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MEMORANDUM TO: Christopher Regan, Deputy Director
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

FROM: Christopher Markley, Systems Performance Analyst /RA/
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Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards 

SUBJECT: SUMMARY OF JANUARY 26, 2021, MEETING WITH PACIFIC
GAS & ELECTRIC COMPANY TO DISCUSS THE UPCOMING
SUBMITTAL OF THE APPLICATION FOR RENEWAL OF THE
DIABLO CANYON INDEPENDENT SPENT FUEL STORAGE
INSTALLATION LICENSE (CAC NO. 001028)

Background

On January 26, 2021, a virtual meeting was held between representatives of Pacific Gas & Electric Company (PG&E) and the U.S. Nuclear Regulatory Commission (NRC) to discuss the upcoming submittal of the application for renewal of the Diablo Canyon Independent Spent Fuel Storage Installation (ISFSI) license. The list of meeting attendees is provided in Enclosure 1.

The meeting was noticed on January 6, 2021 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML21006A204).

Discussion

The meeting discussion followed the meeting agenda, which is provided in Enclosure 2. PG&E presented their plans related to the Diablo Canyon ISFSI license number (SNM-2511) renewal application (Enclosure 3). The presentation provided an overview of the content of their forthcoming license renewal application (LRA). PG&E stated that the license renewal application will include general information, a scoping evaluation, an aging management review, and time-limited aging analyses (TLAAs). Appendices will cover the aging management programs (AMPs), granted exemptions, proposed license changes, a final safety analysis report, a pre-application inspection report, an environmental report, and a decommissioning funding plan.

PG&E plans to request a license renewal for a 40-year period starting from the current license expiration date. The current specific license expires in March 2024. To meet timely renewal requirements, PG&E must submit the LRA no later than March 2022. PG&E currently plans to submit the LRA in the fourth quarter of 2021.

In developing the LRA, PG&E indicated they intend to follow guidance in the Standard Review Plan for Renewal of Spent Fuel Dry Cask Storage System Licenses and Certificates of Compliance (NUREG-1927), Rev. 1, the Managing Aging Processes in Storage Report (NUREG-2214), and NEI 14-03. PG&E also indicated they will consider the following in developing the LRA: the Humboldt Bay, Rancho Seco, and Trojan LRAs, and the HI-STORM 100 and HI-STAR 100 certificate of compliance (CoC) renewals.

In their presentation, PG&E provided an overview of their six proposed AMPs and TLAAs. PG&E also provided an overview of existing ISFSI inspections which includes annual overpack and storage pad visual inspections, daily vent inspections, and quarterly thermoluminescent dosimeter dose monitoring. The transfer cask, cask transporter, and cask transfer facility are inspected prior to use. PG&E plans pre-application inspections on seven multipurpose canisters, overpacks, the ISFSI storage pads and the cask transfer facility's structural concrete in the March to May 2021 timeframe.

During the presentation, the NRC staff asked several clarifying technical questions and made suggestions to help ensure a high-quality LRA would be submitted.

After PG&E and NRC representatives completed their discussion, the meeting was opened to public comments or questions for the NRC. One out of scope comment on transportation was addressed.

Action Items/Next Steps

PG&E plans to submit the Diablo Canyon ISFSI LRA in the fourth quarter of 2021.

Docket No. 72-26

CAC No. 001028

EPID: L-2021-LRM-0000

Enclosures:

1. Meeting Attendees
2. Agenda
3. PG&E Presentation on Diablo Canyon ISFSI LRA Handout

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