



**Pacific Gas and  
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February 7, 2002

PG&E Letter DIL-02-002

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

Docket No. 72-26  
Diablo Canyon Independent Spent Fuel Storage Installation  
Submittal of Diablo Canyon ISFSI Safety Analysis Report Table 8.3-1

Dear Commissioners and Staff:

By PG&E Letter DIL-01-002, dated December 21, 2001, Pacific Gas and Electric Company submitted an application to the Nuclear Regulatory Commission requesting a site-specific license for an Independent Spent Fuel Storage Installation (ISFSI) at the Diablo Canyon Power Plant. The application included a Safety Analysis Report (SAR), Environmental Report, and other required documents in accordance with 10 CFR 72.

We have discovered that Diablo Canyon ISFSI SAR Table 8.3-1, "Summary of Site Characteristics Affecting Safety Analysis," was inadvertently omitted during printing of the December 21, 2001, submittal, and are enclosing the table and a corrected List of Current Pages to reflect the table.

Please insert Table 8.3-1 after Table 8.2-14 and replace the List of Current Pages with the enclosed List of Current Pages in your copy of the Diablo Canyon ISFSI SAR binder. We apologize for any inconvenience.

If you have any questions regarding this matter, please contact Mr. Terence Grebel at (805) 595-6382.

Sincerely,

Lawrence F. Womack

Enclosures

*NMSSOI Public*



gwh2

cc: Diablo Distribution  
cc/enc: Brian Gutherman  
Timothy J. Kobetz  
Ellis W. Merschoff  
Thomas A. Moulia  
David L. Proulx  
David A. Repka  
Girija S. Shukla  
Roy B. Willis

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

\_\_\_\_\_ ) Docket No. 72-26  
In the Matter of )  
PACIFIC GAS AND ELECTRIC COMPANY )  
 )  
Diablo Canyon )  
Independent Spent Fuel Storage )  
Installation )  
\_\_\_\_\_ )

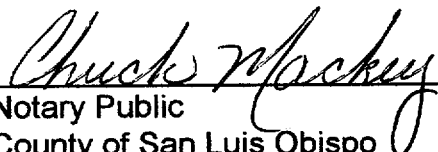
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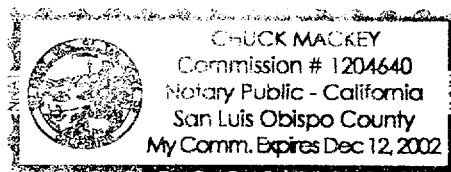
Lawrence F. Womack, of lawful age, first being duly sworn upon oath says that he is Vice President, Nuclear Services of Pacific Gas and Electric Company; that he has executed PG&E Letter DIL-02-002 (Submittal of Diablo Canyon ISFSI Safety Analysis Report Table 8.3-1) on behalf of said company with full 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.



Lawrence F. Womack  
Vice President, Nuclear Services

Subscribed and sworn to before me this 7 th day of February, 2002.

  
Notary Public  
County of San Luis Obispo  
State of California



DIABLO CANYON ISFSI  
SAFETY ANALYSIS REPORT

TABLE 8.3-1

SUMMARY OF SITE CHARACTERISTICS AFFECTING SAFETY ANALYSIS

Site Characteristic	Effect on ISFSI Safety Analysis
Severe environmental conditions in summer and winter	Thermal analyses of the effects of abnormally high ambient temperatures on the storage system considered climatic conditions of the area. Design temperatures were selected to bound day/night average maximum temperatures that could occur over a period of several days. (SAR Sections 3.2 and 8.2.10)
Tornado winds and missiles	Regional meteorology and plant conditions were considered in the determination of the design basis tornado maximum wind and missile parameters. (SAR Sections 3.2 and 8.2.2)
Earthquakes	Regional and site geology and seismology were used to define the design basis ground motion. (SAR Sections 3.2 and 8.2.1)
Explosions	Site-specific conditions were evaluated and bounded by the cask design. Administrative controls are used to limit the risk. (SAR Sections 2.2, 3.3, and 8.2.6)
Fires	The evaluation of fire potential was based on the site characteristics and equipment, as well as the systems that are used to transfer canisters and storage casks. (SAR Sections 2.2, 3.3, and 8.2.5)
Lightning	Evaluation determined cask design acceptable. (SAR Sections 3.2 and 8.2.8)
Transmission line strike	Evaluation determined storage cask and transfer cask design acceptable. (SAR Sections 2.2 and 8.2.8)
Transmission tower collapse	Evaluation determined cask design acceptable. (SAR Sections 2.2 and 8.2.16)
Flooding	ISFSI pad and CTF evaluated and determined to be acceptable. (SAR Sections 3.2 and 8.2.3)
Slope Stability	The stability of the slopes adjacent to the storage pad, CTF, and transport route have been evaluated and protective measures taken as appropriate. (SAR Sections 2.6.5 and 4.2.1.1.9)
Site location	ISFSI site is remote, with less than 20 individuals residing within 5 miles of the site. (SAR Section 2.1)

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