



Diablo canyon power plant safety systems

The California Public Utilities Commission approved the closure in 2018, after the utility reached a settlement agreement with advocacy groups and environmentalists. Under that agreement, one reactor was set to shut down in 2024 and the second in 2025. Diablo Canyon is California's last nuclear power plant.

The Diablo Canyon nuclear plant in California, the only one still operating in the state, is set to close in 2025. A team of researchers at MIT's Center for Advanced Nuclear Energy Systems, Abdul Latif Jameel Water and Food Systems Lab, and Center for Energy and Environmental Policy Research; Stanford's Precourt Energy Institute; and energy analysis firm ...

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Page 3 of 8 Last updated March 2020 . Advocates of the California Public Utilities Commission (CPUC), the Attorney General for the State of California, and Pacific Gas and Electric Company (PG& E).5 o Diablo Canyon Independent Peer Review Panel (IPRP) is ...

Reply to the NRC's Response to the Office of the Inspector General's (OIG) Event Inquiry into the NRC's Oversight of the Auxiliary Feedwater System at Diablo Canyon Nuclear Power Plant, ...

SCS Supplemental Cooling System (for transfer cask) ... UFSAR Diablo Canyon Spent Fuel Storage Installation "Update for the Final Safety Analysis Report" USNRC U.S. Nuclear Regulatory Commission ... Figure 1-1 Diablo Canyon Power Plant (DCPP) Spent Fuel Offload Scenarios 31 Figure 2-1. Poster Diagram of the DCPP Offload Scenario ...

Diablo Canyon Power Plant 77 Beale Street, Mail Code B32 San Francisco, CA 94105 . SUBJECT: DIABLO CANYON POWER PLANT, UNIT NOS. 1 AND 2 - SAFETY EVALUATION FOR TOPICAL REPORT, "PROCESS PROTECTION SYSTEM REPLACEMENT DIVERSITY & DEFENSE-IN-DEPTH ASSESSMENT"; (TAC NOS. ME4094 AND ME4095) Dear Mr. Conway:

SUBJECT: DIABLO CANYON POWER PLANT, UNITS 1 AND 2 - INTEGRATED INSPECTION REPORT 05000275/2023004 AND 05000323/2023004 Dear Paula A. Gerfen: On December 31, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Diablo Canyon Power Plant, Units 1 and 2. On January 11, 2024, the NRC



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Diablo Canyon Power Plant Process Protection System Replacement Diversity and Defense in Depth Assessment 1.0 Executive Summary The Diablo Canyon Power Plant (DCPP) digital Eagle 21 Process Protection System (PPS) is being replaced to address obsolescence issues. The scope of the replacement is illustrated in the shaded portion of Figure. 1-1.

HI-STORM 100SA Overpacks Queueing up at Diablo Canyon Power Plant's Gate. The significance of this success was best articulated by PG& E's Vice President at Diablo Canyon, Maureen Zawalick, who said "I am proud of the collective effort demonstrated by my team and Holtec to safely manufacture and deliver the HI-STORM systems ahead of schedule, and I ...

Diablo Canyon Power Plant Facility Overview March 22, 2011. 2 Fukushima Daiichi Sequence of Events ... o Large tsunami wave (~1 hour later) disabled nearly all plant electrical and safety systems o Remaining systems provided adequate core cooling for several hours, eventually became exhausted leading to core becoming uncovered and

The 2,256MW Diablo Canyon nuclear power plant (NPP) is the last NPP in operation in California, US. ... Each reactor unit, along with the reactor coolant system (RCS) and steam generators, is contained within a massive steel-reinforced concrete containment structure. ... Post Fukushima safety measures at Diablo Canyon.

[music] The Diablo Canyon Power plant sits on a parcel of about 500 to 600 acres, but the industrial footprint is much smaller, and that is our ancestral homeland with a documented ancestry taking ...

Federal regulators today granted an exemption that will allow the Diablo Canyon nuclear power plant to stay operating while it pursues permission to keep operating past 2025.

10/28/20 Water Resources at Diablo Canyon Power Plant; 2021 Panel Meetings Menu Toggle. 5/26/21 Spent Nuclear Fuel Management Update and Project Application/CEQA Process; 8/25/21 Facility Repurposing Update and the CPUC Ruling on the 2018 NDCTP; ... systems, and components important to safety. Licensees and applicants are encouraged to ...

Diablo Canyon Power Plant is on approximately 750 acres (300 ha) ... Unlike evaporative cooling systems used at other plants, Diablo Canyon's OTC is designed so all water can be recycled, and to assure minimal impact on ocean ...

Project: PG& E PROCESS PROTECTION SYSTEM REPLACEMENT Purchase Order No.: 3500897372 Project Sales Order: 993754 PACIFIC GAS & ELECTRIC COMPANY NUCLEAR SAFETY-RELATED PROCESS PROTECTION SYSTEM REPLACEMENT DIABLO CANYON POWER PLANT PROTECTION SET IV SYSTEM TIME RESPONSE CONFIRMATION ...

V& V tasks performed for the implementation phase of the application life cycle for the Nuclear



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Safety-Related (Class 1E) Diablo Canyon Power Plant (DCPP) Process Protection System (PPS) Replacement Project in order to fulfill the V& V reporting implementation specified in the Software Verification and Validation Plan (SVVP) [Ref.10.2.2].

The Diablo Canyon nuclear power plant, ... The 2 centrifugal charging pumps, each rated at 150 gpm and 2510 psi double as the emergency high head safety injection system pumps. Their shutoff head is 2565 psi. On the non-radioactive secondary side of the steam generators, condensate-feedwater is supplied by 3 condensate pumps (190 psi), 3 ...

The Diablo Canyon Power Plant Operation Assessment report addresses a requirement in Senate Bill 846 (Dodd, Chapter 239, Statutes of 2022) for the California Energy Commission, in coordination with the California Public Utilities Commission and the California Independent System Operator, to publish an assessment of the operation of the Diablo Canyon Power ...

PG& E and its nuclear regulators insist the plant is seismically resilient to survive a quake, but David Weisman with the Alliance for Nuclear Responsibility wants to see a new ...

The Diablo Canyon Power Plant is a major source of clean energy for PG& E. ... Transmission projects . Learn how PG& E is reinforcing the electric transmission system throughout the area we serve. View current transmission projects ... Gas Tools. Learn about our commitment to safety of the communities we serve. We work every day to enhance gas ...

New and extensive analyses performed at the direction of the Nuclear Regulatory Commission (NRC) re-confirm that Diablo Canyon Power Plant can safely withstand extreme natural ...

ML17206A049 - Diablo Canyon Power Plant, Units 1 & 2, Revised Updated Final Safety Analysis Report, Rev. 23, Chapter 10, Steam and Power Conversion System. (101 page(s), 12/31/2016) ML17206A050 - Diablo Canyon Power Plant, Units 1 & 2, Revised Updated Final Safety Analysis Report, Rev. 23, Chapter 11, Radioactive Waste Management.

10/28/20 Water Resources at Diablo Canyon Power Plant; ... Diablo Canyon Independent Safety Committee; Congressman Carbajal Decommissioning Town Hall; Submit Comment. ... involving cleanup of radioactively contaminated plant systems and structures and removal of the radioactive fuel. These requirements protect workers and the public during the ...

10/28/20 Water Resources at Diablo Canyon Power Plant; 2021 Panel Meetings Menu Toggle. 5/26/21 Spent Nuclear Fuel Management Update and Project Application/CEQA Process; 8/25/21 Facility Repurposing Update ...

FAQ 22-02: Diablo Canyon Scram - Proposed NRC Response Page 1 of 7 Plant: Diablo Canyon Power Plant



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Unit 2 Date of Event: 10/15/2021 Submittal Date: May 23, 2022 Licensee Contact: James Morris Tel/email: James.Morris@pge NRC Contact: Ayesha Athar Tel/email: Ayesha.Athar@nrc.gov Ron Cureton Ronald.Cureton@nrc.gov

The 2,256MW Diablo Canyon nuclear power plant (NPP) is the last NPP in operation in California, US. ... Each reactor unit, along with the reactor coolant system (RCS) and steam generators, is contained within a massive ...

The plant boasts redundant safety systems and can operate at full capacity even when certain components are offline. Economic and Environmental Impact of the Diablo Canyon Power Plant. ... The Diablo Canyon Power Plant has loomed large in California's energy landscape for the past few decades. It provides a critical source of power for millions ...

Maureen R. Zawalick Diablo Canyon Power Plant Vice President Generation Business and Technical Services Mail code 104/6/608 P.O. Box 56 Avila Beach, CA 93424 805.545.4242 Internal: 691.4242 A member of the STARS Alliance Callaway oDiablo Canyon oPalo Verde oWolf Creek December 3, 2020 . PG& E Letter DCL-20-092

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