

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
1600 E. LAMAR BLVD  
ARLINGTON TX 76011-4511

November 16, 2015

Mr. Edward D. Halpin  
Senior Vice President  
and Chief Nuclear Officer  
Pacific Gas and Electric Company  
P. O. Box 3  
Mail Code 104/6/601  
Avila Beach, CA 93424

SUBJECT: HUMBOLDT BAY INDEPENDENT SPENT FUEL STORAGE INSTALLATION,  
PHYSICAL SECURITY REQUIREMENTS FOR INDEPENDENT SPENT FUEL  
STORAGE INSTALLATIONS INSPECTION REPORT 072-027/2015401

Dear Mr. Halpin:

On October 20, 2015, the U.S. Nuclear Regulatory Commission (NRC) completed an Independent Spent Fuel Storage Installation Security Inspection at your Humboldt Bay facility. The inspection covered the physical security requirements for independent spent fuel storage installations. The enclosed inspection report documents the inspection results, which were discussed with Mr. D. Evans, Director Security Services, and other members of your staff.

The inspection examined activities conducted under your license as they relate to security and compliance with the Commission's rules and regulations and with the conditions of your license. The inspector reviewed selected procedures and records, observed activities, and interviewed personnel.

The NRC inspector documented three findings that involved violations of NRC requirements that were determined to be by Severity Level IV under the traditional enforcement process.

If you contest the non-cited violations you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington DC 20555-0001; with copies to the Regional Administrator, Region IV; and the Director, Office of Enforcement, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

**“Enclosure transmitted herewith contains SUNSI. When separated from enclosure, this transmittal document is decontrolled.”**

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

E. Halpin

- 2 -

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's Agencywide Document Access and Management System (ADAMS). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

However, the material enclosed herewith contains Security-Related Information in accordance with 10 CFR 2.390(d)(1) and its disclosure to unauthorized individuals could present a security vulnerability. Therefore, the material in the enclosure will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. If Security-Related Information is necessary to provide an acceptable response, please mark your entire response Security-Related Information in accordance with 10 CFR 2.390(d)(1) and follow the instructions for withholding in 10 CFR 2.390(b)(1). In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response.

Sincerely,

*/RA/ James R. Larsen for*

Mark S. Haire, Chief  
Plant Support Branch 1  
Division of Reactor Safety

Docket No. 72-027  
License No. SNM-2514

Nonpublic Enclosure:  
NRC Inspection Report 072-027/2015401  
w/Attachment: Supplemental Information

cc w/o encl: See next page

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

E. Halpin

- 3 -

cc w/o encl:

Thomas R. Baldwin, Regulatory Services  
Manager, Diablo Canyon and Humboldt Bay  
Power Plant  
Pacific Gas and Electric Company  
P.O. Box 56  
Avila Beach, CA 93424

Steven Hsu, M.S., Senior Health Physicist  
Radiological Assessment Unit  
Radioactive Material Licensing Section  
Radiologic Health Branch  
Dept. of Health Services, MS-7610  
Sacramento, CA 95899-7414

Jennifer L. Post, Esq.  
Pacific Gas and Electric Company  
P.O. Box 7442  
San Francisco, CA 94120

Gretchen Dumas, Esq.  
Public Utilities Commission  
of the State of California  
5066 State Building  
San Francisco, CA 94102

Loren Sharp, Director and Plant Manager  
Humboldt Bay Power Plant, PG&E  
1000 King Salmon Avenue  
Eureka, CA 95505

Redwood Alliance  
P.O. Box 293  
Arcata, CA 95521

Chairman  
Humboldt County Board of Supervisors  
County Courthouse  
825 Fifth Street  
Eureka, CA 95501

Dr. Robert B. Weisenmiller, Chair  
California Energy Commission  
1516 Ninth Street (MS 34)  
Sacramento, CA 95814

Law Office of Linda J. Brown, Esq.  
999 5th Avenue, Suite 430  
San Rafael, CA 94901

California Public Utilities Commission  
505 Van Ness, Room 4102  
San Francisco, CA 94102

Regional Radiation Representative  
U.S. Environmental Protection Agency  
Region IX Office  
75 Hawthorne Street  
San Francisco, CA 94105

Deputy Attorney General  
State of California  
110 West A Street, Suite 700  
San Diego, CA 92101

Dr. James F. Davis, State Geologist  
Department of Conservation  
Division of Mines and Geology  
801 K Street MS 12-30  
Sacramento, CA 95814-3531

Director, Radiologic Health Branch  
State Department of Health Services  
P.O. Box 997414 (MS 7610)  
Sacramento, CA 95899-7474

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

**~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~**

E. Halpin

- 2 -

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's Agencywide Document Access and Management System (ADAMS). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

However, the material enclosed herewith contains Security-Related Information in accordance with 10 CFR 2.390(d)(1) and its disclosure to unauthorized individuals could present a security vulnerability. Therefore, the material in the enclosure will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. If Security-Related Information is necessary to provide an acceptable response, please mark your entire response Security-Related Information in accordance with 10 CFR 2.390(d)(1) and follow the instructions for withholding in 10 CFR 2.390(b)(1). In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response.

Sincerely,

*/RA/ James R. Larsen for*

Mark S. Haire, Chief  
Plant Support Branch 1  
Division of Reactor Safety

Docket No. 72-027  
License No. SNM-2514

Nonpublic Enclosure:  
NRC Inspection Report 072-027/2015401  
w/Attachment: Supplemental Information

**Distribution:**  
See next page

**ADAMS ACCESSION NUMBER: ML15320A385**

<b>Entire Report:</b> <input checked="" type="checkbox"/> SUNSI Review: D. Holman		<input type="checkbox"/> Non-Sensitive <input checked="" type="checkbox"/> Sensitive	<input type="checkbox"/> Publicly Available <input checked="" type="checkbox"/> Non-Publicly Available	Keyword: NRC-002 MD 3.4 Non-Public A.3	
<b>Cover Letter Only:</b> <input checked="" type="checkbox"/> SUNSI Review: D. Holman		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive	<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	Keyword: RGN-002 SUNSI Review Complete	
OFFICE	PSI:PSB1	C:PSB1	C:FCDB	C:PSB1	
NAME	DHolman	MHaire	RKellar	MHaire	
SIGNATURE	<i>/RA/ JRL for</i>	<i>/RA/ JRL for</i>	<i>/RA/</i>	<i>/RA/ JRL for</i>	
DATE	11/16/15	11/16/15	11/16/15	11/16/15	

**OFFICIAL RECORD COPY**

**~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~**

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

Letter to Edward D. Halpin from Mark S. Haire, dated November 16, 2015

SUBJECT: HUMBOLDT BAY INDEPENDENT SPENT FUEL STORAGE INSTALLATION,  
PHYSICAL SECURITY REQUIREMENTS FOR INDEPENDENT SPENT FUEL  
STORAGE INSTALLATIONS INSPECTION REPORT 072-027/2015401

Distribution w/encl:

Security Specialist/NSIR (Eric.Wharton@nrc.gov)  
Security Specialist/NSIR (Niry.Simonian@nrc.gov)  
Chief, Security Performance Evaluation Branch/NSIR (Clay.Johnson@nrc.gov)  
Security Specialist/NSIR (Douglas.Garner@nrc.gov)  
Branch Chief, RI DRS/PSB1 (Anthony.Dimitriadis@nrc.gov)  
Branch Chief, RII DRS/PSB1 (Binoy.Desai@nrc.gov)  
Branch Chief, RIII DRS/PSB (Steven.Orth@nrc.gov)

Electronic distribution w/o encl:

Marc Dapas, RA, RIV (Marc.Dapas@nrc.gov)  
Kriss Kennedy, DRA, RIV (Kriss.Kennedy@nrc.gov)  
Mark Shaffer, D:DNMS (Mark.Shaffer@nrc.gov)  
Linda Howell, DD:DNMS (Linda.Howell@nrc.gov)  
Michael Vasquez, C:NMSB:A (Michael.Vasquez@nrc.gov)  
Jack Whitten, C:NMSB:B (Jack.Whitten@nrc.gov)  
Bruce Watson, C:NMSS/DDURWP/RDB (Bruce.Watson@nrc.gov)  
Cindy Rosales-Cooper, RIV ETA (Cindy.Rosales-Cooper@nrc.gov)  
Angel Moreno, Congressional Affairs Officer (Angel.Moreno@nrc.gov)  
John Hickman, NMSS/DDURWP/RDB (John.HickmanNMSS@nrc.gov)  
Rachel Browder, RSFS (Rachel.Browder@nrc.gov)  
Robert Evans, RSFS (Robert.Evans@nrc.gov)  
Gerald Schlapper, RSFS (Gerald.Schlapper@nrc.gov)  
Donald Stearns, RSFS (Don.Stearns@nrc.gov)  
Marisa Herrera, Fee Coordinator, DRMA (Marisa.Herrera@nrc.gov)

Hard Copy:

RIV DNMS File - 5th Floor

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~