



**Pacific Gas and  
Electric Company**

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PG&E Letter DCL-03-095

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

Docket No. 50-275, OL-DPR-80  
Docket No. 50-323, OL-DPR-82  
Diablo Canyon Units 1 and 2  
Supplement 1 to License Amendment Request 03-05  
Revision of Technical Specification (TS) 3.7.10, "Control Room Ventilation System (CRVS)," TS 3.7.12, "Auxiliary Building Ventilation System (ABVS)," TS 3.7.13, "Fuel Handling Building Ventilation System (FHBVS)," and TS 5.5.11, "Ventilation Filter Testing Program (VFTP)."

Dear Commissioners and Staff:

On April 2, 2003, in PG&E letter DCL-03-034, PG&E submitted License Amendment Request (LAR) 03-05, "Revision of Technical Specification (TS)," 3.7.10, "Control Room Ventilation System (CRVS)," TS 3.7.12, "Auxiliary Building Ventilation System (ABVS)," TS 3.7.13, "Fuel Handling Building Ventilation System (FHBVS)," and TS 5.5.11, "Ventilation Filter Testing Program (VFTP)." The LAR, in part, proposed to revise TS 3.7.13 "Fuel Handling Building Ventilation System (FHBVS)" to add the word "recently" to qualify the irradiated fuel in the statement of applicability.

In support of that change, a new fuel handling accident analysis for the fuel storage area was performed. During a review of the LAR for impact on other potential changes to the TS, PG&E discovered that the LAR reflected preliminary analysis results, and had not been completely updated to reflect the final results of the analysis. The enclosed page 11 of DCL-03-034 has been revised to reflect the corrected dose numbers, and supersedes the same numbered page in Enclosure 1 of DCL-03-034.

Within the tables of this enclosed replacement page, the data have been revised as follows: The new calculated dose for the control room at 30 days was changed from 14 rem thyroid and 0.00466 rem whole body, to 22.3 rem thyroid and 0.00752 rem whole body. Although these doses are approximately 50 percent higher than those originally reported, they are still significantly lower than the general design criterion 19 dose limits of 30 rem to the thyroid and 5 rem to the whole body.

ADD



Also the new calculated dose at 2 hours for the low population zone was revised from 4.27 rem to 0.112 rem total effective dose equivalent (TEDE). This revised dose is significantly less than the value previously provided in the subject LAR, and remains below the RG 1.183 acceptable dose guideline of 6.3 rem TEDE.

The corrections provided in this supplement do not change the conclusions of the safety evaluation and the no significant hazards determination previously transmitted in PG&E Letter DCL-03-034.

Sincerely,

David H. Oatley  
*Vice President and General Manager-Diablo Canyon*

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Enclosure

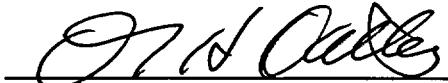
cc: Edgar Bailey, DHS  
Thomas P. Gwynn  
David L. Proulx  
Diablo Distribution  
cc/enc: Girija S. Shukla

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of PACIFIC GAS AND ELECTRIC COMPANY	) Docket No. 50-275 ) Facility Operating License ) No. DPR-80 )
Diablo Canyon Power Plant Units 1 and 2	) Docket No. 50-323 ) Facility Operating License ) No. DPR-82


AFFIDAVIT

David H. Oatley, of lawful age, first being duly sworn upon oath says that he is Vice President and General Manager - Diablo Canyon; that he has executed Supplement 1 to License Amendment Request 03-05 on behalf of said company with full power and authority to do so; that he is familiar with the content thereof; and that the facts stated therein are true and correct to the best of his knowledge, information, and belief.

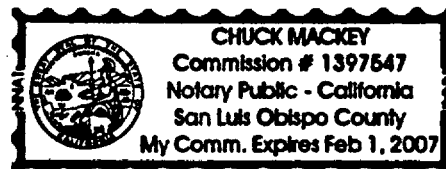


David H. Oatley  
*Vice President and General Manager-Diablo Canyon*

Subscribed and sworn to before me this 8<sup>th</sup> day of August, 2003.



Notary Public  
County of San Luis Obispo  
State of California



control room dose consequences to assure that these remain below the 10 CFR 50, Appendix A, GDC 19, "Control Room" equivalent limits of 30 rem thyroid and beta skin, and 5 rem whole body.

The first of the two following tables shows the previous (current) exclusion area and offsite boundary dose consequences calculated for the FHA in the FHB. The values provided are from the FSAR Table 15.5-47. No previous values for the control room dose are given because there was no requirement for the control room dose to be determined for the previous FHA analysis in the FHB. The second table shows the new exclusion area, offsite boundary and control room dose consequences calculated for a FHA in the FHB at 100 hours after a fuel assembly is removed from the reactor.

**Current Doses (from FSAR Table 15.5.47)**

Dose (rem)	Thyroid		Whole Body	
	Analysis	Limit	Analysis	Limit
2-hr Exclusion Area Boundary	22.2	300	2.45	25
30 day Low Population Zone Boundary	0.923	300	0.102	25

**New Doses**

Dose (rem)	Thyroid		Whole Body	
	Analysis	Limit	Analysis	Limit
30 day Control Room	22.3	30	0.00752	5

Dose (rem)	TEDE	
	Analysis	Limit
2 hour EAB	4.27	6.3
2 hour LPZ	0.112	6.3

**Fuel Handling Accident Analysis Methodology**

The new FHA in the FHB analysis was performed using the Bechtel standard computer program LOCADOSE, NE319, Release 6.0. This analysis provides the resultant radiological doses for the control room, exclusion area boundary, and low population zone. The LOCADOSE, NE319 program has been accepted for use in the industry and has been verified and validated.

LOCADOSE calculates radioactive material activities within regions in the plant, radioactive releases from regions of the plant, and doses and dose rates within regions of the plant and offsite locations. The solutions are obtained by solving a system of coupled differential radiation transport equations with boundary values. The