

SECTION II

STATISTICAL SUMMARY REPORT  
ROBINSON STEAM ELECTRIC PLANT - 1978

JANUARY THROUGH DECEMBER

LICENSE NO. DPR-23

WHOLE BODY EXPOSURE RANGE (REM)	NO. OF INDIVIDUALS IN RANGE
NONE MEASURABLE	799
LESS THAN 0.1	334
0.1 to 0.25	95
0.25 to 0.50	53
0.50 to 0.75	46
0.75 to 1.00	48
1 to 2	166
2 to 3	134
3 to 4	46
4 to 5	21
5 to 6	0
6 to 7	0
7 to 8	0
8 to 9	0
9 to 10	0
10 to 11	0
11 to 12	0
12 AND OVER	0
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TOTAL	1742

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## APPENDIX B

## STANDARD FORMAT FOR REPORTING NUMBER OF PERSONNEL AND MAN-REMS BY WORK AND JOB FUNCTION

Work & Job Function	Number of Personnel ( > 100 mrem)			Total Man-Rem		
	Station Employees	Utility Employees	Other Workers	Station Employees	Utility Employees	Other Workers
<u>REACTOR OPERATIONS &amp; SUV.</u>						
Maintenance Personnel	1	0	0	4.185	0.223	0
Operating Personnel	16	0	10	32.647	0	3.669
Health Physics Personnel	6	0	0	12.854	4.812	0
Supervisory Personnel	0	0	0	0.096	0.206	0.017
Engineering Personnel	4	2	0	2.371	1.327	0
<u>ROUTINE MAINTENANCE</u>						
Maintenance Personnel	15	4	28	38.525	5.590	19.185
Operating Personnel	0	0	0	0.833	0	0
Health Physics Personnel	5	0	0	12.352	5.513	0
Supervisory Personnel	0	0	0	0.140	0	0
Engineering Personnel	0	0	0	0.471	0	0
<u>INSERVICE INSPECTION</u>						
Maintenance Personnel	0	0	0	0.803	0	0
Operating Personnel	0	0	0	0	0	0
Health Physics Personnel	0	0	0	0.529	0.425	0
Supervisory Personnel	0	0	0	0	0	0
Engineering Personnel	4	2	7	6.334	0.816	1.007
<u>SPECIAL MAINTENANCE</u>						
Maintenance Personnel	13	15	157	26.436	28.361	257.094
Operating Personnel	4	0	0	8.243	0	0
Health Physics Personnel	7	7	17	14.036	7.576	15.569
Supervisory Personnel	6	0	0	2.182	0	0
Engineering Personnel	10	8	61	19.153	2.848	76.540
<u>WASTE PROCESSING</u>						
Maintenance Personnel	4	0	28	10.786	1.688	41.625
Operating Personnel	15	0	0	28.953	0	0
Health Physics Personnel	4	0	0	7.254	2.493	0
Supervisory Personnel	0	0	0	0.164	0	0
Engineering Personnel	0	0	0	0.201	0	0
Decon Personnel	-	-	-	-	-	-
<u>REFUELING</u>						
Maintenance Personnel	21	27	51	52.556	52.978	75.618
Operating Personnel	12	0	0	20.856	0	0
Health Physics Personnel	3	5	11	5.320	3.785	6.672
Supervisory Personnel	1	0	0	0.262	0	0
Engineering Personnel	3	2	21	3.018	0.816	27.590
<u>DECONNING</u>						
Decon Personnel	-	-	-	-	-	-
Health Physics Personnel	-	-	-	-	-	-
<u>TOTAL</u>						
Maintenance Personnel	54	46	264	133.291	88.840	393.522
Operating Personnel	47	0	10	91.532	0	3.669
Health Physics Personnel	25	12	28	52.345	24.604	22.241
Supervisory Personnel	7	0	0	2.844	0.206	0.017
Engineering Personnel	21	14	89	31.548	5.807	105.137
Decon Personnel	-	-	-	-	-	-
<b>GRAND TOTAL</b>	<b>154</b>	<b>72</b>	<b>391</b>	<b>311.560</b>	<b>119.457</b>	<b>524.586</b>

ENCLOSURE 2

CHANGES, TESTS AND EXPERIMENTS PURSUANT  
TO 10 CFR 50.59

As permitted by 10 CFR 50.59 (a) (1), changes were made at the Robinson Plant that changed the facility as described in the Safety Analysis Report but did not constitute an unreviewed safety question, nor required a change to the Technical Specifications. These changes are as follows:

1. One major facility change was completed in 1978 which involved the installation of 4-inch globe valves as a replacement to the atmosphere steam dump valves removed in 1977. This will allow maintenance to be performed in the Main Steam System without a dangerous buildup in steam pressure. The globe valve replaced the blind flange discussed and analyzed in the 1977 Annual Report, Section III.

No other changes require reporting pursuant to 10 CFR 50.59.

As permitted by 10 CFR 50.59 (a) (1), tests or experiments were performed which were not described in the Safety Analysis Report but did not constitute an unreviewed safety question, nor required a change to the Technical Specifications. These tests are as follows:

1. A new procedure for inspection of exposed fuel in the spent fuel pit was established. This inspection did not affect the safety of the plant nor did it endanger the health and safety of the general public.
2. A special test was established to confirm vendor data to allow operation of Reactor Coolant Pumps at lowered primary system pressures. This test did not affect the safety of the plant nor did it endanger the health and safety of the general public.

No other tests or experiments require reporting pursuant to 10 CFR 50.59.