(113) 9	(3) 0	(0) 353	(116)	26.966	0.093	0.000	27.059
HEALTH PHYSICS PERSONNEL	201	(72) 7	(7) 54	(22) 262	(101)	17.264	0.072	4.097	21.433
SUPERVISORY PERSONNEL	451	(208) 94	(85) 95	(49) 640	(342)	12.410	0.759	4.054	17.223
ENGINEERING PERSONNEL	177	(88) 26	(18) 101	(59) 304	(165)	4.993	0.237	12.016	17.246
GRAND TOTALS	1788	(651) 190	(150) 1580	(754) 3558	(1555)	90.224	2.171	135.242	227.637

*Workers may be counted in more than one category. Numbers in parentheses are total numbers of individuals.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***THREE MILE ISLAND 2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM							
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL				
REACTOR OPS & SURV												
MAINTENANCE PERSONNEL	21	3	10	34	0.056	0.001	0.021	0.078				
OPERATIONS PERSONNEL	68	0	0	68	0.132	0.000	0.000	0.132				
HEALTH PHYSICS PERSONNEL	31	0	6	37	0.126	0.000	0.023	0.149				
SUPERVISORY PERSONNEL	46	7	6	59	0.069	0.014	0.002	0.085				
ENGINEERING PERSONNEL	<u>22</u>	<u>4</u>	<u>1</u>	<u>27</u>	<u>0.011</u>	<u>0.000</u>	<u>0.001</u>	<u>0.012</u>				
TOTAL	188	14	23	225	0.394	0.015	0.047	0.456				
ROUTINE MAINTENANCE												
MAINTENANCE PERSONNEL	64	4	15	83	0.028	0.005	0.011	0.044				
OPERATIONS PERSONNEL	16	0	0	16	0.006	0.000	0.000	0.006				
HEALTH PHYSICS PERSONNEL	2	0	0	2	0.000	0.000	0.000	0.000				
SUPERVISORY PERSONNEL	6	0	1	7	0.005	0.000	0.000	0.005				
ENGINEERING PERSONNEL	<u>1</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>0.001</u>	<u>0.000</u>	<u>0.000</u>	<u>0.001</u>				
TOTAL	89	4	17	110	0.040	0.005	0.011	0.056				
IN-SERVICE INSPECTION												
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>				
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000				
SPECIAL MAINTENANCE												
MAINTENANCE PERSONNEL	14	0	2	16	0.005	0.000	0.000	0.005				
OPERATIONS PERSONNEL	17	0	0	17	0.002	0.000	0.000	0.002				
HEALTH PHYSICS PERSONNEL	15	0	0	15	0.012	0.000	0.000	0.012				
SUPERVISORY PERSONNEL	2	0	0	2	0.000	0.000	0.000	0.000				
ENGINEERING PERSONNEL	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>				
TOTAL	49	0	2	51	0.019	0.000	0.000	0.019				
WASTE PROCESSING												
MAINTENANCE PERSONNEL	3	1	2	6	0.006	0.003	0.000	0.009				
OPERATIONS PERSONNEL	19	0	0	19	0.125	0.000	0.000	0.125				
HEALTH PHYSICS PERSONNEL	5	0	1	6	0.008	0.000	0.000	0.008				
SUPERVISORY PERSONNEL	2	0	0	2	0.000	0.000	0.000	0.000				
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>				
TOTAL	29	1	3	33	0.139	0.003	0.000	0.142				
REFUELING												
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000				
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>				
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000				
TOTAL BY JOB FUNCTION												
MAINTENANCE PERSONNEL	102	(83)	8	(8)	29	(28)	139	(119)	0.095	0.009	0.032	0.136
OPERATIONS PERSONNEL	120	(89)	0	(0)	0	(0)	120	(89)	0.265	0.000	0.000	0.265
HEALTH PHYSICS PERSONNEL	53	(35)	0	(0)	7	(6)	60	(41)	0.146	0.000	0.023	0.169
SUPERVISORY PERSONNEL	56	(52)	7	(7)	7	(7)	70	(66)	0.074	0.014	0.002	0.090
ENGINEERING PERSONNEL	24	(22)	4	(4)	2	(2)	30	(28)	0.012	0.000	0.001	0.013
GRAND TOTALS	355	(281)	19	(19)	45	(43)	419	(343)	0.592	0.023	0.058	0.673

*Workers may be counted in more than one category. Numbers in parentheses are total numbers of individuals.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: *TROJAN

TYPE: PWR

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
GRAND TOTALS	0	0	0	0	0.000	0.000	0.000	0.000

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***TURKEY POINT 3,4**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	340	0	252	592	157.769	0.095	108.848	266.712
OPERATIONS PERSONNEL	21	0	3	24	21.873	0.000	1.143	23.016
HEALTH PHYSICS PERSONNEL	18	0	85	103	16.022	0.001	30.204	46.227
SUPERVISORY PERSONNEL	11	1	74	86	6.881	0.426	27.015	34.322
ENGINEERING PERSONNEL	13	0	27	40	10.100	0.563	7.110	17.773
TOTAL	403	1	441	845	212.645	1.085	174.320	388.050
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	6	0	92	98	2.260	0.000	24.986	27.246
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.041	0.041
SUPERVISORY PERSONNEL	0	0	2	2	0.102	0.043	0.771	0.916
ENGINEERING PERSONNEL	1	0	11	12	0.298	0.097	3.001	3.396
TOTAL	7	0	105	112	2.660	0.140	28.799	31.599
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	1	0	36	37	1.723	0.000	15.007	16.730
OPERATIONS PERSONNEL	0	0	0	0	0.007	0.000	0.000	0.007
HEALTH PHYSICS PERSONNEL	2	0	3	5	0.636	0.000	1.139	1.775
SUPERVISORY PERSONNEL	0	0	1	1	0.369	0.037	0.611	1.017
ENGINEERING PERSONNEL	1	0	2	3	0.498	0.035	1.535	2.068
TOTAL	4	0	42	46	3.233	0.072	18.292	21.597
WASTE PROCESSING								
MAINTENANCE PERSONNEL	4	0	0	4	0.890	0.000	0.049	0.939
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.041	0.041
HEALTH PHYSICS PERSONNEL	1	0	1	2	0.406	0.000	0.376	0.782
SUPERVISORY PERSONNEL	0	0	0	0	0.004	0.000	0.002	0.006
ENGINEERING PERSONNEL	0	0	0	0	0.005	0.000	0.000	0.005
TOTAL	5	0	1	6	1.305	0.000	0.468	1.773
REFUELING								
MAINTENANCE PERSONNEL	0	0	11	11	2.004	0.004	3.388	5.396
OPERATIONS PERSONNEL	8	0	2	10	6.050	0.000	0.444	6.494
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.044	0.000	0.303	0.347
SUPERVISORY PERSONNEL	2	0	1	3	0.798	0.021	0.314	1.133
ENGINEERING PERSONNEL	0	0	4	4	1.028	0.097	0.706	1.831
TOTAL	10	0	18	28	9.924	0.122	5.155	15.201
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	351	0	391	742	164.646	0.099	152.278	317.023
OPERATIONS PERSONNEL	29	0	5	34	27.930	0.000	1.628	29.558
HEALTH PHYSICS PERSONNEL	21	0	89	110	17.108	0.001	32.063	49.172
SUPERVISORY PERSONNEL	13	1	78	92	8.154	0.527	28.713	37.394
ENGINEERING PERSONNEL	15	0	44	59	11.929	0.792	12.352	25.073
GRAND TOTALS	429	1	607	1037	229.767	1.419	227.034	458.220

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***VERMONT YANKEE**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	22	0	71	93	6.555	0.000	25.226	31.781
OPERATIONS PERSONNEL	14	0	0	14	3.387	0.000	0.023	3.410
HEALTH PHYSICS PERSONNEL	12	0	0	12	3.443	0.000	0.217	3.660
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.037	0.000	0.089	0.126
TOTAL	48	0	71	119	13.422	0.000	25.555	38.977
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	12	0	20	32	3.409	0.000	7.916	11.325
OPERATIONS PERSONNEL	0	0	0	0	0.402	0.000	0.000	0.402
HEALTH PHYSICS PERSONNEL	1	0	0	1	0.336	0.000	0.091	0.427
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.001	0.001
TOTAL	13	0	20	33	4.147	0.000	8.008	12.155
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.016	0.000	0.039	0.055
OPERATIONS PERSONNEL	0	0	0	0	0.010	0.000	0.000	0.010
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.061	0.000	0.019	0.080
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.087	0.000	0.058	0.145
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
WASTE PROCESSING								
MAINTENANCE PERSONNEL	5	0	8	13	1.272	0.000	2.777	4.049
OPERATIONS PERSONNEL	1	0	0	1	0.208	0.000	0.000	0.208
HEALTH PHYSICS PERSONNEL	4	0	2	6	0.748	0.000	0.326	1.074
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.032	0.000	0.000	0.032
TOTAL	10	0	10	20	2.260	0.000	3.103	5.363
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.022	0.000	0.017	0.039
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.001	0.000	0.000	0.001
TOTAL	0	0	0	0	0.023	0.000	0.017	0.040
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	39	0	99	138	11.274	0.000	35.975	47.249
OPERATIONS PERSONNEL	15	0	0	15	4.007	0.000	0.023	4.030
HEALTH PHYSICS PERSONNEL	17	0	2	19	4.588	0.000	0.653	5.241
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.070	0.000	0.090	0.160
GRAND TOTALS	71	0	101	172	19.939	0.000	36.741	56.680

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***VOGTLE 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	3	0	0	3	0.848	0.018	0.254	1.120
OPERATIONS PERSONNEL	19	1	0	20	5.244	0.103	0.020	5.367
HEALTH PHYSICS PERSONNEL	9	3	12	24	2.686	0.722	2.736	6.144
SUPERVISORY PERSONNEL	2	0	0	2	0.771	0.026	0.369	1.166
ENGINEERING PERSONNEL	0	0	0	0	0.220	0.015	0.171	0.406
TOTAL	33	4	12	49	9.769	0.884	3.550	14.203
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	10	0	10	20	4.373	0.073	4.101	8.547
OPERATIONS PERSONNEL	8	0	0	8	3.334	0.001	0.004	3.339
HEALTH PHYSICS PERSONNEL	45	1	3	49	11.950	0.167	1.646	13.763
SUPERVISORY PERSONNEL	0	0	0	0	0.208	0.006	0.276	0.490
ENGINEERING PERSONNEL	0	0	0	0	0.396	0.020	0.189	0.605
TOTAL	63	1	13	77	20.261	0.267	6.216	26.744
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	1	3	30	34	0.107	0.740	12.921	13.768
OPERATIONS PERSONNEL	3	0	1	4	0.618	0.000	0.182	0.800
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.001	0.000	0.001	0.002
SUPERVISORY PERSONNEL	1	0	6	7	0.183	0.061	1.741	1.985
ENGINEERING PERSONNEL	0	0	4	4	0.088	0.024	0.640	0.752
TOTAL	5	3	41	49	0.997	0.825	15.485	17.307
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	54	9	147	210	17.022	2.441	44.726	64.189
OPERATIONS PERSONNEL	10	1	0	11	3.579	0.396	0.029	4.004
HEALTH PHYSICS PERSONNEL	2	2	3	7	1.388	0.763	1.106	3.257
SUPERVISORY PERSONNEL	1	0	7	8	0.661	0.011	2.381	3.053
ENGINEERING PERSONNEL	2	0	4	6	1.029	0.000	1.261	2.290
TOTAL	69	12	161	242	23.679	3.611	49.503	76.793
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.106	0.003	0.167	0.276
OPERATIONS PERSONNEL	3	0	0	3	1.756	0.000	0.038	1.794
HEALTH PHYSICS PERSONNEL	6	3	26	35	2.511	1.169	8.008	11.688
SUPERVISORY PERSONNEL	0	0	0	0	0.014	0.000	0.004	0.018
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	9	3	26	38	4.387	1.172	8.217	13.776
REFUELING								
MAINTENANCE PERSONNEL	8	0	14	22	2.376	0.046	4.542	6.964
OPERATIONS PERSONNEL	2	0	1	3	0.675	0.000	0.095	0.770
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.102	0.000	0.158	0.260
SUPERVISORY PERSONNEL	0	0	2	2	0.113	0.000	0.576	0.689
ENGINEERING PERSONNEL	0	0	0	0	0.094	0.000	0.092	0.186
TOTAL	10	0	17	27	3.360	0.046	5.463	8.869
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	76	12	201	289	24.832	3.321	66.711	94.864
OPERATIONS PERSONNEL	45	2	2	49	15.206	0.500	0.368	16.074
HEALTH PHYSICS PERSONNEL	62	9	44	115	18.638	2.821	13.655	35.114
SUPERVISORY PERSONNEL	4	0	15	19	1.950	0.104	5.347	7.401
ENGINEERING PERSONNEL	2	0	8	10	1.827	0.059	2.353	4.239
GRAND TOTALS	189	23	270	482	62.453	6.805	88.434	157.692

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***WASHINGTON NUCLEAR 2**

TYPE: **BWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	60	3	37	100	9.945	0.405	4.483	14.833
OPERATIONS PERSONNEL	29	0	1	30	9.740	0.001	0.187	9.928
HEALTH PHYSICS PERSONNEL	6	0	1	7	0.988	0.000	0.102	1.090
SUPERVISORY PERSONNEL	5	0	1	6	0.453	0.021	0.138	0.612
ENGINEERING PERSONNEL	8	5	5	18	1.289	0.510	0.857	2.656
TOTAL	108	8	45	161	22.415	0.937	5.767	29.119
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	77	2	128	207	38.757	1.009	51.234	91.000
OPERATIONS PERSONNEL	2	0	0	2	4.114	0.000	0.201	4.315
HEALTH PHYSICS PERSONNEL	22	0	32	54	8.705	0.000	10.045	18.750
SUPERVISORY PERSONNEL	2	0	3	5	1.622	0.105	1.034	2.761
ENGINEERING PERSONNEL	7	5	5	17	2.666	0.967	1.204	4.837
TOTAL	110	7	168	285	55.864	2.081	63.718	121.663
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	5	0	30	35	5.345	0.340	23.902	29.587
OPERATIONS PERSONNEL	0	0	0	0	1.323	0.000	0.062	1.385
HEALTH PHYSICS PERSONNEL	0	0	1	1	0.516	0.000	0.690	1.206
SUPERVISORY PERSONNEL	0	0	1	1	0.347	0.000	0.456	0.803
ENGINEERING PERSONNEL	1	0	5	6	0.538	0.259	1.841	2.638
TOTAL	6	0	37	43	8.069	0.599	26.951	35.619
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	5	0	28	33	2.231	0.147	13.546	15.924
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	1	0	0	1	1.044	0.000	0.104	1.148
SUPERVISORY PERSONNEL	0	0	0	0	0.266	0.000	0.032	0.298
ENGINEERING PERSONNEL	3	1	0	4	0.495	0.081	0.066	0.642
TOTAL	9	1	28	38	4.036	0.228	13.748	18.012
WASTE PROCESSING								
MAINTENANCE PERSONNEL	2	0	0	2	0.459	0.556	0.057	1.072
OPERATIONS PERSONNEL	0	0	1	1	0.000	0.000	0.166	0.166
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.183	0.000	0.161	0.344
SUPERVISORY PERSONNEL	0	0	0	0	0.009	0.001	0.000	0.010
ENGINEERING PERSONNEL	0	0	0	0	0.039	0.014	0.000	0.053
TOTAL	2	0	1	3	0.690	0.571	0.384	1.645
REFUELING								
MAINTENANCE PERSONNEL	21	0	11	32	16.490	0.011	2.764	19.265
OPERATIONS PERSONNEL	0	0	0	0	0.319	0.000	0.000	0.319
HEALTH PHYSICS PERSONNEL	2	0	2	4	0.802	0.000	0.623	1.425
SUPERVISORY PERSONNEL	4	1	0	5	1.713	0.127	0.000	1.840
ENGINEERING PERSONNEL	0	10	9	19	0.021	1.770	1.602	3.393
TOTAL	27	11	22	60	19.345	1.908	4.989	26.242
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	170	5	234	409	73.227	2.468	95.986	171.681
OPERATIONS PERSONNEL	31	0	2	33	15.496	0.001	0.616	16.113
HEALTH PHYSICS PERSONNEL	31	0	36	67	12.238	0.000	11.725	23.963
SUPERVISORY PERSONNEL	11	1	5	17	4.410	0.254	1.660	6.324
ENGINEERING PERSONNEL	19	21	24	64	5.048	3.601	5.570	14.219
GRAND TOTALS	262	27	301	590	110.419	6.324	115.557	232.300

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***WATERFORD 3**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	3	0	16	19	4.079	0.276	14.099	18.454
OPERATIONS PERSONNEL	30	1	3	34	9.547	0.621	4.111	14.279
HEALTH PHYSICS PERSONNEL	11	6	18	35	4.223	1.123	4.386	9.732
SUPERVISORY PERSONNEL	1	0	0	1	0.602	0.003	0.077	0.682
ENGINEERING PERSONNEL	0	0	0	0	1.329	0.026	0.497	1.852
TOTAL	45	7	37	89	19.780	2.049	23.170	44.999
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	24	3	105	132	7.145	1.312	31.882	40.339
OPERATIONS PERSONNEL	2	0	30	32	1.187	0.453	9.473	11.113
HEALTH PHYSICS PERSONNEL	1	2	2	5	0.175	0.245	0.581	1.001
SUPERVISORY PERSONNEL	0	0	0	0	0.196	0.000	0.020	0.216
ENGINEERING PERSONNEL	0	0	1	1	0.113	0.000	0.455	0.568
TOTAL	27	5	138	170	8.816	2.010	42.411	53.237
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.119	0.000	0.433	0.552
OPERATIONS PERSONNEL	4	1	2	7	0.647	0.272	0.447	1.366
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.001	0.004	0.121	0.126
SUPERVISORY PERSONNEL	1	0	0	1	0.360	0.033	0.037	0.430
ENGINEERING PERSONNEL	0	0	0	0	0.048	0.000	0.056	0.104
TOTAL	5	1	2	8	1.175	0.309	1.094	2.578
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	17	0	25	42	5.638	0.004	6.438	12.080
OPERATIONS PERSONNEL	3	0	9	12	0.989	0.092	2.737	3.818
HEALTH PHYSICS PERSONNEL	0	1	1	2	0.207	0.362	0.288	0.857
SUPERVISORY PERSONNEL	5	0	23	28	1.647	0.000	9.046	10.693
ENGINEERING PERSONNEL	0	0	15	15	0.132	0.000	3.921	4.053
TOTAL	25	1	73	99	8.613	0.458	22.430	31.501
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	0	0	0.160	0.000	0.158	0.318
OPERATIONS PERSONNEL	0	0	1	1	0.031	0.000	0.311	0.342
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.077	0.001	0.052	0.130
SUPERVISORY PERSONNEL	0	0	0	0	0.002	0.000	0.000	0.002
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	1	1	0.270	0.001	0.521	0.792
REFUELING								
MAINTENANCE PERSONNEL	11	0	5	16	5.764	0.067	3.031	8.862
OPERATIONS PERSONNEL	7	2	14	23	1.983	0.606	6.043	8.632
HEALTH PHYSICS PERSONNEL	2	0	6	8	0.831	0.092	1.456	2.379
SUPERVISORY PERSONNEL	2	0	1	3	0.389	0.000	0.148	0.537
ENGINEERING PERSONNEL	1	0	6	7	0.378	0.001	1.059	1.438
TOTAL	23	2	32	57	9.345	0.766	11.737	21.848
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	55	3	151	209	22.905	1.659	56.041	80.605
OPERATIONS PERSONNEL	46	4	59	109	14.384	2.044	23.122	39.550
HEALTH PHYSICS PERSONNEL	14	9	27	50	5.514	1.827	6.884	14.225
SUPERVISORY PERSONNEL	9	0	24	33	3.196	0.036	9.328	12.560
ENGINEERING PERSONNEL	1	0	22	23	2.000	0.027	5.988	8.015
GRAND TOTALS	125	16	283	424	47.999	5.593	101.363	154.955

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***WATTS BAR 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	25	3	56	84	0.705	0.138	2.239	3.082
OPERATIONS PERSONNEL	16	1	0	17	1.090	0.020	0.000	1.110
HEALTH PHYSICS PERSONNEL	26	2	19	47	1.831	0.042	1.083	2.956
SUPERVISORY PERSONNEL	10	3	0	13	0.144	0.194	0.000	0.338
ENGINEERING PERSONNEL	6	0	6	12	0.020	0.000	0.002	0.022
TOTAL	83	9	81	173	3.790	0.394	3.324	7.508
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	26	3	222	251	3.244	0.324	18.681	22.249
OPERATIONS PERSONNEL	14	1	2	17	0.851	0.001	0.571	1.423
HEALTH PHYSICS PERSONNEL	25	2	20	47	1.963	0.153	1.329	3.445
SUPERVISORY PERSONNEL	12	2	0	14	0.389	0.119	0.000	0.508
ENGINEERING PERSONNEL	6	1	22	29	0.868	0.000	2.370	3.238
TOTAL	83	9	266	358	7.315	0.597	22.951	30.863
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	12	2	69	83	0.177	0.152	0.964	1.293
OPERATIONS PERSONNEL	7	1	0	8	0.040	0.080	0.000	0.120
HEALTH PHYSICS PERSONNEL	15	1	6	22	0.039	0.001	0.075	0.115
SUPERVISORY PERSONNEL	2	1	0	3	0.006	0.006	0.000	0.012
ENGINEERING PERSONNEL	2	1	6	9	0.119	0.154	0.304	0.577
TOTAL	38	6	81	125	0.381	0.393	1.343	2.117
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	29	1	187	217	2.104	0.003	26.246	28.353
OPERATIONS PERSONNEL	10	0	1	11	0.348	0.000	0.159	0.507
HEALTH PHYSICS PERSONNEL	22	2	12	36	1.417	0.026	0.984	2.427
SUPERVISORY PERSONNEL	5	1	0	6	0.105	0.029	0.000	0.134
ENGINEERING PERSONNEL	4	0	13	17	0.281	0.000	1.437	1.718
TOTAL	70	4	213	287	4.255	0.058	28.826	33.139
WASTE PROCESSING								
MAINTENANCE PERSONNEL	12	0	13	25	0.121	0.000	0.172	0.293
OPERATIONS PERSONNEL	5	0	0	5	0.256	0.000	0.000	0.256
HEALTH PHYSICS PERSONNEL	10	0	6	16	0.087	0.000	0.224	0.311
SUPERVISORY PERSONNEL	0	1	0	1	0.000	0.010	0.000	0.010
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	27	1	19	47	0.464	0.010	0.396	0.870
REFUELING								
MAINTENANCE PERSONNEL	10	0	137	147	0.428	0.000	17.112	17.540
OPERATIONS PERSONNEL	8	0	2	10	1.121	0.000	0.181	1.302
HEALTH PHYSICS PERSONNEL	8	1	11	20	1.047	0.041	1.431	2.519
SUPERVISORY PERSONNEL	9	0	0	9	1.715	0.000	0.000	1.715
ENGINEERING PERSONNEL	1	0	31	32	0.013	0.000	5.667	5.680
TOTAL	36	1	181	218	4.324	0.041	24.391	28.756
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	114	9	684	807	6.779	0.617	65.414	72.810
OPERATIONS PERSONNEL	60	3	5	68	3.706	0.101	0.911	4.718
HEALTH PHYSICS PERSONNEL	106	8	74	188	6.384	0.263	5.126	11.773
SUPERVISORY PERSONNEL	38	8	0	46	2.359	0.358	0.000	2.717
ENGINEERING PERSONNEL	19	2	78	99	1.301	0.154	9.780	11.235
GRAND TOTALS	337	30	841	1208	20.529	1.493	81.231	103.253

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***WOLF CREEK 1**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	1	0	4	5	0.821	0.000	1.855	2.676
OPERATIONS PERSONNEL	28	0	0	28	9.782	0.238	0.121	10.141
HEALTH PHYSICS PERSONNEL	13	0	57	70	5.482	0.032	22.380	27.894
SUPERVISORY PERSONNEL	14	0	6	20	4.126	0.000	2.226	6.352
ENGINEERING PERSONNEL	<u>10</u>	<u>0</u>	<u>3</u>	<u>13</u>	<u>3.199</u>	<u>0.079</u>	<u>0.592</u>	<u>3.870</u>
TOTAL	66	0	70	136	23.410	0.349	27.174	50.933
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	18	0	27	45	6.698	0.000	13.857	20.555
OPERATIONS PERSONNEL	2	0	0	2	0.778	0.001	0.023	0.802
HEALTH PHYSICS PERSONNEL	1	0	1	2	0.834	0.014	0.399	1.247
SUPERVISORY PERSONNEL	6	0	0	6	2.495	0.002	0.377	2.874
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>2</u>	<u>2</u>	<u>0.754</u>	<u>0.185</u>	<u>0.906</u>	<u>1.845</u>
TOTAL	27	0	30	57	11.559	0.202	15.562	27.323
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	14	0	54	68	5.586	0.000	18.942	24.528
OPERATIONS PERSONNEL	0	0	3	3	0.358	0.002	0.758	1.118
HEALTH PHYSICS PERSONNEL	4	0	23	27	1.654	0.000	8.078	9.732
SUPERVISORY PERSONNEL	6	0	7	13	2.303	0.000	2.519	4.822
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>53</u>	<u>53</u>	<u>0.418</u>	<u>0.062</u>	<u>18.401</u>	<u>18.881</u>
TOTAL	24	0	140	164	10.319	0.064	48.698	59.081
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	28	0	134	162	10.076	0.000	50.192	60.268
OPERATIONS PERSONNEL	0	0	0	0	0.132	0.000	0.004	0.136
HEALTH PHYSICS PERSONNEL	6	0	5	11	2.632	0.000	1.977	4.609
SUPERVISORY PERSONNEL	6	0	7	13	3.174	0.000	2.070	5.244
ENGINEERING PERSONNEL	<u>1</u>	<u>1</u>	<u>34</u>	<u>36</u>	<u>0.859</u>	<u>0.222</u>	<u>11.133</u>	<u>12.214</u>
TOTAL	41	1	180	222	16.873	0.222	65.376	82.471
WASTE PROCESSING								
MAINTENANCE PERSONNEL	4	0	0	4	1.298	0.000	0.281	1.579
OPERATIONS PERSONNEL	1	0	2	3	0.437	0.000	0.602	1.039
HEALTH PHYSICS PERSONNEL	13	0	30	43	4.694	0.004	9.571	14.269
SUPERVISORY PERSONNEL	1	0	1	2	0.279	0.000	0.310	0.589
ENGINEERING PERSONNEL	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.023</u>	<u>0.000</u>	<u>0.021</u>	<u>0.044</u>
TOTAL	19	0	33	52	6.731	0.004	10.785	17.520
REFUELING								
MAINTENANCE PERSONNEL	9	0	26	35	2.883	0.000	8.746	11.629
OPERATIONS PERSONNEL	3	0	0	3	0.560	0.000	0.000	0.560
HEALTH PHYSICS PERSONNEL	1	0	2	3	0.742	0.000	1.595	2.337
SUPERVISORY PERSONNEL	5	0	0	5	1.263	0.000	0.397	1.660
ENGINEERING PERSONNEL	<u>2</u>	<u>0</u>	<u>38</u>	<u>40</u>	<u>0.666</u>	<u>0.000</u>	<u>10.648</u>	<u>11.314</u>
TOTAL	20	0	66	86	6.114	0.000	21.386	27.500
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	74	0	245	319	27.362	0.000	93.873	121.235
OPERATIONS PERSONNEL	34	0	5	39	12.047	0.241	1.508	13.796
HEALTH PHYSICS PERSONNEL	38	0	118	156	16.038	0.050	44.000	60.088
SUPERVISORY PERSONNEL	38	0	21	59	13.640	0.002	7.899	21.541
ENGINEERING PERSONNEL	13	1	130	144	5.919	0.548	41.701	48.168
GRAND TOTALS	197	1	519	717	75.006	0.841	188.981	264.828

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***YANKEE-ROWE**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	0	0	0	0	0.025	0.005	0.990	1.020
OPERATIONS PERSONNEL	1	0	0	1	0.348	0.015	0.192	0.555
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.005	0.015	0.157	0.177
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.005	0.005
ENGINEERING PERSONNEL	0	0	0	0	0.010	0.045	0.101	0.156
TOTAL	1	0	0	1	0.388	0.080	1.445	1.913
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	1	1	85	87	0.162	0.313	42.408	42.883
OPERATIONS PERSONNEL	0	0	0	0	0.061	0.000	0.030	0.091
HEALTH PHYSICS PERSONNEL	1	1	34	36	0.192	0.374	12.810	13.376
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.005	0.000	0.005
ENGINEERING PERSONNEL	1	0	1	2	0.258	0.066	0.429	0.753
TOTAL	3	2	120	125	0.673	0.758	55.677	57.108
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	2	2	0.000	0.000	0.525	0.525
OPERATIONS PERSONNEL	0	0	1	1	0.010	0.000	0.353	0.363
HEALTH PHYSICS PERSONNEL	0	0	11	11	0.076	0.000	4.696	4.772
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.005	0.000	0.005
TOTAL	0	0	14	14	0.086	0.005	5.574	5.665
REFUELING								
MAINTENANCE PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	1	1	87	89	0.187	0.318	43.923	44.428
OPERATIONS PERSONNEL	1	0	1	2	0.419	0.015	0.575	1.009
HEALTH PHYSICS PERSONNEL	1	1	45	47	0.273	0.389	17.663	18.325
SUPERVISORY PERSONNEL	0	0	0	0	0.000	0.005	0.005	0.010
ENGINEERING PERSONNEL	1	0	1	2	0.268	0.116	0.530	0.914
GRAND TOTALS	4	2	134	140	1.147	0.843	62.696	64.686

*Workers may be counted in more than one category.

APPENDIX D (Continued)

**NUMBER OF PERSONNEL AND PERSON-REM
BY WORK AND JOB FUNCTION**

1997

PLANT: ***ZION 1,2**

TYPE: **PWR**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL (>100 mREM)				TOTAL PERSON-REM			
	STATION	UTILITY	CONTRACT	TOTAL	STATION	UTILITY	CONTRACT	TOTAL
REACTOR OPS & SURV								
MAINTENANCE PERSONNEL	2	1	24	27	0.241	0.021	2.051	2.313
OPERATIONS PERSONNEL	133	0	0	133	8.200	0.000	0.000	8.200
HEALTH PHYSICS PERSONNEL	56	14	45	115	6.764	0.087	5.084	11.935
SUPERVISORY PERSONNEL	54	0	28	82	1.295	0.000	1.011	2.306
ENGINEERING PERSONNEL	70	0	51	121	2.037	0.000	0.539	2.576
TOTAL	315	15	148	478	18.537	0.108	8.685	27.330
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	137	13	476	626	19.236	0.458	41.127	60.821
OPERATIONS PERSONNEL	13	5	173	191	0.792	0.000	0.461	1.253
HEALTH PHYSICS PERSONNEL	9	75	3	87	1.010	0.469	0.335	1.814
SUPERVISORY PERSONNEL	134	1	48	183	3.243	0.000	1.735	4.978
ENGINEERING PERSONNEL	79	0	51	130	2.298	0.000	0.530	2.828
TOTAL	372	94	751	1217	26.579	0.927	44.188	71.694
IN-SERVICE INSPECTION								
MAINTENANCE PERSONNEL	0	0	5	5	0.009	0.000	0.395	0.404
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	1	1	0.054	0.000	0.068	0.122
SUPERVISORY PERSONNEL	1	0	11	12	0.019	0.000	0.411	0.430
ENGINEERING PERSONNEL	7	0	18	25	0.198	0.000	0.190	0.388
TOTAL	8	0	35	43	0.280	0.000	1.064	1.344
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	30	30	0.000	0.000	2.601	2.601
OPERATIONS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
SUPERVISORY PERSONNEL	1	0	1	2	0.032	0.000	0.026	0.058
ENGINEERING PERSONNEL	0	0	1	1	0.012	0.000	0.011	0.023
TOTAL	1	0	32	33	0.044	0.000	2.638	2.682
WASTE PROCESSING								
MAINTENANCE PERSONNEL	0	0	13	13	0.033	0.000	1.123	1.156
OPERATIONS PERSONNEL	0	0	0	0	0.003	0.000	0.000	0.003
HEALTH PHYSICS PERSONNEL	4	0	3	7	0.489	0.000	0.312	0.801
SUPERVISORY PERSONNEL	3	0	0	3	0.068	0.000	0.001	0.069
ENGINEERING PERSONNEL	0	0	0	0	0.000	0.000	0.000	0.000
TOTAL	7	0	16	23	0.593	0.000	1.436	2.029
REFUELING								
MAINTENANCE PERSONNEL	28	2	41	71	3.934	0.089	3.576	7.599
OPERATIONS PERSONNEL	16	0	36	52	0.987	0.000	0.095	1.082
HEALTH PHYSICS PERSONNEL	1	1	0	2	0.090	0.005	0.013	0.108
SUPERVISORY PERSONNEL	37	0	115	152	0.896	0.000	4.205	5.101
ENGINEERING PERSONNEL	2	0	0	2	0.049	0.000	0.002	0.051
TOTAL	84	3	192	279	5.956	0.094	7.891	13.941
TOTAL BY JOB FUNCTION								
MAINTENANCE PERSONNEL	167	16	589	772	23.453	0.568	50.873	74.894
OPERATIONS PERSONNEL	162	5	209	376	9.982	0.000	0.556	10.538
HEALTH PHYSICS PERSONNEL	70	90	52	212	8.407	0.561	5.812	14.780
SUPERVISORY PERSONNEL	230	1	203	434	5.553	0.000	7.389	12.942
ENGINEERING PERSONNEL	158	0	121	279	4.594	0.000	1.272	5.866
GRAND TOTALS	787	112	1174	2073	51.989	1.129	65.902	119.020

*Workers may be counted in more than one category.