



**Pacific Gas and
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U.S. Nuclear Regulatory Commission
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Washington, DC 20555-0001

Docket No. 50-275, OL-DPR-80
Docket No. 50-323, OL-DPR-82
Diablo Canyon Units 1 and 2
Annual Technical Specification 6.9.1.4 Report

Dear Commissioners and Staff:

In accordance with Technical Specification (TS) 6.9.1.4, Annual Reports, PG&E is submitting the annual tabulation of exposure to radiation for 1999.

TS 6.9.1.4 requires an annual report that includes a tabulation of the number of station, utility, and other personnel receiving exposure greater than 100 mrem/yr and their associated man-rem exposure according to work and job function. The information is provided in accordance with the standard format of Regulatory Guide 1.16.

TS 6.9.1.4 also requires the reporting of the results of specific activity analysis in which the primary coolant exceeded the limits of TS 3.4.8. There were no instances during 1999 when the primary coolant exceeded the limits of TS 3.4.8.

Sincerely,

Gregory M. Rueger

cc: Steven D. Bloom
Ellis W. Merschoff
David L. Proulx
Diablo Distribution

Enclosure

LMP/1211/R0194582

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Pacific Gas and Electric Company

Diablo Canyon Power Plant

Units 1 and 2

Annual Tabulation of Exposure to Radiation for 1999

**Standard Format for Reporting Number of Personnel
 and Man-Rem by Work and Job Function**

Work and Job Function (Personnel Grouping)	Number of Personnel* (>100 mRem)			Total Man-Rem		
	Station Employee	Utility Employee	Contract Worker & Others	Station Employees	Utility Employees	Contract Workers & Others
<i>Reactor Operations and Surveillance</i>						
Maintenance	6	0	1	0.019	0.000	0.001
Operating	54	0	0	3.524	0.000	0.000
Health Physics	3	0	0	0.032	0.000	0.000
Supervisory	0	0	0	0.000	0.000	0.000
Engineering	1	0	0	0.002	0.000	0.000
<i>Routine Maintenance</i>						
Maintenance	115	1	181	4.302	0.017	4.832
Operating	36	1	4	0.439	0.003	0.057
Health Physics	65	1	47	6.821	0.006	1.607
Supervisory	2	0	0	0.012	0.000	0.000
Engineering	40	1	4	1.613	0.030	0.129
<i>Inservice Inspection</i>						
Maintenance	5	0	15	0.200	0.000	3.668
Operating	2	0	0	0.486	0.000	0.000
Health Physics	0	0	0	0.000	0.000	0.000
Supervisory	0	0	0	0.000	0.000	0.000
Engineering	5	1	2	1.363	0.323	1.106
<i>Special Maintenance</i>						
Maintenance	39	0	65	5.190	0.000	10.883
Operating	6	0	2	0.274	0.000	0.044
Health Physics	26	0	4	0.836	0.000	0.242
Supervisory	2	0	0	0.049	0.000	0.000
Engineering	24	0	3	0.953	0.000	0.297

**Standard Format for Reporting Number of Personnel
 and Man-Rem by Work and Job Function**

Work and Job Function (Personnel Grouping)	Number of Personnel* (>100 mRem)			Total Man-Rem		
	Station Employee	Utility Employee	Contract Worker & Others	Station Employees	Utility Employees	Contract Workers & Others
<i>Waste Processing</i>						
Maintenance	12	0	2	0.188	0.000	0.012
Operating	3	0	1	0.014	0.000	0.144
Health Physics	34	0	8	5.717	0.000	1.032
Supervisory	0	0	0	0.000	0.000	0.000
Engineering	1	0	0	0.009	0.000	0.000
<i>Refueling</i>						
Maintenance	135	8	474	70.278	1.329	198.445
Operating	65	1	6	9.548	0.227	1.148
Health Physics	69	1	101	22.985	0.306	43.374
Supervisory	3	1	1	1.245	0.269	0.587
Engineering	58	1	6	16.232	0.219	1.696
<i>Total</i>						
Maintenance	312	9	738	80.177	1.346	217.841
Operating	166	2	13	14.285	0.230	1.393
Health Physics	197	2	160	36.391	0.312	46.255
Supervisory	7	1	1	1.306	0.269	0.587
Engineering	129	3	15	20.172	0.572	3.228
Grand Total:	811	17	927	152.331	2.729	269.304

* The "Number of Personnel" listed in the upper section of the table, are the number of personnel in the department receiving > 100 mRem. However, their entire dose was not necessarily received on a single Job Function. The personnel may have received their dose from multiple Job Functions. Therefore, depending on how many jobs contributed to their dose, the same person may be counted multiple times in the lower "totals" section of the table.