



**Pacific Gas and  
Electric Company**

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PG&E Letter HIL-18-006

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

10 CFR 72.42

Docket No. 72-27, Materials License No. SNM-2514  
Humboldt Bay Independent Spent Fuel Storage Installation  
License Renewal Application for the Humboldt Bay Independent Spent Fuel Storage  
Installation

- References:
1. NUREG-1927, Revision 1, Standard Review Plan for  
Renewal of Specific Licenses and Certificates of Compliance  
for Dry Storage of Spent Nuclear Fuel, Nuclear Regulatory  
Commission, Office of Nuclear Material Safety and  
Safeguards, dated June 2016
  2. NEI 14-03, Revision 2, Format, Content and Implementation  
Guidance for Dry Cask Storage Operations-Based Aging  
Management, dated December 2016

Dear Commissioners and Staff:

Pursuant to 10 CFR 72.42, Pacific Gas and Electric Company (PG&E) submits the attached application for renewal of the Humboldt Bay (HB) site-specific Independent Spent Fuel Storage Installation (ISFSI) License SNM-2514. The current license expires November 17, 2025. The application requests that this license be renewed for an additional 40 years beyond the current expiration date. The License Renewal Application (LRA) format and content are based on 10 CFR Part 72 and the guidance contained in References 1 and 2.

The LRA is included in the Enclosure and is provided on one disk labeled, "Humboldt Bay Independent Spent Fuel Storage Installation Site Specific License Renewal Application, Revision 0, July 2018." It should be noted that the disk also contains a copy of the HB ISFSI living Updated Final Safety Analysis Report (UFSAR) as of March 2018. The UFSAR contains the current design bases information as required by 10 CFR 72.70 and is being provided for reference purposes. The contents are in Adobe Acrobat Portable Document Format (pdf).

NM5526



The disk contains the following files:

Filename	File Size
HB ISFSI Living FSAR – March 2018.pdf	227 MB
Humboldt Bay ISFSI License Renewal Application, Rev. 0.pdf	8.94 MB

PG&E's decision to submit the LRA early is based on the current availability of individuals knowledgeable in the license renewal process, and the original design and licensing of the HB ISFSI.

PG&E requests a 60-day implementation period after receiving the renewed license so that applicable program and procedure changes can be completed.

PG&E makes no new or revised regulatory commitments (as defined by NEI 99-04) in this letter.

If you have any questions or require additional information, please contact Mr. Philippe Soenen at 805-595-6461.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on July 10, 2018.

Sincerely,

James M. Welsch  
*Vice President, Nuclear Generation and Chief Nuclear Officer*

Enclosure

cc: Humboldt Distribution  
cc/enc: William C. Allen, NMSS Project Manager  
Kristina Banovac, NMSS Project Manager  
Kriss M. Kennedy, Region IV Administrator  
Gonzalo L. Perez, California Department of Public Health

**Humboldt Bay Independent Spent Fuel Storage Installation Site Specific  
License Renewal Application, Revision 0, July 2018**

