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 RECIP. NAME    RECIPIENT AFFILIATION  
                  Document Control Branch (Document Control Desk) *To Tech Specs.*

SUBJECT: Forwards LAR 95-01 to Licenses DPR-80 & DPR-82, revising TS  
 3/4.9.14.1, 3/4.9.14.2, 5.3.1 & 5.6.1 & adding new TS  
 3/4.9.14.3 to increase max fuel enrichment limit for new &  
 spent fuel pool racks.

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Gregory M. Rueger  
Senior Vice President and  
General Manager  
Nuclear Power Generation

February 6, 1995

PG&E Letter DCL-95-028



U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Docket No. 50-275, OL-DPR-80

Docket No. 50-323, OL-DPR-82

Diablo Canyon Units 1 and 2

License Amendment Request 95-01

Revision of Technical Specifications 3/4.9.14.1, 3/4.9.14.2, 5.3.1, and 5.6.1, and  
Addition of New Technical Specification 3/4.9.14.3 - Increase in Maximum Fuel  
Enrichment Limit for New and Spent Fuel Pool Racks

Gentlemen:

Enclosed is an application for amendment to Facility Operating License Nos. DPR-80 and DPR-82. This license amendment request (LAR) proposes to change Technical Specification (TS) 3/4.9.14.1, "Spent Fuel Assembly Storage," TS 3/4.9.14.2, "Spent Fuel Pool Boron Concentration," TS 5.3.1, "Reactor Core - Fuel Assemblies," and TS 5.6.1, "Fuel Storage - Criticality." This LAR also proposes to add new TS 3/4.9.14.3, "Spent Fuel Assembly Storage - Spent Fuel Pool Region 1."

The proposed changes would allow the storage of fuel with enrichments up to and including 5.0 weight percent U-235. The effects of the higher enrichment fuel on core design parameters will be evaluated as part of the cycle-specific reload safety evaluation process prior to any use of 5.0 weight percent U-235 fuel in the reactor. The proposed changes would also clarify that substitution of fuel rods with filler rods is acceptable for fuel designs that have been analyzed with applicable NRC-approved codes and methods. This clarification is consistent with NRC guidance in Generic Letter 90-02, Supplement 1, "Alternative Requirements for Fuel Assemblies in the Design Features Section of Technical Specifications." The LAR also proposes a change to allow Zircaloy-4 or ZIRLO fuel cladding in the future, consistent with 10 CFR 50.44 and 50.46.

The changes proposed in this LAR are not required to address an immediate safety concern. However, new fuel for Unit 2 Cycle 8 must be ordered by March 1995. Therefore, in order to support the receipt and storage of higher

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February 6, 1995  
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enrichment fuel, PG&E requests that the NRC review and issue a license amendment by April 30, 1995. PG&E requests that the TS changes become effective 30 days from the issuance of the license amendment.

Sincerely,

A handwritten signature in black ink, appearing to read 'Gregory M. Rueger'. The signature is written in a cursive style with a horizontal line at the end.

Gregory M. Rueger

cc: Edgar Bailey, DHS  
L. J. Callan  
Melanie A. Miller  
Kenneth E. Perkins (w/o enc.)  
Michael D. Tschiltz  
Diablo Distribution (w/o enc.)

Enclosure

1228S/PSN/424

