

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

July 28, 2015

Mr. Edward D. Halpin Senior Vice President and Chief Nuclear Officer Pacific Gas and Electric Company Diablo Canyon Power Plant P.O. Box 56, Mail Code 104/6 Avila Beach, CA 93424

SUBJECT: SUMMARY OF ANNUAL ASSESSMENT MEETING WITH PACIFIC GAS AND ELECTRIC AND PUBLIC OPEN HOUSE REGARDING DIABLO CANYON POWER PLANT 2014 PERFORMANCE

Dear Mr. Halpin:

This refers to the public Annual Assessment meeting conducted at the Embassy Suites, San Luis Obispo, California on the evening of June 24, 2015, between the NRC and your staff. Approximately 130 members of the public attended and participated in this meeting.

During the meeting, the NRC participants discussed our assessment of Pacific Gas and Electric's (PG&E) performance during 2014 at the Diablo Canyon Power Plant (DCPP). Specifically, the NRC staff provided an overview of our inspection activities, findings, and overall performance assessment for the station. In particular, we discussed with you our assessment of the White Emergency Preparedness Finding and the NRC's subsequent movement of DCPP to the Regulatory Response Column of oversight which became effective in the 4th Quarter 2014. Additionally, the NRC staff provided an overview of our recent inspection activities relative to your current seismic and flooding licensing bases. Finally, we provided a status for the public as to NRC's and Diablo Canyon's actions to date in response to the Mitigating Strategies and Spent Fuel Instrumentation Orders, and the March 2012 10 CFR 50.54(f) Requests for Information relative to seismic and flooding re-evaluations.

During PG&E's presentation, you and your staff discussed PG&E's perspectives regarding your overall performance during 2014, including during two refueling outages. Additionally, your staff briefly discussed PG&E's actions thus far in reviewing the cause and extent of condition relative to the White Emergency Preparedness finding, and your preparations for the supplemental inspection the NRC will conduct later in 2015 to assess those actions. Your staff also described initiatives underway to correct longstanding issues with your 230 kV switchyard insulators, as well as the station's implementation of the FLEX operations and equipment in response to the NRC's post-Fukushima orders.

E. Halpin

Copies of the NRC and PG&E presentations from the meeting are included as Enclosures 1 and 2, respectively. During the public comment/question and answer portion of the meeting, over 40 individuals provided their perspectives and asked questions of the NRC and PG&E staffs. While there were a wide range of specific comments and questions posed, several individuals focused on the following topics:

- Recent DCPP event reports regarding the identification that some spent fuel was loaded into dry cask storage casks inconsistent with Technical Specifications;
- Waste confidence assessments, spent fuel storage, and a national spent fuel repository;
- DCPP's performance in 2014 relative to the number of findings;
- DCPP's seismic design basis, seismic re-evaluation activities, and the implementation of the Senior Seismic Hazard Analysis Committee (SSHAC) process; and
- Personal accounts regarding the safety culture at Diablo Canyon, and the contributions to the community provided by PG&E employees.

In addition to the public annual assessment meeting held on the evening of June 24, 2015, the NRC staff hosted a public open house/poster board session earlier in the afternoon at the Embassy Suites location. During that three-hour period, approximately 25 members of the public interacted with NRC staff on a wide range of topics. In particular, subject matter experts from across the NRC were on hand to discuss the following:

- Overall NRC Post-Fukushima agency actions;
- Seismic licensing basis and recent seismic re-evaluations;
- DCPP operating performance;
- DCPP emergency preparedness performance;
- Spent fuel and the DCPP Independent Spent Fuel Storage Installation (ISFSI); and
- NRC's license renewal process.

As stated in the meeting notice for this event, the NRC video recorded the evening meeting with our intention of making the video available for public viewing on the NRC web site. Despite pre-meeting testing of the audio and recording system, a microphone, substituted in the last few minutes before the start of the meeting, created significant electronic noise on the audio track such that the audio recorded from the other microphones was unintelligible. As such the NRC does not plan make the recording of the meeting available on the NRC web site or to other organizations. The NRC regrets this unintended error, and we are taking corrective actions for future video recorded meetings to help preclude such issues from recurring.

E. Halpin

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

Should you have any questions concerning this matter, we will be pleased to discuss them with you.

Sincerely,

/RA/

Ryan D. Alexander, Acting Chief Project Branch A Division of Reactor Projects

Docket Nos.: 05000275, 05000323 License Nos: DPR-80, DPR-82

Enclosures:

1. NRC Presentation

2. PG&E Presentation

SUNSI Rev Compl.		ØYes □ No		ADAMS		⊠Yes □ No	Reviewer Initials		RDA
Publicly Avail.		⊠Yes □ No		Sensitive		□Yes 🗹 No	Sens. Type Initials		RDA
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E. Halpin

Letter to Edward D. Halpin from Ryan Alexander dated July 28, 2015

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DISTRIBUTION:

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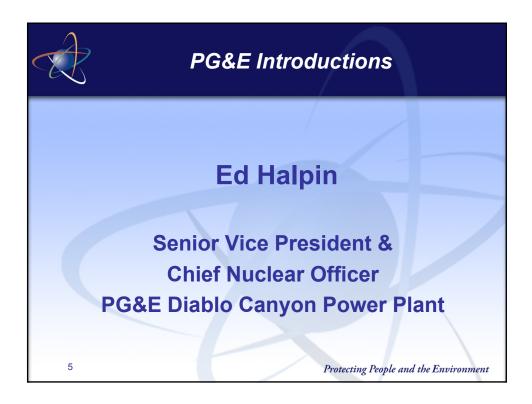
Electronic Distribution via Listserv for Diablo Canyon Power Plant





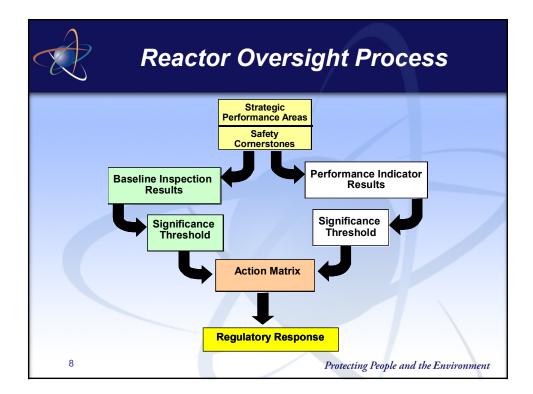


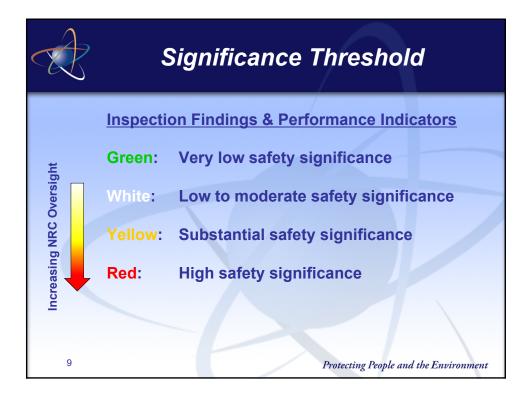


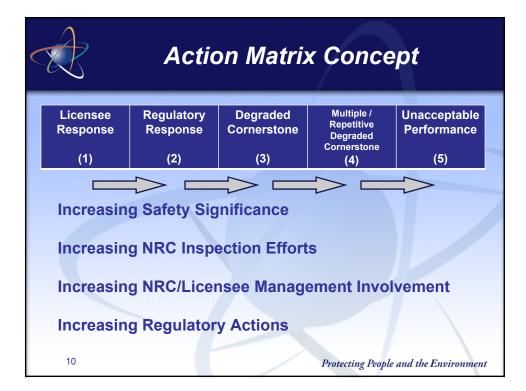


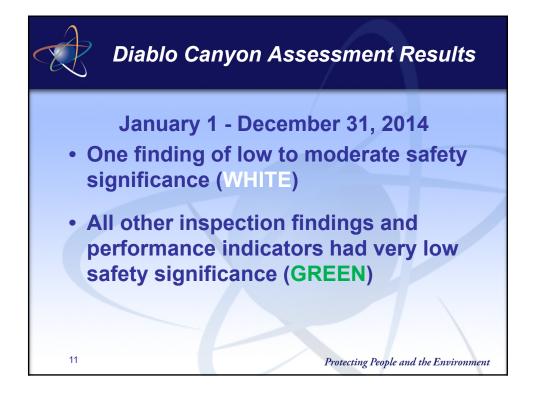




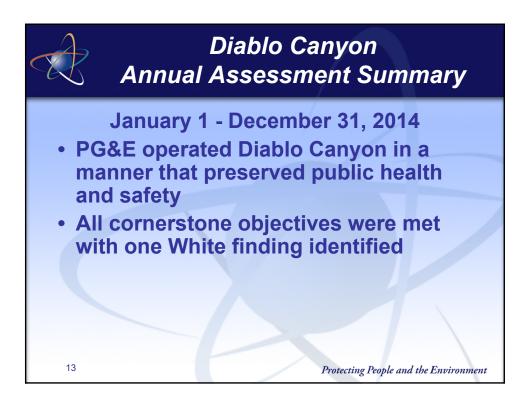


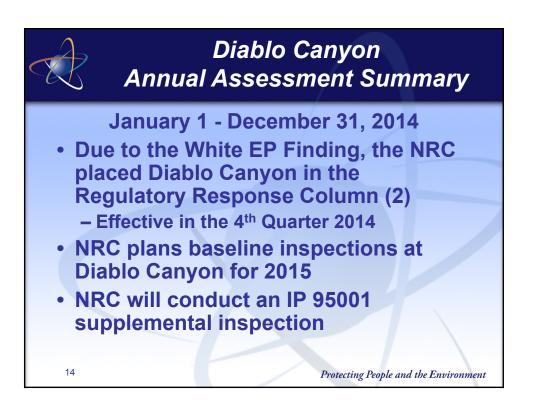


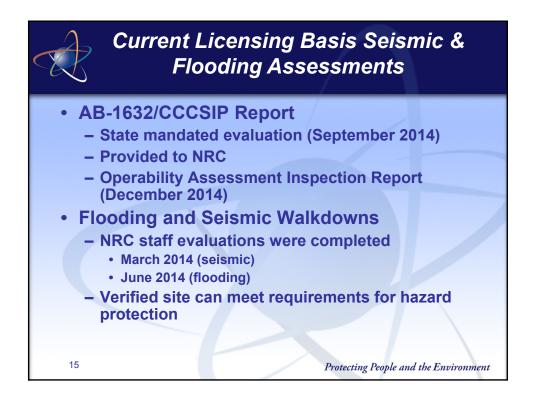












Fukushima Lessons Learned – Upcoming Milestones

Orders

- Mitigation Strategies for Beyond-Design-Basis External Events
- Spent Fuel Pool Level Instrumentation
- NRC audit scheduled for August 2015
- Implemented in Fall 2015 (Unit 1) and Spring 2016 (Unit 2)
- Flooding and Seismic Hazard Reevaluations
 - Reevaluations submitted in March 2015
 - NRC currently reviewing

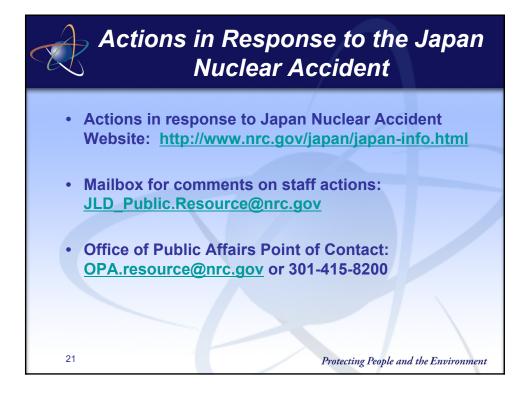
Protecting People and the Environment



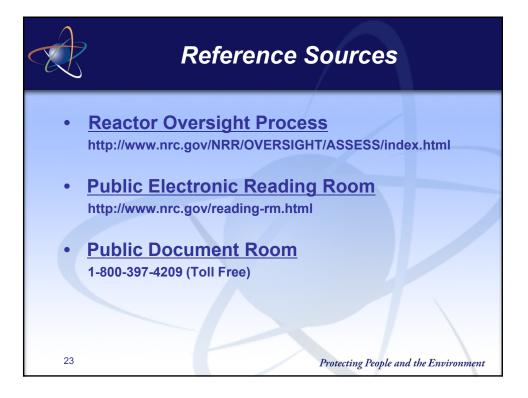


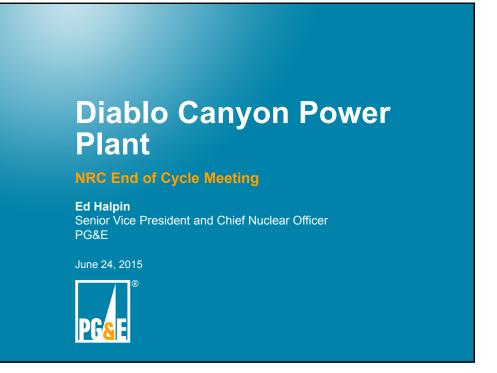


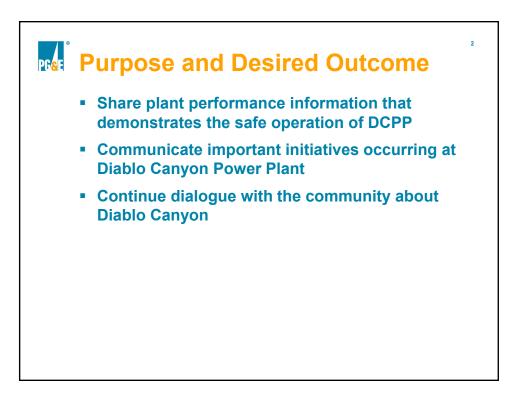


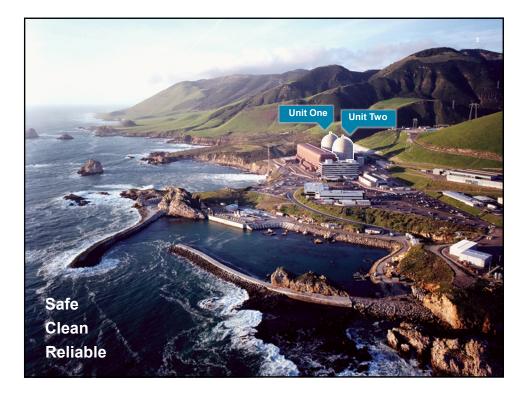




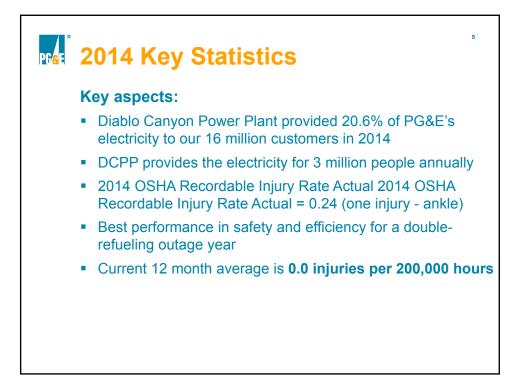


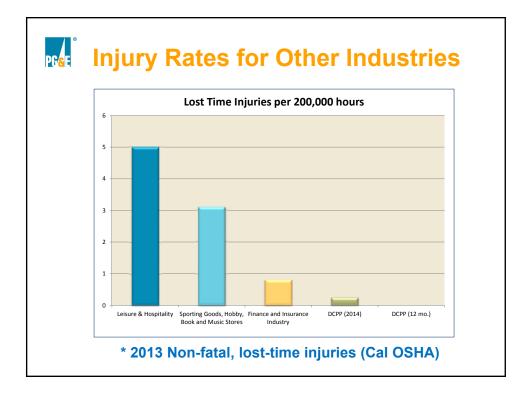






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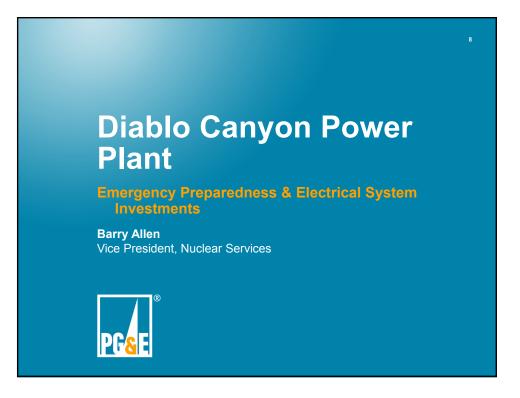
Refueling Outages in 2014 & 2015

- Two successful refueling outages
 - Unit 1: 18th refueling outage (1R18)
 - 。 33 days
 - $_{\circ}$ 1,000 additional employees
 - Unit 2 18th refueling outage (2R18)
 - 。 32 days
 - 1,000 additional employees



Looking ahead

- Unit 1 refueling outage (1R19) scheduled for fall 2015
- 500 job seekers attended Hiring Information Fair on June 12, 2015







Recommended Actions for 230kV

Actions Taken:

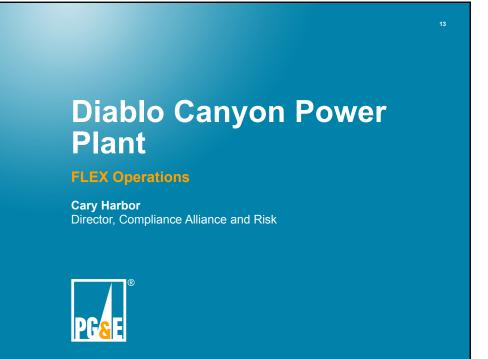
- Time-based cleaning
- All 230 kV switchyard insulators replaced in 2015
- Los Padres/DCPP Electric Power Reliability Plan



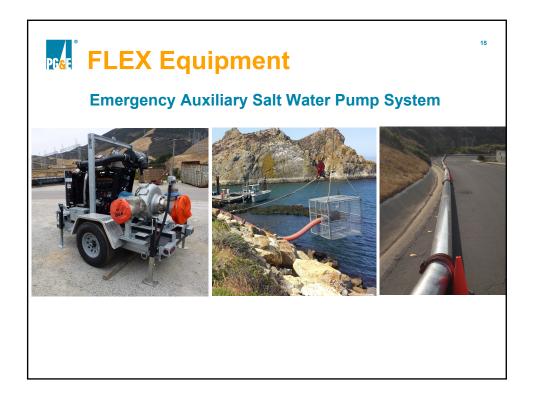
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Los Padres/DCPP Electric Power Reliability Plan

- Holistic approach, outlining actions to improve reliability and capacity of DCPP onsite / offsite power
- Provides an integrated assessment of and recommendations for improving the reliability of electric power to most critical DCPP 4kV buses
- May 2014 Integrated joint effort between DCPP and PG&E Electric Operations
- October 2014 Five-year plan based on the principles of meeting compliance, safety, reliability and affordability goals







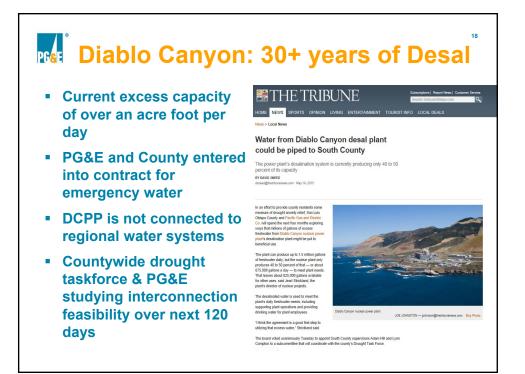


Diablo Canyon Power Plant

Desalination

Tom Jones Director, Corporate Affairs





Diablo Canyon: 30+ years of Desal



Small footprint – about the size of a small retail store, like auto parts store or drug store.

Running below 50% capacity



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Focus on People

Focus on Human Performance plus training opportunities for employees results in reinforced workplace expectations and shared cultural values.

- Facilitative Leadership
 - 396 employees have taken the training
 - Sustainable: 13 employees have become certified Trainers offering courses at DCPP; one Master Trainer, who is growing the number of certified Trainers on site
- Crucial Conversations
 - 525 employees have taken the training through end of 2014; 329 have taken or retaken the class this year as a refresher.
 - 17 employees have become certified Crucial Conversations Trainers
- Knowledge Transfer Program

Beyond Power

- Enhance community understanding through tours and talks – directly reaching over 8,600 people in 2014
- The plant is the largest property taxpayer in San Luis Obispo County – nearly \$27 million in 2013/2014
- More than \$13.8 million going to local schools
- Diablo Canyon contributed more than \$800,000 in 2014 to charities
- PG&E employees volunteered thousands of hours of their own time



Above: Ed Halpin offered Facilitative Leadership training to SLO Chamber of Commerce. Below: Diablo Canyon employees and their families clean up trails at Montana de Oro on Earth Day.



