

Appendix A

Annual Personnel Radiation Exposure
Work and Job Function Report
Calendar Year 1998

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PDR ADOCK 05000397
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WNP-2
ANNUAL OPERATING REPORT
WORK AND JOB FUNCTION REPORT
CALENDAR YEAR 1998 (Corrected)

This report was produced with direct reading dosimeter data.

Number of Persons Receiving Over 100 millirem is 678

Total MAN-REM. 267.854

Number of Individuals

Year to Date Dose

	Station Employees	Utility Employees	Contractors and Others	Station Employees	Utility Employees	Contractors and Others
OPERATIONS & SURVEILLANCE						
Maintenance Personnel	59.84	1.45	40.85	11.249	0.331	4.259
Operating Personnel	28.05	1.00	99	10.743	0.116	0.382
Health Physics Personnel	7.88	29	23	2.068	0.004	0.281
Supervisory Personnel	6.18	1.16	62	0.616	0.199	0.003
Engineering Personnel	8.80	9.69	22.40	1.175	1.880	1.849
ROUTINE MAINTENANCE						
Maintenance Personnel	55.60	1.91	121.13	26.695	0.987	39.620
Operating Personnel	1.19	.00	11	2.354	0.000	0.175
Health Physics Personnel	17.79	.00	40.02	7.768	0.000	13.368
Supervisory Personnel	2.37	.11	12	1.026	0.031	0.050
Engineering Personnel	3.88	3.33	11.59	0.800	1.594	2.370
INSERVICE INSPECTION						
Maintenance Personnel	4.48	.01	86.16	7.531	0.001	53.027
Operating Personnel	.04	.00	.00	0.040	0.000	0.000
Health Physics Personnel	.13	.00	1.31	0.111	0.000	0.383
Supervisory Personnel	.03	.00	.43	0.010	0.000	0.218
Engineering Personnel	1.78	.87	22.45	0.682	0.823	22.601
SPECIAL MAINTENANCE						
Maintenance Personnel	11.06	.08	41.21	3.801	0.035	9.109
Operating Personnel	.08	.00	.03	0.080	0.000	0.016
Health Physics Personnel	1.13	.00	1.38	0.731	0.000	0.474
Supervisory Personnel	.41	.10	.00	0.112	0.019	0.000
Engineering Personnel	1.95	1.34	5.47	0.261	0.285	5.424
WASTE PROCESSING						
Maintenance Personnel	.53	.57	.00	0.474	0.668	0.000
Operating Personnel	.00	.00	.87	0.000	0.000	0.320
Health Physics Personnel	.06	.00	.01	0.135	0.000	0.028
Supervisory Personnel	.00	.00	.00	0.000	0.000	0.000
Engineering Personnel	.00	.00	.00	0.000	0.000	0.000
REFUELLING						
Maintenance Personnel	19.50	.00	6.45	20.601	0.000	1.433
Operating Personnel	.62	.00	.00	0.388	0.000	0.000
Health Physics Personnel	1.04	.71	3.01	0.543	0.099	1.289
Supervisory Personnel	3.06	.65	.82	1.687	0.269	0.241
Engineering Personnel	1.61	5.62	1.13	0.386	0.933	0.540
TOTAL						
Maintenance Personnel	151.01	4.02	295.80	70.351	2.022	107.448
Operating Personnel	29.96	1.00	2.00	13.605	0.116	0.893
Health Physics Personnel	28.03	1.00	45.96	11.356	0.103	15.823
Supervisory Personnel	12.05	2.02	1.99	3.442	0.518	0.512
Engineering Personnel	18.02	20.85	64.04	3.304	5.515	32.784
GRAND TOTAL	239.09	28.89	409.79	102.058	8.274	157.460

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Description of Special Maintenance

- Installation of reactor closed cooling system filter demineralizer and coupon station
- Re-work of instrument rack tubing
- Modification of condensate system demineralizer COND-DM-1A septa and hold pump
- Resolution of Thermo-Lag fire retardant material issues
- Installation of fire-rated cabling in reactor and radwaste buildings
- Re-routing of feedwater system heater drainline piping
- Installation of turbine service water system isolation valves
- Replacement of emergency core cooling system suction strainers
- Removal of turbine service water system dead-leg piping to the offgas system vault HVAC units
- Re-work of biological shield wall penetration seals
- Modification of floor drain radioactive system sparger for tank FDR-TK-22
- Re-work of fire-rated penetration seals
- Removal of residual heat removal/condensate system cross-ties and installation of blind flanges
- Removal of undervessel/waste transfer detector
- Assessment of flood damage and repair of residual heat removal system pump RHR-P-2C
- Assessment of flood damage and repair of floor drain radioactive system level switch FDR-LS-2B
- Assessment of flood damage and repair of low pressure core spray system flow control valve LPCS-FCV-11
- Assessment of flood damage to electrical and instrument raceways and conduit
- Assessment of flood damage and re-work of penetration seals
- Installation of pipe cap on residual heat removal system radioactive equipment drain