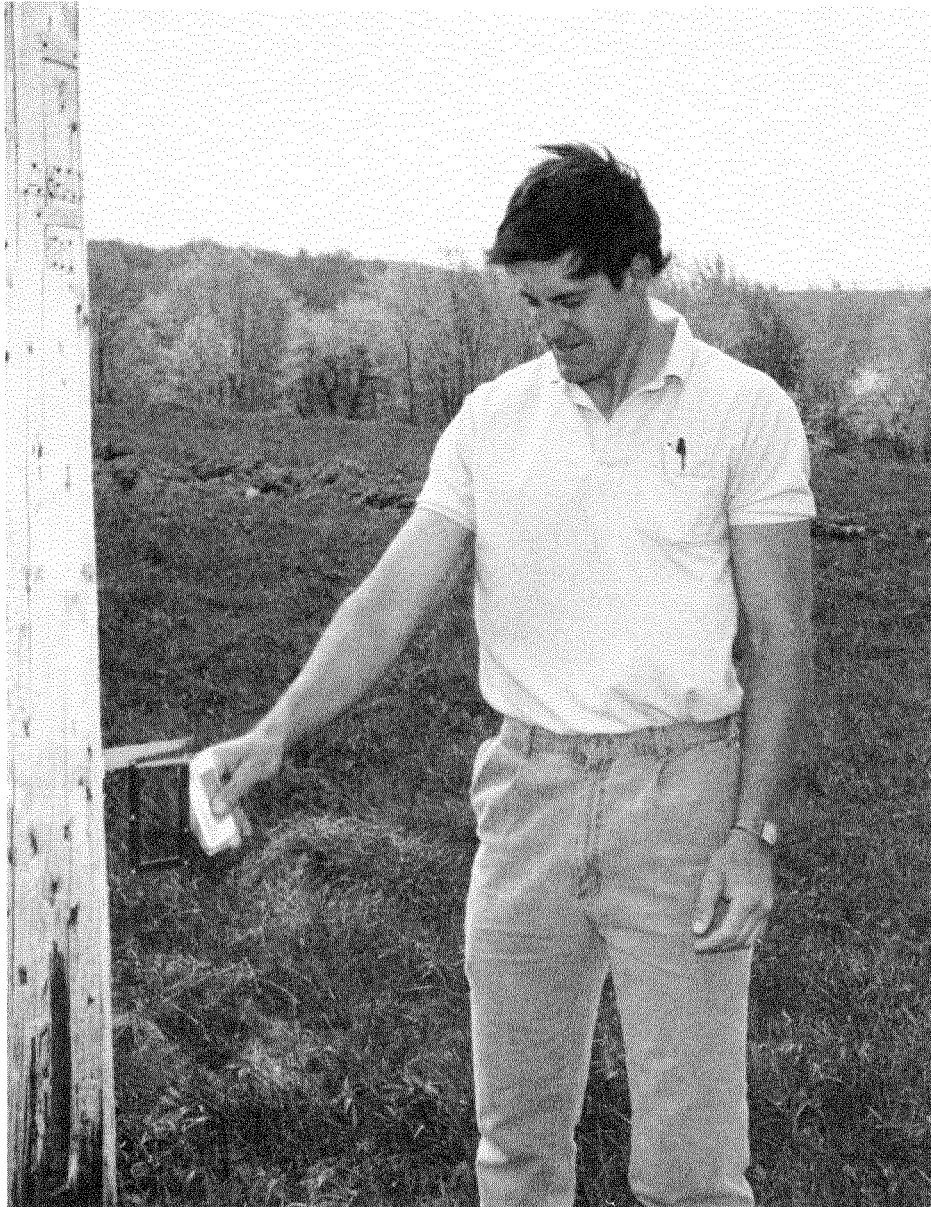


Appendix C - 4

Summary of Direct Radiation Monitoring Data



Exchanging an Environmental TLD Package

Table C - 4.1
Summary of 1992 Quarterly Averages of TLD Measurements
(Roentgen \pm 3 SD/Quarter)

<i>Location Number*</i>	<i>1st Quarter</i>	<i>2nd Quarter</i>	<i>3rd Quarter</i>	<i>4th Quarter</i>	<i>Location Average</i>
1	.021 \pm .008	.017 \pm .003	.023 \pm .005	.020 \pm .003	.020 \pm .004
2	.021 \pm .006	.017 \pm .003	.021 \pm .003	.020 \pm .001	.020 \pm .003
3	.021 \pm .006	.016 \pm .001	.019 \pm .002	.020 \pm .001	.019 \pm .003
4	.020 \pm .001	.016 \pm .001	.020 \pm .003	.020 \pm .003	.019 \pm .002
5	.022 \pm .006	.016 \pm .001	.021 \pm .002	.020 \pm .005	.020 \pm .003
6	.020 \pm .008	.015 \pm .005	.020 \pm .002	.019 \pm .002	.019 \pm .004
7	.017 \pm .001	.016 \pm .003	.018 \pm .002	.019 \pm .005	.018 \pm .003
8	.021 \pm .003	.016 \pm .003	.020 \pm .002	.019 \pm .002	.019 \pm .002
9	.019 \pm .006	.016 \pm .002	.019 \pm .003	.019 \pm .003	.018 \pm .003
10	.018 \pm .005	.016 \pm .002	.021 \pm .002	.020 \pm .002	.019 \pm .003
11	.022 \pm .004	.018 \pm .005	.022 \pm .003	.022 \pm .005	.021 \pm .004
12	.021 \pm .008	.016 \pm .003	.020 \pm .003	.020 \pm .004	.019 \pm .004
13	.022 \pm .006	.018 \pm .001	.022 \pm .002	.021 \pm .004	.021 \pm .003
14	.022 \pm .006	.018 \pm .003	.022 \pm .002	.022 \pm .002	.021 \pm .003
15	.019 \pm .007	.016 \pm .001	.020 \pm .001	.019 \pm .003	.018 \pm .003
16	.021 \pm .004	.018 \pm .004	.021 \pm .003	.020 \pm .004	.020 \pm .003
17	.023 \pm .007	.019 \pm .003	.021 \pm .003	.020 \pm .001	.020 \pm .004
18**	.044 \pm .006	.040 \pm .004	.042 \pm .003	.046 \pm .007	.043 \pm .005
19**	.025 \pm .013	.022 \pm .006	.025 \pm .006	.024 \pm .003	.024 \pm .007
20	.021 \pm .003	.017 \pm .002	.021 \pm .003	.019 \pm .002	.019 \pm .003
21	.024 \pm .014	.017 \pm .001	.021 \pm .004	.020 \pm .001	.021 \pm .005
22	.022 \pm .004	.017 \pm .003	.020 \pm .004	.019 \pm .001	.019 \pm .003
23	.021 \pm .003	.015 \pm .002	.020 \pm .002	.020 \pm .002	.019 \pm .002
24**	1.290 \pm .134	1.125 \pm .174	1.082 \pm .189	1.079 \pm .088	1.144 \pm .146
25	.034 \pm .004	.032 \pm .012	.032 \pm .002	.031 \pm .002	.032 \pm .005
26	.030 \pm .005	.028 \pm .002	.031 \pm .001	.028 \pm .005	.029 \pm .003
27	.025 \pm .009	.019 \pm .002	.022 \pm .002	.022 \pm .004	.022 \pm .004
28	.027 \pm .016	.021 \pm .003	.024 \pm .003	.022 \pm .002	.023 \pm .006
29	.027 \pm .007	.020 \pm .003	.025 \pm .004	.024 \pm .003	.024 \pm .004
30	.031 \pm .006	.025 \pm .006	.029 \pm .002	.028 \pm .002	.028 \pm .004
31	.022 \pm .005	.019 \pm .002	.021 \pm .003	.021 \pm .004	.021 \pm .004
32	.034 \pm .021	.029 \pm .003	.031 \pm .003	.032 \pm .002	.031 \pm .007
33	.040 \pm .010	.034 \pm .004	.037 \pm .008	.042 \pm .003	.038 \pm .006
34	.060 \pm .006	.056 \pm .007	.054 \pm .007	.067 \pm .007	.059 \pm .007
35	.086 \pm .010	.079 \pm .003	.068 \pm .007	.087 \pm .011	.080 \pm .008
36	.075 \pm .010	.070 \pm .011	.067 \pm .006	.076 \pm .006	.072 \pm .008
37	.023 \pm .006	.016 \pm .002	.019 \pm .002	.019 \pm .001	.019 \pm .002
38**	.047 \pm .011	.040 \pm .007	.043 \pm .005	.040 \pm .005	.042 \pm .007
39**	.087 \pm .024	.073 \pm .009	.078 \pm .014	.073 \pm .010	.078 \pm .014
40**	.217 \pm .039	.190 \pm .018	.202 \pm .018	.162 \pm .020	.193 \pm .024
41	.022 \pm .004	.016 \pm .003	.018 \pm .001	.019 \pm .003	.019 \pm .003
Quarterly Average**	.028 \pm .007	.023 \pm .003	.026 \pm .003	.027 \pm .003	.026 \pm .004

* Locations shown on Figures A-7 and A-8.

** TLDs 18, 19, 24, 38, 39, and 40 are not included in the quarterly averages.

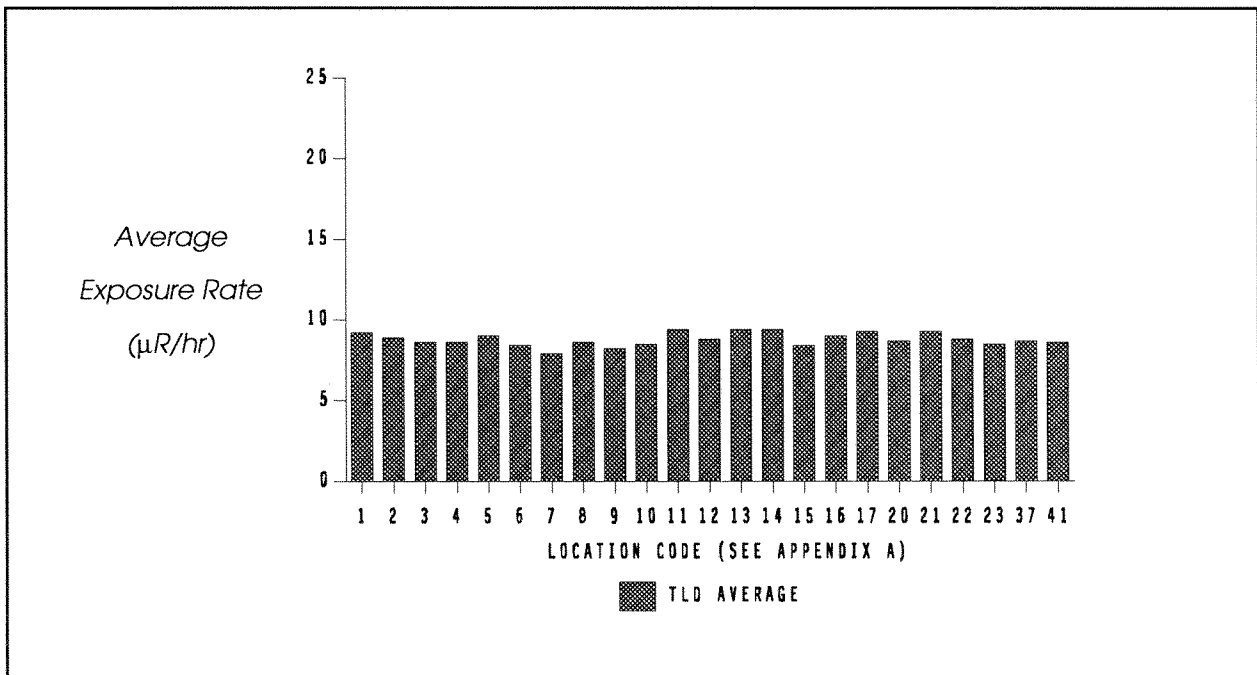


Figure C - 4.1

1992 Average Quarterly Gamma Exposure Rates around the West Valley Demonstration Project Site

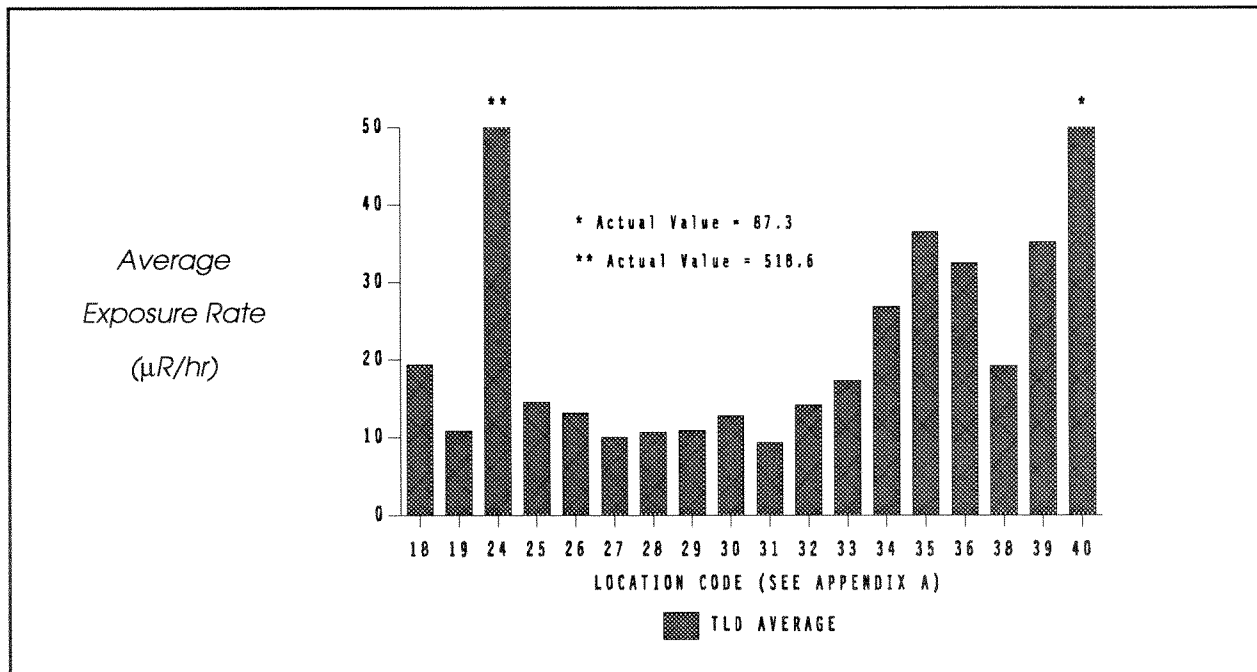


Figure C - 4.2

1992 Average Quarterly Gamma Exposure Rates on the West Valley Demonstration Project Site