

February 2, 2005

MEMORANDUM TO: Brian Thomas, Acting Deputy Director
Licensing and Inspection Directorate
Spent Fuel Project Office, NMSS

FROM: James R. Hall, Sr. Project Manager
Licensing Section /RA/
Spent Fuel Project Office, NMSS

SUBJECT: MEETING WITH PACIFIC GAS AND ELECTRIC COMPANY TO DISCUSS THE
APPLICATION FOR THE HUMBOLDT BAY INDEPENDENT SPENT FUEL
STORAGE INSTALLATION (TAC NO. L23683)

On January 13, 2005, a meeting was held between representatives of the U.S. Nuclear Regulatory Commission (NRC), its contractor, the Center for Nuclear Waste Regulatory Analyses (CNWRA), and the Pacific Gas and Electric Company (PG&E) to discuss PG&E's license application for an independent spent fuel storage installation (ISFSI) at the Humboldt Bay site. Attachment 1 is a list of attendees. During the meeting, PG&E and the staff also discussed the review status of a requested amendment to the 10 CFR Part 50 license to support cask loading activities. The meeting was noticed on December 21, 2004.

The staff previously sent a Request for Additional Information (RAI) to PG&E concerning the ISFSI application, on July 22, 2004. During the meeting, the participants discussed the outstanding issues identified by the staff following its review of PG&E's response to the RAI, dated October 1, 2004. Attachment 2 provides a listing and status of those outstanding issues. The meeting discussions helped to clarify the staff's position on several issues. For some of the RAIs listed in Attachment 2 (RAIs 2-12, 6-1 and 16-2), the staff indicated that no additional information from PG&E would be needed at this time. For the other issues, PG&E agreed to supplement its previous RAI response with additional or revised information to address the staff's concerns. Similar clarifications were obtained for the Part 50 amendment request.

No regulatory decisions were requested nor made during this meeting.

Docket Nos.: 72-27 and 50-133

Attachments: 1. Attendee List
2. Meeting Handout

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Meeting between the U.S. Nuclear Regulatory Commission and Pacific Gas and Electric Company on the proposed Humboldt Bay Independent Spent Fuel Storage Installation

January 13, 2005

ATTENDANCE LIST

<u>Name</u>	<u>Affiliation</u>
Bob Tripathi	NRC
Mike Call	NRC
Carl Withee	NRC
Jorge Solis	NRC
Kim Hardin	NRC
Randy Hall	NRC
John Hickman	NRC
Claudia Craig	NRC
John Monninger	NRC
Larry Campbell	NRC
Geoff Hornseth	NRC
Mahendra Shah	NRC
Dennis Galvin	NRC
David Tang	NRC
Albert Wong	NRC
Harry Wagage	NRC
Jerry Chuang	NRC
Jacqwan Walker	NRC
Cynthia Barr	NRC
Girija Shukla	NRC
Asad Chowdhury	CNWR*
Chandrika Manepally	CNWR*
Daniel Pomerening	CNWR
Luis Ibarra	CNWR*
Doug Gute	CNWR
Amitava Ghosh	CNWR*
John Stamatakis	CNWR**
Steve Green	CNWR*
Terry Grebel	PG&E
Larry Pulley	PG&E
Stefan Anton	Holtec**
Evan Rosenbaum	Holtec**
Paul Narbut	Consultant/Self

* participated by videoconference

**participated by teleconference

**Humboldt Bay ISFSI Review
Status of Outstanding Issues**

RAI Number*	Issue	Status
		(date communicated to PG&E)
6-1	Thermal - heat transfer in vault; concrete temperatures	12/21/04
7-1	Shielding - assumption on crud buildup on fuel assemblies (RAI 7-3)	12/10/04
7-2	Shielding - GTCC waste activities, TS	12/10/04
7-3	Shielding - Control of access to public trail	12/10/04
11-1	RP - future HP org. structure	12/10/04
11-2	RP - rad protection services	12/10/04
11-3	RP - HP Program changes	12/10/04
11-4	RP - SAR 7.5.2 revisions	12/10/04
15-6	Accidents - Aircraft hazards analysis assumptions	12/21/04
15-16	Accidents - volumes of liquid fuel in barges	12/21/04
*RAI no. may not correspond to previous RAI in all cases		

**Humboldt Bay ISFSI Review
Remaining Open Issues**

RAI Number	Issue	Status
2-12	Site Char. - Seismic design requirements during transient activities	NRC and CNWRA developing staff basis; no additional info needed from PG&E at this time
5-1	Structural - MPC fuel basket spacer and cell wall design	NRC to convey to PG&E
5-2	Structural - Fig. 3.3-3, sh. 3 inconsistent with referenced calculations in HI-STAR 100 FSAR	NRC to convey to PG&E
5-3	Structural - Visual Nastran validation; soil vs. concrete properties	NRC to convey to PG&E
5-4	Structural - SSI and amplification effects	NRC to convey to PG&E
8-2	Criticality - misloading considerations	NRC to convey to PG&E
16-2	Materials - use of Metamic as neutron absorber	NRC to develop license condition