

**NATIONAL SCIENCE FOUNDATION****Sunshine Act Meetings**

The National Science Board (NSB) hereby gives notice of the scheduling of a teleconference of the NSB for the transaction of NSB business pursuant to the NSF Act and the Government in the Sunshine Act. This meeting is being held on short notice. The Executive Committee determined that the interests of the National Science Foundation require the short notice.

**TIME AND DATE:** Tuesday, September 3, 2024, from 3–3:30 p.m. eastern.

**PLACE:** This meeting will be in person and via videoconference through the National Science Foundation, 2415 Eisenhower Avenue, Alexandria, VA 22314.

**STATUS:** Closed.

**MATTERS TO BE CONSIDERED:** The agenda is: NSB Chair's Remarks about the Agenda; NSB FY26 Budget Presentation; Committee on Oversight Report on the Office of the Inspector General FY26 Budget Submission; and NSB vote to transmit NSF Budget Submission to the Office of Management and Budget.

**CONTACT PERSON FOR MORE INFORMATION:** Point of contact for this meeting is: Chris Blair, [cblair@nsf.gov](mailto:cblair@nsf.gov), 703/292–7000. Meeting information and updates may be found at [www.nsf.gov/nsb](http://www.nsf.gov/nsb).

**Ann E. Bushmiller,**

*Senior Counsel to the National Science Board.*

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**BILLING CODE 7555–01–P**

**NUCLEAR REGULATORY COMMISSION**

[Docket Nos. 50–275 and 50–323; NRC–2024–0148]

**Pacific Gas & Electric Company; Diablo Canyon Power Plant, Unit Nos. 1 and 2; Petition**

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** 10 CFR 2.206 request; receipt.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) is giving notice that by petition dated March 4, 2024, as supplemented on June 7, 2024, San Luis Obispo Mothers for Peace, Friends of the Earth, and Environmental Working Group (the petitioners) requested that the NRC exercise its supervisory authority to order the immediate closure of Diablo Canyon Nuclear Power Plant, Unit Nos. 1 and 2 (Diablo Canyon) due to “the unacceptable risk of a seismically induced severe accident.”

The Commission referred the request to the enforcement petition process under NRC regulations. The petitioners' request is included in the **SUPPLEMENTARY INFORMATION** section of this document.

**DATES:** September 3, 2024.

**ADDRESSES:** Please refer to Docket ID NRC–2024–0148 when contacting the NRC about the availability of information regarding this document. You may obtain publicly available information related to this document using any of the following methods:

- *Federal Rulemaking Website:* Go to <https://www.regulations.gov> and search for Docket ID NRC–2024–0148. Address questions about Docket IDs in *Regulations.gov* to Stacy Schumann; telephone: 301–415–0624; email: [Stacy.Schumann@nrc.gov](mailto:Stacy.Schumann@nrc.gov). For technical questions, contact the individual listed in the **FOR FURTHER INFORMATION CONTACT** section of this document.

- *NRC's Agencywide Documents Access and Management System (ADAMS):* You may obtain publicly available documents online in the ADAMS Public Documents collection at <https://www.nrc.gov/reading-rm/adams.html>. To begin the search, select “Begin Web-based ADAMS Search.” For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1–800–397–4209, at 301–415–4737, or by email to [PDR.Resource@nrc.gov](mailto:PDR.Resource@nrc.gov). For the convenience of the reader, instructions about obtaining materials referenced in this document are provided in the “Availability of Documents” section.

- *NRC's PDR:* The PDR, where you may examine and order copies of publicly available documents, is open by appointment. To make an appointment to visit the PDR, please send an email to [PDR.Resource@nrc.gov](mailto:PDR.Resource@nrc.gov) or call 1–800–397–4209 or 301–415–4737, between 8 a.m. and 4 p.m. eastern time (ET), Monday through Friday, except Federal holidays.

**FOR FURTHER INFORMATION CONTACT:** Perry Buckberg, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, DC 20555–0001; telephone: 301–415–1383; email: [Perry.Buckberg@nrc.gov](mailto:Perry.Buckberg@nrc.gov).

**SUPPLEMENTARY INFORMATION:** On March 4, 2024, the petitioners filed a petition requesting that the NRC exercise its supervisory authority to order the immediate closure of Diablo Canyon due to “the unacceptable risk of a seismically induced severe accident.” An order was issued on March 12, 2024, referring the request to the enforcement petition process under section 2.206 of title 10 of the *Code of Federal*

*Regulations* (10 CFR), “Requests for action under this subpart.”

The specific concerns expressed in the March 4, 2024, petition, as supplemented on June 7, 2024, now include:

1. Thrust faulting is neglected by Pacific Gas & Electric Company's (PG&E's) 2012 Seismic Source Characterization (SSC) model, because the model assumes that a majority of large earthquakes affecting Diablo Canyon are strike-slip and disregards the significant contribution of thrust faulting earthquake sources under the Diablo Canyon site and the adjacent Irish Hills. In addition, PG&E did not use a hanging-wall term for the modeling of potential ground motions from the Los Osos and San Luis Bay thrust faults.

2. The January 2024 magnitude 7.5 (moment magnitude) earthquake centered in the Noto Peninsula (Japan), with an average slip of 2 meters on the fault, is analogous to future potential thrust mechanism earthquakes beneath Diablo Canyon. Based on the slip rate of the Irish Hills adjacent to Diablo Canyon and the slip of the Noto earthquake, large thrust fault earthquakes will occur, on average, every 715 years near the Diablo Canyon site.

3. PG&E's 2012 SSC model does not account for an inferred offshore thrust fault that has a slip rate of 2.8 millimeters per year (mm/yr) and the potential for producing a magnitude 7.5 earthquake.

4. Seismic core damage frequency estimated by PG&E in 2018 to be  $3 \times 10^{-5}$ , should be  $1.4 \times 10^{-3}$  per year (about once every 715 years) based on this higher recurrence rate for thrust earthquakes.

The NRC staff assembled a Petition Review Board (PRB) in accordance with NRC Management Directive (MD) 8.11, “Review Process for 10 CFR 2.206 Petitions,” and its associated Directive Handbook 8.11, Section III. In an email dated May 15, 2024, the petition manager informed the petitioners that the PRB's initial assessment was to not accept the petition for review. The PRB's position was that the petition did not meet the criteria in MD 8.11 for accepting petitions under 10 CFR 2.206 because “the issues raised have previously been the subject of a facility specific or generic NRC staff review . . .” and the petition does not provide significant new information that the staff did not consider in a prior review.

On May 15, 2024, along with the initial assessment, the petition manager offered the petitioners an opportunity to address the PRB in a public meeting, which was accepted by the petitioners.