

## 9. Report Preparation Team and References

### 9.1 Lead and Responsible Agencies

#### County of San Luis Obispo (Lead Agency)

##### Planning and Building

Trevor Keith	Community Development Director
Mark LaRue	Deputy Director - Planning
Susan Strachan	Nuclear Power Plant Decommissioning Manager
Carrie Sisto	Principal Environmental Specialist
Cindy Chambers	Senior Planner
Anthony Schuetze	Program Manager

##### County Public Works

David Grim	Development Services Division Manager
J. R. Beard	Engineer IV
Troy Barnhart	Engineer II

##### County Parks and Recreation

Nick Franco	Parks Director
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##### County Environmental Health

Leslie Terry	Supervisor – Environmental Health Specialist
Jeremiah Damery	Environmental Health Specialist II

##### County Counsel

Jon Ansolabehere	Assistant County Counsel
Andrea Matarazzo	Pioneer Law Group

##### County Fire Department

John Owens	Acting Fire Chief
Tom Swanson	Assistant Fire Chief
Garrett Veyna	Battalion Chief
Kevin Mclean	Acting Fire Marshal
Dell Wells	Fire Captain, Deputy Fire Marshal

##### California Coastal Commission (Responsible Agency)

Kate Hucklebridge	Executive Director
Tom Luster	Senior Environmental Scientist
Jeremy Smith	Coastal Engineer
Joe Street	Geologist
Laurie Koteen	Senior Ecologist
Linda Locklin	Public Access Program Manager
Sarah Esmaili	Senior Attorney
Ryan Moroney	District Supervisor

##### California State Lands Commission (Responsible Agency)

(Names Withheld)

## 9.2 Coordination and Consultation

### Avila Valley Advisory Council

Stephen Benedict Chairperson

### Port San Luis Harbor District

Chris Munson Facilities Manager

### City of Pismo Beach

Matt Downing Community Development Director  
Ben Fine Director of Public Works  
Megan Martin Planning Manager

### City of Santa Maria

Dana Eady Planning Division Manager

### County of Santa Barbara

John Zorovich Supervising Planner  
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### San Luis Obispo Air Pollution Control District

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Ashley Goldlist Air Quality Specialist  
Vince Kirkhuff Air Quality Specialist III

### Santa Barbara Air Pollution Control District

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Molly Pearson Manager, District Planning Division  
David Harris Manager, District Engineering Division  
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### California Office of Historic Preservation

Mike McGuirt Supervisor, Archaeology and Environmental Compliance  
Unit, CHRIS Coordinator

### California Department of Fish and Wildlife

Craig Bailey Senior Environmental Scientist  
Larry Bonner Senior Environmental Scientist  
Kelley Nelson Environmental Scientist  
Amanda Canepa Environmental Scientist (Marine)

### United States Fish and Wildlife Service

Mark Elvin Section 7 Coordinator - Ventura Field Office

### National Marine Fisheries Service

Dan Lawson Marine Mammal Authorization Program  
Susan Wang Fisheries Biologist  
William Douros Regional Director, NOAA Sanctuaries West Coast Region

**Nuclear Regulatory Commission**

David Pstrak	Branch Chief
Ryan Alexander	Regional State Liaison Officer
Gerard Jackson	Security Specialist - Transportation
Maurice Heath	Project Manager

**Tribal Governments**

**Coastal Band of the Chumash Nation**

Mariza Sullivan	Chairperson
Michael Khus-Zarate	Designated CBCN Representative for AB52 consult

**Northern Chumash Tribal Council**

Violet Sage Walker	Chairperson
Fred Collins	Chairperson (at time of initial consultation)

**Santa Ynez Band of Chumash Indians**

Kenneth Kahn	Chairperson
Sam Cohen	Governmental Affairs and Legal Officer
Wendy Giddens Teeter	Santa Ynez Band Archaeologist

**yak tit'yu tit'yu yak tilhini – Northern Chumash Tribe San Luis Obispo County and Region**

Mona Olivas Tucker	Chairperson
Scott Lathrup	Legal Representative

**9.3 Professional Consultation Team**

**Aspen Environmental Group (Prime)**

Lisa Blewitt	EIR Co-Project Manager, Information Manager, Project Description, Issue Areas, Alternatives
Sandra Alarcón Lopez, MA	EIR Co-Project Manager, Issue Areas, Alternatives
Brewster Birdsall, MA, PE, QEP	Air Quality, Greenhouse Gas Emissions, Energy
Rachael Dal Porto, MS	Air Quality, Greenhouse Gas Emissions, Energy
Chris Huntley	Terrestrial Biological Resources, Jurisdictional Delineation Report
Jamison Miner	Terrestrial Biological Resources
Justin Wood, MS, CFB	Jurisdictional Delineation Report
Lauren DeOliveira, MS, RPA	Cultural Resources – Archaeology, Tribal Cultural Resources
Negar Vahidi, MPA	Land Use, Planning, and Agriculture; Environmental Justice; Potential Site Reuse Concepts
Tatiana Inouye, MESM	Aesthetics; Land Use, Planning, and Agriculture; Potential Site Reuse Concepts
Stanley Yeh, MPA	Hazardous Materials (non-radiological)
Jeanne Ogar, MESM	Marine Transportation
Stephanie Tang	Executive Summary, Public Services and Utilities, Wildfire, Other CEQA Sections
Irene Kaufman, MS	Potential Site Reuse Concepts
Avery Robinson	General project support
Christopher Notto	GIS/EIR Figures
Kati Simpson, CGDP	Graphics/EIR Figures

**Anchor QEA**

Alyssa Cannon, EIT	Coastal Processes, Climate Change and Sea-Level Rise
David Cannon, MCE, PE	Coastal Processes, Climate Change and Sea-Level Rise
Lena DeSantis, MS	Coastal Processes, Hydrology and Water Quality, Climate Change and Sea-Level Rise
Jordan Theyel	Coastal Processes, Hydrology and Water Quality, Climate Change and Sea-Level Rise
Chris Osuch	Hydrology and Water Quality
Mike Geffel, MS, CPG	Hydrology and Water Quality
Andrew Martin	Hydrology and Water Quality
Margaret Carrillo-Sheridan, MS, PE	Alternatives Analysis

**ENGEO**

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Jennifer Knipper, MS, GIT	Geology and Soils (including Paleontology)
Randy Hildebrant, MS, PE, GE	Geology Support

**Fehr & Peers**

Jeremiah LaRose, MURP, AICP	Ground Transportation
John Muggridge, MS, AICP	Ground Transportation

**Integrated Science Solutions**

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Claude Wiblin, CHP	Radiological Hazards

**Merkel & Associates**

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Keith Merkel	Marine Biological Resources, Commercial Fishing

**Page & Turnbull**

Ruth Todd, FAIA, AICP, LEED AP	Historic Built Environment Resources
Flora Chou, MS, LEED	Historic Built Environment Resources
Clare Flynn, MS	Historic Built Environment Resources

**Veneklasen Associates, Inc.**

Stephen Martin, PhD, PE	Noise
Anika Atwal	Noise

**Winecki Consulting, Inc.**

April Winecki	Recreation and Public Access
Amber Geraghty, JD	Recreation and Public Access

## 9.4 References Cited

### Executive Summary

- CPUC (California Public Utilities Commission). 2022. Decision 22-12-005: Decision Implementing Senate Bill 846 made on Application 16-08-006. Issued December 6. Accessed January 11, 2023. <https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M499/K622/499622197.PDF>.
- \_\_\_\_\_. 2023. Proceeding R2301007: Implementing Senate Bill 846 Concerning Potential Extension of Diablo Canyon Power Plant Operations. Filed January 12, 2023. Accessed June 28, 2023. [https://apps.cpuc.ca.gov/apex/f?p=401:56::::RP,57,RIR:P5\\_PROCEEDING\\_SELECT:R2301007](https://apps.cpuc.ca.gov/apex/f?p=401:56::::RP,57,RIR:P5_PROCEEDING_SELECT:R2301007).
- Diablo Canyon Decommissioning Engagement Panel. 2022. Online Webinar Presentation, December 14, 2022. Slide 22.
- Dodd. 2022. Senate Bill No. 846, Diablo Canyon powerplant: extension of operations. Published September 2. Accessed January 11, 2023. [https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=202120220SB846](https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=202120220SB846).

### 1. Introduction

- CPUC (California Public Utilities Commission). 2018. Decision Approving Retirement of Diablo Canyon Nuclear Power Plant for Application 16-08-006: Application of Pacific Gas and Electric Company for Approval of the Retirement of Diablo Canyon Power Plant, Implementation of the Joint Proposal, And Recovery of Associated Costs Through Proposed Ratemaking Mechanisms (U39E). CPUC Decision 18-01-022, dated January 11, 2018.
- \_\_\_\_\_. 2021a. Decision Requiring Procurement to Address Mid-Term Reliability (2023-2026), per Rulemaking 20-05-003 Order Instituting Rulemaking to Continue Electric Integrated Resource Planning and Related Procurement Processes. CPUC Decision 21-06-035 dated June 24, 2021. Issued June 30, 2021.
- \_\_\_\_\_. 2021b. Decision Adopting Settlement for Applications 18-07-013 and 18-12-008: Application of Pacific Gas and Electric Company for Authorization to Establish the Diablo Canyon Decommissioning Planning Cost Memorandum Account (U39E) [Application 18-07-013] and Related Matter [Application 18-12-008]. CPUC Decision 21-09-003 dated September 9, 2021. Issued September 10, 2021.
- CSLC (California State Lands Commission). 2016. Fully Executed Lease PRC 9347.1. Letter from California State Lands Commission signed by Jannalisa Toy to Pacific Gas & Electric Company, Subject: General Lease – Industrial Use, for the Continued Use and Maintenance of a cooling water discharge channel, water intake structure, breakwaters, boat dock, storage facility, office facilities, intake electrical room, intake maintenance shop, equipment storage pad, and spare tri-bar storage associated with the Diablo Canyon Nuclear Power Plant, adjacent to Diablo Canyon Power Plant, near Avila Beach, San Luis Obispo County. Approved June 28, 2016.
- \_\_\_\_\_. 2020. Staff Report No. 52. Amendment of Lease. PCR 9347.1. A2528. C. Hudson. April 29. Exhibit B, Diablo Canyon Boundary Line Agreement, BLA 113.
- \_\_\_\_\_. 2022a. Email from Drew Simpkin, Public Land Management Specialist at the California State Lands Commission to Susan Strachan, County of San Luis Obispo Department of Planning and Building, Subject: RE: [EXT]REVISED REFERRAL – Response to Information-Hold for DRC2021-00092 – Diablo Canyon Nuclear Power Plant Decommissioning Project. January 6.

- \_\_\_\_\_. 2022b. Email from Drew Simpkin, Public Land Management Specialist at the California State Lands Commission to Susan Strachan, County of San Luis Obispo Department of Planning and Building, Subject: RE: CSLC Boundary Shapefiles. January 13. DiabloCanyonShapefiles(2).zip.
- DCDEP (Diablo Canyon Decommissioning Engagement Panel). 2021. Spent Fuel Management. Accessed September 28, 2021. <https://diablocanyonpanel.org/decom-topics/spent-fuel-management/>.
- \_\_\_\_\_. 2022. Decommissioning Selection of Orano for the New Dry Cask Storage System. April 20. Presented by Tom Jones, Director – Strategic Initiatives. Slide 13. Accessed January 4, 2023. [https://diablocanyonpanel.org/wp-content/uploads/2022/04/Agenda-Item-8a-New-System-Slides\\_final.pdf](https://diablocanyonpanel.org/wp-content/uploads/2022/04/Agenda-Item-8a-New-System-Slides_final.pdf).
- Dodd. 2022. Senate Bill No. 846, Diablo Canyon powerplant: extension of operations. Published September 2. Accessed January 11, 2023. [https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=202120220SB846](https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=202120220SB846).
- DOE (US Department of Energy). 2013. Strategy for the Management and Disposal of Used Nuclear Fuel and High-Level Radioactive Waste. January. p. 2. Accessed August 10, 2022. <https://www.energy.gov/sites/prod/files/Strategy%20for%20the%20Management%20and%20Disposal%20of%20Used%20Nuclear%20Fuel%20and%20High%20Level%20Radioactive%20Waste.pdf#:~:text=The%20Strategy%20for%20the%20Management%20and%20Disposal%20of,power%20generation%2C%20defense%2C%20national%20security%20and%20other%20activities>.
- \_\_\_\_\_. 2017. Draft Consent-Based Siting Process for Consolidated Storage and Disposal Facilities for Spent Nuclear Fuel and High-Level Radioactive Waste. January 12. p. 9.
- EPA (US Environmental Protection Agency). 1997. Memorandum OSWER No. 9200.4-18. Subject: Establishment of Cleanup Levels for CERCLA Sites with Radioactive Contamination. Signed by Steve Luftig and Larry Weinstock. August 22. Attachment B, pp. 1-2. Accessed August 10, 2022. [https://www.epa.gov/sites/default/files/2015-05/documents/rad\\_arar.pdf](https://www.epa.gov/sites/default/files/2015-05/documents/rad_arar.pdf).
- EPA and NRC (US Environmental Protection Agency and US Nuclear Regulatory Commission). 2002. Memorandum of Understanding between the Environmental Protection Agency and the Nuclear Regulatory Commission, Consultation and Finality on Decommissioning and Decontamination of Contaminated Sites. September 30/October 9. pp. 3-4. Accessed August 10, 2022. <https://www.nrc.gov/reading-rm/doc-collections/news/2002/mou2fin.pdf>.
- ERM. 2023. Technical Memorandum to Susan Strachan, County of San Luis Obispo, from Greg Wheeler and Crystahl Taylor of ERM. Subject: Permit Vesting Recommendations. April 10.
- Google Earth Pro. 2021a. Figure 1-1 (Project Location Map): Google Earth Pro 7.3.4.8248 (12/2021) Central Coast, CA. 35° 13' 18.56"N, 120° 51' 77.03"W, Eye Alt 69.50 miles. Landsat/Copernicus, 2021. [9/8/2021].
- \_\_\_\_\_. 2021b. Figure 1-1 (PBR Site): Google Earth Pro 7.3.4.8248 (2/6/2021) Pismo Beach, CA. 35° 08' 45.38"N, 120° 38' 02.00"W, Eye Alt 16755 feet. Maxar Technologies, 2021. [9/8/2021]
- Monning. 2018. Senate Bill 1090: Diablo Canyon Nuclear Power Plant. Accessed January 4, 2023. <https://legiscan.com/CA/text/SB1090/id/1817296/California-2017-SB1090-Enrolled.html>.
- MRS (Marine Research Specialists). 2004. Diablo Canyon Independent Spent Fuel Storage Installation (ISFSI) Final Environmental Impact Report. Prepared for the County of San Luis Obispo. January. p. 2-14.

- NRC (US Nuclear Regulatory Commission). 2002. Generic Environmental Impact Statement on Decommissioning of Nuclear Facilities, Supplement 1. NUREG-0586, Supplement 1 – Volume 1. <https://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr0586/s1/v1/index.html>.
- NRC, EPA, DOE, DOD (US Nuclear Regulatory Commission, US Environmental Protection Agency, US Department of Energy, and US Department of Defense). 2000. Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM). NUREG-1575, Rev. 1; EPA 402-R-97-016, Rev. 1; DOE/EH-0624, Rev. 1. August 2000. Accessed August 10, 2022. [https://www.epa.gov/sites/default/files/2017-09/documents/marssim\\_manual\\_rev1.pdf](https://www.epa.gov/sites/default/files/2017-09/documents/marssim_manual_rev1.pdf).
- PG&E (Pacific Gas and Electric Company). 2016. News Release – In Step with California’s Evolving Energy Policy, PG&E, Labor and Environmental Groups Announce Proposal to Increase Energy Efficiency, Renewables and Storage While Phasing Out Nuclear Power Over the Next Decade, Release Date June 21, 2016. [https://www.pge.com/en\\_US/about-pge/media-newsroom/news-details.page?pageID=ee2bfead-5314-47b0-98f0-cc07cad26b55&ts=1644522147664](https://www.pge.com/en_US/about-pge/media-newsroom/news-details.page?pageID=ee2bfead-5314-47b0-98f0-cc07cad26b55&ts=1644522147664).
- \_\_\_\_\_. 2019a. Diablo Canyon Power Plant, Units 1 and 2 - Post-Shutdown Decommissioning Activities Report. PG&E Letter DCL-19-077 and Report Enclosure. Dated December 4, 2019. <https://diablocanyonpanel.org/wp-content/uploads/2019/12/DCL-19-077.pdf>.
- \_\_\_\_\_. 2019b. Diablo Canyon Power Plant, Units 1 and 2 Irradiated Fuel Management Plan. PG&E Letter DCL-19-081 and Enclosure. Dated December 4, 2019. <https://diablocanyonpanel.org/wp-content/uploads/2019/12/DCL-19-081.pdf>.
- \_\_\_\_\_. 2019c. PG&E Letter DCL-19-081 to the US Nuclear Regulatory Commission from James M. Welsch, Senior Vice President General and Chief Nuclear Officer of PG&E. December 4. Enclosure p. 4 of 7. Accessed August 10, 2022. <https://diablocanyonpanel.org/wp-content/uploads/2019/12/DCL-19-081.pdf>.
- \_\_\_\_\_. 2021a. County of San Luis Obispo Development Plan / Coastal Development Permit and Conditional Use Permit Application Package for the Diablo Canyon Power Plant Decommissioning Project (Amended Submittal). June 30. File: Project Description, Environmental & Alternatives Analyses (Revised).
- \_\_\_\_\_. 2021b. PG&E Responses to San Luis Obispo County Information Hold Letter (Dated April 28, 2021). July 26.
- \_\_\_\_\_. 2021c. PG&E Letter DCL-21-079 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Responses to August 25, 2021 Request for Additional Information, Data Requests Set #1. October 26. PD-1 (Appendix A). GIS ProjectDescription\_GIS\_Data.gdb.zip.
- \_\_\_\_\_. 2021d. PG&E Letter DCL-21-096 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Responses to November 12, 2021 Request for Additional Information, Data Request Set #2. December 16.
- \_\_\_\_\_. 2021e. PG&E Letter DCL-21-073 to U.S. Nuclear Regulatory Commission, from Maureen R. Zawalick, Vice President, General Business and Technical Services, PG&E. Subject: Notification of Changes to Post-Shutdown Decommission Activities Report, Site-Specific Decommissioning Cost Estimate, and Irradiated Fuel Management Plan for Diablo Canyon Power Plant, Units 1 and 3. October 19. NRC Adams Accession No. ML21293A120. Accessed August 10, 2022. <https://www.nrc.gov/docs/ML2129/ML21293A120.pdf>.

- \_\_\_\_\_. 2022. Diablo Decommissioning FYI: Information about Diablo Decommissioning. ATTENTION: Diablo Canyon Decommissioning Engagement Panel #41 – March 9, 2022. WHAT: PG&E Files Diablo Canyon Independent Spent Fuel Storage Installation (ISFSI) License Renewal Application (LRA). March 9.
- PG&E et. al. (Pacific Gas and Electric Company, Friends of the Earth, Natural Resources Defense Council, Environment California, International Brotherhood of Electrical Workers Local 1245, Coalition of California Utility Employees, and Alliance for Nuclear Responsibility). 2016. Joint Proposal of Pacific Gas and Electric Company, Friends of the Earth, Natural Resources Defense Council, Environment California, International Brotherhood of Electrical Workers Local 1245, Coalition of California Utility Employees and Alliance for Nuclear Responsibility to Retire Diablo Canyon Nuclear Power Plant at Expiration of the Current Operating Licenses and Replace It with a Portfolio of GHG Free Resources. Accessed February 2022. <https://www.pge.com/includes/docs/pdfs/safety/dcpp/JointProposal.pdf>.
- PSLHD, 2007. Port of San Luis Harbor District. Master Plan. May 2004, revised per 2007 LCP update. Accessed July 5, 2022. Page 4 of 28. <https://www.portsanluis.com/DocumentCenter/View/83/Improvements-and-Implementation?bidId=>.
- San Luis Obispo (County of San Luis Obispo). 2022. Diablo Canyon Power Plant Decommissioning Project Website. Accessed July 7, 2022. <https://www.slocounty.ca.gov/Departments/Planning-Building/Grid-Items/Community-Engagement/Active-Planning-Projects/Diablo-Canyon-Power-Plant-Decommissioning.aspx>.

## 2. Project Description

- CPUC (California Public Utilities Commission). 2021. Decision 21-09-003 – Decision Adopting Settlement on the Application of Pacific Gas and Electric Company for Authorization to Establish the Diablo Canyon Decommissioning Planning Cost Memorandum Account (U39E.). September 9. pp. 41-45. Accessed December 20, 2022. <https://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M406/K301/406301367.PDF>
- ERM. 2022. Project Description Figure 20220825 submitted via email from Gregory Wheeler, Partner of ERM. August 26.
- \_\_\_\_\_. 2023a. Email from Gregory Wheeler of ERM to Susan Strachan, County of San Luis Obispo Department of Planning and Building, and Kris Vardas of PG&E. Subject: RE: [EXT]FW: Road to Borrow Site. February 21.
- \_\_\_\_\_. 2023b. Technical Memorandum to Susan Strachan, County of San Luis Obispo, from Greg Wheeler and Crystahl Taylor of ERM. Subject: Permit Vesting Recommendations. April 10.
- Google Earth Pro. 2021a. Figure 2-1 (Project Location Map): Google Earth Pro 7.3.4.8248 (12/2021) Central Coast, CA. 35° 13' 18.56"N, 120° 51' 77.03"W, Eye Alt 69.50 miles. Landsat/Copernicus, 2021. [9/8/2021].
- \_\_\_\_\_. 2021b. Figure 2-2 (DCPP Site): Google Earth Pro 7.3.4.8248 (2/26/2021) Diablo Canyon, CA. 35° 12' 37.62"N, 120° 50' 46.18"W, Eye Alt 33224 feet. Maxar Technologies, 2021. [9/8/2021]
- \_\_\_\_\_. 2021c. Figure 2-3 (PBR Site): Google Earth Pro 7.3.4.8248 (2/6/2021) Pismo Beach, CA. 35° 08' 45.38"N, 120° 38' 02.00"W, Eye Alt 16755 feet. Maxar Technologies, 2021. [9/8/2021]
- Lucia Mar Unified School District. 2023. Judkins Middle School – Bell Schedules. Accessed February 27, 2023. [https://judkins.luciamarschools.org/apps/bell\\_schedules/printerfriendly.jsp](https://judkins.luciamarschools.org/apps/bell_schedules/printerfriendly.jsp).



- Naylor Law Team. 2019. What is a Spud Barge? March 14. Accessed July 11, 2022. <https://naylorlaw.com/blog/spud-barge/>
- PG&E (Pacific Gas and Electric Company). 2020a. 2019 Annual Radiological Environmental Operating Report, Diablo Canyon Power Plan, January 1, 2019 – December 31, 2019. March 10. p. 100.
- \_\_\_\_\_. 2020b. Transportation Assessment – Diablo Canyon Power Plant. Prepared for PG&E by Gibson Transportation Consulting, Inc. and ERM. Revision 0. October. Provided as Appendix N to the March 2021 Permit Application Package to the County of San Luis Obispo. p. 52.
- \_\_\_\_\_. 2021a. County of San Luis Obispo Development Plan/Coastal Development Permit and Conditional Use Permit Application Package for the Diablo Canyon Power Plant Decommissioning Project (Amended Submittal). June 30. File: Project Description, Environmental & Alternatives Analyses (Revised).
- \_\_\_\_\_. 2021b. PG&E Responses to San Luis Obispo County Information Hold Letter (Dated April 28, 2021). July 26.
- \_\_\_\_\_. 2021c. PG&E Letter DCL-21-072 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Responses to August 9, 2021 Information Hold Letter and September 17, 2021 Comments on Draft Responses. October 6.
- \_\_\_\_\_. 2021d. PG&E Letter DCL-21-079 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Responses to August 25, 2021 Request for Additional Information, Data Request Set #1. October 26.
- \_\_\_\_\_. 2021e. PG&E Letter DCL-21-096 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Responses to November 12, 2021 Request for Additional Information, Data Request Set #2. December 16.
- \_\_\_\_\_. 2021f. Santa Maria Valley Railroad – Betteravia Industrial Park Truck to Rail Transfer Activities Project Description – DRAFT. December 23. Provided by Kris Vardas of PG&E via email on January 12, 2022.
- \_\_\_\_\_. 2021g. Santa Maria Valley Railroad – Osburn Yard Truck to Rail Transfer Activities Project Description – DRAFT. December 23. Provided by Kris Vardas of PG&E via email on January 12, 2022.
- \_\_\_\_\_. 2022a. Diablo Canyon Power Plant Decommissioning Project Call with PG&E January 11, 2022 – Follow-up Questions/Data Requests. Meeting Notes & Action Items. January 11.
- \_\_\_\_\_. 2022b. PG&E Letter DCL-22-022 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Response to Requests for Additional Information. March 31. Responses to Data Request Set #5, 6, 7, and 8.
- \_\_\_\_\_. 2022c. Preliminary Discharge Structure Demolition and Restoration Plan – 30% Design Level. Prepared for PG&E by ERM. Revision 0. July 7. Appendix 1, Cofferdam Design Drawings 30%, S2.01 DISCHARGE AREA – SITE PLAN; Appendix 3, Discharge Demolition Construction Sequence Drawings, Sheet 2.01 DISCHARGE STRUCTURE DEMOLITION OPTIONS – 1, Post Demolition – Section; Appendix 4, Anchor Plan for Marine Works at Diablo Canyon Decommissioning Project, Rev: 3 04/05/22; and Appendix 7, Existing and Proposed Contours (Limits of Disturbance).

- \_\_\_\_\_. 2022d. Email from Kris Vardas of PG&E to Susan Strachan, County of San Luis Obispo Department of Planning and Building, Subject: FW: DCPD discharge structure backfill visualization. July 14. Attachment: Discharge Before After Photos.pdf.
- \_\_\_\_\_. 2022e. Grading Plans, Rev. 4 submittal, including Project Grading Excerpts Updated 20220805, 4 Earthwork QtyRev 4\_publish, Grading Plan Sheet G-02. August 9.
- \_\_\_\_\_. 2022f. Future Water Supply Study. Prepared for PG&E by ERM. Revision 0. October 5.
- \_\_\_\_\_. 2022g. Email from Kris Vardas of PG&E to Susan Strachan, County of San Luis Obispo Department of Planning and Building, Subject: RE: PG&E Milestone Schedule. December 20.
- \_\_\_\_\_. 2022h. Email from Kris Vardas of PG&E to Susan Strachan, County of San Luis Obispo Department of Planning and Building, Subject: [EXT]RE: Follow-Up on Call Questions regarding DCPD Water & Emergency Services. December 21.
- \_\_\_\_\_. 2022i. Security Exclusion Zone. Personal communication via email from Kris Vardas, PG&E Supervisor, DCPD Decommissioning. Subject: 2,000-yard exclusion zone. January 11.
- \_\_\_\_\_. 2023a. Email from Kris Vardas of PG&E to Cindy A. Chambers, County of San Luis Obispo Department of Planning and Building, Subject: [EXT]RE: Questions and Clarification on a few items. January 9.
- \_\_\_\_\_. 2023b. Email from Kris Vardas of PG&E to Cindy A. Chambers, County of San Luis Obispo Department of Planning and Building, Subject: [EXT]FW: Questions/Clarifications on EIR PD – ERM Responses. January 11.
- \_\_\_\_\_. 2023c. Email from Kris Vardas of PG&E to Susan Strachan, County of San Luis Obispo Department of Planning and Building, Subject: [EXT]Figure 2-7. January 24.
- \_\_\_\_\_. 2023d. Email from Kris Vardas of PG&E to Susan Strachan, County of San Luis Obispo Department of Planning and Building, Subject: [EXT]DCPD Decommissioning - Security Related Questions. February 28.
- \_\_\_\_\_. 2023e. Preliminary Engineering Geology Report for the Decommissioning of the Diablo Canyon Power Plant: Response to County of San Luis Obispo Request April 5, 2022. Pacific Gas and Electric Co. Geosciences Department, Report No. GEO.22.95, Revision 0. March 22. Part II, pp. 374-375.
- \_\_\_\_\_. 2023f. Email from Kris Vardas of PG&E to Susan Strachan, County of San Luis Obispo Department of Planning and Building, Subject: [EXT]Existing Septic System - East Canyon Area. April 27.
- Ramboll. 2022. Technical Note: Eel Grass Shading and Barge Loading. February 27.
- US Coast Guard and US Department of Transportation. 2002. Security Zone; Waters Adjacent to Diablo Canyon Nuclear Power Plant, Avila Beach, CA. December 18. Accessed January 12, 2022. <https://www.federalregister.gov/documents/2002/12/18/02-31767/security-zone-waters-adjacent-to-diablo-canyon-nuclear-power-plant-avila-beach-ca>.

### **3. Assessment Methodology**

- Avila Valley Advisory Council. 2021. Active/In Process Avila Planning and Building Projects. Excel Spreadsheet.
- BOEM (Bureau of Ocean Energy Management). 2021a. Morro Bay Wind Energy Area, Scoping for the Development of an Environmental Assessment. Accessed December 1, 2021. <https://www.boem.gov/renewable-energy/state-activities/morro-bay-wind-energy-area>.

- \_\_\_\_\_. 2021b. BOEM Designates Wind Energy Area off Central California. Accessed December 1, 2021. <https://www.boem.gov/newsroom/press-releases/boem-designates-wind-energy-area-central-california>.
- \_\_\_\_\_. 2021c. Memorandum to Doug Boren, Regional Director, Pacific OCS Regional office, from United States Department of the Interior, Bureau of Ocean Energy Management. Accessed December 1, 2021. <https://www.boem.gov/sites/default/files/documents/renewable-energy/state-activities/Area-ID-CA-Morro-Bay.pdf>.
- \_\_\_\_\_. 2022a. Humboldt Wind Energy Area. Accessed January 4, 2022. <https://www.boem.gov/renewable-energy/state-activities/humboldt-wind-energy-area>.
- \_\_\_\_\_. 2022b. Oregon Activities. Accessed January 4, 2022. <https://www.boem.gov/renewable-energy/state-activities/Oregon>.
- \_\_\_\_\_. 2022c. Humboldt Wind Energy Area. Accessed January 4, 2023. <https://www.boem.gov/renewable-energy/state-activities/humboldt-wind-energy-area#:~:text=On%20May%205%2C%202022%2C%20BOEM,found%20on%20the%20EA%20tab>.
- CEC (California Energy Commission). 2022. Pecho Energy Storage Center. Accessed January 31, 2022. <https://www.energy.ca.gov/powerplant/caes/pecho-energy-storage-center>.
- Chumash Heritage National Marine Sanctuary. 2021. Santa Barbara County Board of Supervisors Votes Unanimously to Support the Designation of the Chumash Heritage Sanctuary. Accessed January 4, 2022. <https://chumashsanctuary.org/2021/12/15/sb-county-resolution/>.
- CSLC (California State Lands Commission). 2021a. Final Preliminary Environmental Assessment, Vandenberg Offshore Wind Energy Projects. Accessed November 19, 2021. [https://slcprdwordpresstorage.blob.core.windows.net/wordpressdata/2021/10/Vandenberg-Offshore-Wind-Final-PEA\\_webacc.pdf](https://slcprdwordpresstorage.blob.core.windows.net/wordpressdata/2021/10/Vandenberg-Offshore-Wind-Final-PEA_webacc.pdf).
- \_\_\_\_\_. 2021b. South Ellwood Project. Accessed November 19, 2021. <https://www.slc.ca.gov/oil-and-gas/southellwood/>.
- \_\_\_\_\_. 2021c. Rincon Onshore and Offshore Facilities. Accessed November 19, 2021. <https://www.slc.ca.gov/oil-and-gas/rincon/>.
- Esterobay News. 2021. Vistra Proposed World's Biggest Battery Storage Facility. Accessed May 19, 2023. <https://esterobaynews.com/featured-stories/vistra-proposes-worlds-biggest-battery-storage-facility/>.
- \_\_\_\_\_. 2022. Hydroelectric Plant Proposed for Whale Rock Reservoir. Accessed May 19, 2023. <https://esterobaynews.com/featured-stories/hydroelectric-plant-proposed-for-whale-rock-reservoir/>.
- Friends of the Bob Jones Trail. 2021. Overview. Accessed January 4, 2022. <https://thebobjonestrail.com/trail-connection>.
- Morro Bay. 2021. Trident Winds Offshore Wind Energy Project. Accessed December 1, 2021. <https://www.morrobayca.gov/897/Trident-Winds-Offshore-Wind-Energy-Proje>.
- NOAA (National Oceanic and Atmospheric Administration). 2022. National Marine Sanctuaries. Proposed Designation Of Chumash Heritage National Marine Sanctuary. Accessed December 22, 2022. <https://sanctuaries.noaa.gov/chumash-heritage/>.
- Northern Chumash Tribal Council. 2015. Chumash Heritage National Marine Sanctuary Nomination. Accessed January 4, 2022. [https://nmsnominate.blob.core.windows.net/nominate-prod/media/documents/nomination\\_chumash\\_heritage\\_071715.pdf](https://nmsnominate.blob.core.windows.net/nominate-prod/media/documents/nomination_chumash_heritage_071715.pdf).

- NRC (Nuclear Regulatory Commission). 2021. Diablo Canyon Power Plant, Units 1 and 2 – Integrated Inspection Report 05000275/2021001 AND 05000323/2021001 and Independent Spent fuel Storage Installation Inspection Report 07200026/2021001. May 7. pp. 13-14. NRC ADAMS Accession Number ML21118A017. Accessed June 14, 2022.
- Orano. 2022. EOS-HSM Installation.
- PG&E (Pacific Gas & Electric Company). 2021. County of San Luis Obispo Development Plan/Coastal Development Permit and Conditional Use Permit Application Package for the Diablo Canyon Power Plant Decommissioning Project (Amended Submittal). June 30. File: Project Description, Environmental & Alternatives Analyses (Revised). p. 53 of 76.
- \_\_\_\_\_. 2022. Features of DCPD Dry Cask Storage Systems. May 10.
- Pismo Beach (City of Pismo Beach). 2018. Capital Improvement Plan and Major Expenditures, FY 2019-20 through FY 2028-29. Accessed January 4, 2022. <https://www.pismo-beach.org/DocumentCenter/View/185/Capital-Improvement-Program?bidId=>.
- Power Technology. 2021. Trident Winds Morro Bay Offshore Wind Farm. Accessed December 1, 2021. [https://www.power-technology.com/projects/trident-winds-morro-bay-offshore-wind-farm/#:~:text=The%20Morro%20Bay%20Offshore%20\(MBO\)%20project%20is%20a%20floating%20offshore,farm%20when%20commissioned%20in%202025.](https://www.power-technology.com/projects/trident-winds-morro-bay-offshore-wind-farm/#:~:text=The%20Morro%20Bay%20Offshore%20(MBO)%20project%20is%20a%20floating%20offshore,farm%20when%20commissioned%20in%202025.)
- San Luis Obispo (County of San Luis Obispo). 2021. Avila Beach Drive at Highway 101 Interchange. Accessed November 17, 2021. <https://www.slocounty.ca.gov/Departments/Public-Works/Current-Public-Works-Projects/Avila-Beach-Drive-at-Highway-101-Interchange.aspx>.
- \_\_\_\_\_. 2022a. Referral Package (N-DRC2021-00029)/Belmont Trail Battery Energy Storage System. Accessed January 31, 2022. [https://energov.sloplanning.org/EnerGov\\_Prod/SelfService#/plan/e1531ea3-33d3-4bde-a627-71b2c75b8a15?tab=attachments](https://energov.sloplanning.org/EnerGov_Prod/SelfService#/plan/e1531ea3-33d3-4bde-a627-71b2c75b8a15?tab=attachments).
- \_\_\_\_\_. 2022b. Department of Planning & Building Courtesy Notice – Weekly Report of Environmental Documents Available for Review, Week of November 18, 2022 – December 2, 2022. Accessed January 4, 2023. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Environmental-Forms-and-Documents/Courtesy-Notices,-Weekly-Summary-Listing-of-Enviro/11-18-22-to-12-02-22-Courtesy-Notice.pdf>.
- Santa Barbara (County of Santa Barbara). 2021a. Planning and Development Projects. Accessed November 19, 2021. <http://www.countyofsb.org/plnDev/projects.sbc>.
- \_\_\_\_\_. 2021b. Cumulative Projects List for the Entire County. March 5. Accessed November 19, 2021.
- Santa Maria (City of Santa Maria). 2021. City of Santa Maria Major Developments (July 2021). Accessed November 18, 2021. <https://www.cityofsantamaria.org/home/showdocument?id=28992>.
- SCAG (Santa Barbara County Association of Governments). 2022. Highway 101 – Betteravia Road Interchange. Accessed February 10, 2022. <http://www.measurea.net/highway-101-betteravia-road-interchange.html>.
- SLOCOG (San Luis Obispo Council of Governments). 2021. Improving Congestion and Mobility on the 101. Accessed November 17, 2021. <https://www.slocog.org/programs/highways-streets-roads/us-highway-101/improving-congestion-and-mobility-101>.
- Stantec. 2022. Memorandum: ISFSI Comparative Analysis, from Eric Snelling of Stantec, Santa Maria, to Kris Vardas of PG&E.

US Department of the Interior. 2022. Press Release: Biden-Harris Administration Announces Winners of California Offshore Wind Energy Auction. December 7. Accessed December 22, 2022. <https://doi.gov/pressreleases/biden-harris-administration-announces-winners-california-offshore-wind-energy-auction>.

## 4. Environmental Setting and Impact Analysis (Phases 1 and 2)

### 4.1 Aesthetics

Caltrans (California Department of Transportation). 2019. List of eligible and officially designated State Scenic Highways. August. Accessed December 7, 2021. <https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways>.

Pismo Beach (City of Pismo Beach). 1993. City of Pismo Beach General Plan and Local Coastal Program. Certified by Coastal Commission May 1993, with multiple amendments through September 27, 2013. Accessed November 29, 2021. <https://www.pismo-beach.org/DocumentCenter/View/247/01-General-Plan-?bidId=>.

\_\_\_\_\_. 2021. Pismo Beach Municipal Code. Updated December 21. <https://codelibrary.amlegal.com/codes/pismo-beach/latest/overview>. Accessed January 27, 2022.

San Luis Obispo (County of San Luis Obispo). 2007. County of San Luis Obispo Coastal Plan Policies. Certified by the California Coastal Commission February 25, 1988. Revised April 2007. Accessed December 1, 2021. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements.aspx>.

\_\_\_\_\_. 2009. San Luis Bay Area Plan (Coastal). Certified by the California Coastal Commission February 25, 1988. Revised August 2009. Accessed December 2, 2021. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Area-Plans.aspx>.

\_\_\_\_\_. 2010. County of San Luis Obispo General Plan, Conservation and Open Space Element. Adopted May 2010. Accessed December 3, 2021. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements.aspx>.

\_\_\_\_\_. 2015. County of San Luis Obispo. Notice of Preparation for the Avila Point/Avila Tank Farm, General Plan/Specific Plan Amendment LRP2012-00038, Development Plan, and Coastal Development Permit DRC2012-00048. November 9.

\_\_\_\_\_. 2019. Coastal Zone Land Use Ordinance. Title 23 of the San Luis Obispo County Code. Adopted March 1, 1988. Certified by the California Coastal Commission October 7, 1986. Revised April 2019. Accessed December 6, 2021. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Ordinances.aspx>.

\_\_\_\_\_. 2022. Land Use View. Accessed January 4, 2022. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Land-Use-View-Map-User-Guides.aspx>.

Santa Barbara (County of Santa Barbara). 2009. Santa Barbara County Comprehensive Plan. Open Space Element. Adopted 1979. Republished May 2009. Accessed January 24, 2022. <https://www.countyofsb.org/plndev/policy/comprehensiveplan/comprehensiveplan.sbc>.

\_\_\_\_\_. 2016. Santa Barbara County Comprehensive Plan. Land Use Element. Adopted 1980. Amended December 2016. Accessed December 2, 2021. <https://www.countyofsb.org/plndev/policy/comprehensiveplan/comprehensiveplan.sbc>.

\_\_\_\_\_. 2020. Santa Barbara County Code- Chapter 35- County Land Use and Development Code. Effective January 9. Accessed January 27, 2022. <https://www.countyofsb.org/plndev/policy/LUDC.sbc>.

## 4.2 Air Quality

CARB (California Air Resources Board). 2005. Air Quality and Land Use Handbook: A Community Health Perspective. Accessed March 15, 2022. <https://ww3.arb.ca.gov/ch/handbook.pdf>.

\_\_\_\_\_. 2016. Ambient Air Quality Standards. Accessed January 21, 2022. <https://ww2.arb.ca.gov/sites/default/files/2020-07/aaqs2.pdf>.

\_\_\_\_\_. 2017a. San Luis Obispo County Annual Average Emissions. Accessed January 21, 2022. <https://ww2.arb.ca.gov/applications/emissions-county>.

\_\_\_\_\_. 2017b. Santa Barbara County Annual Average Emissions. Accessed January 21, 2022. <https://ww2.arb.ca.gov/applications/emissions-county>.

\_\_\_\_\_. 2021. Facility Detail Risk Selection. Facility Name: Diablo Canyon Nuclear Power Plant. Accessed December 14, 2021. <https://www.arb.ca.gov/app/emsinv/facinfo/facinfo.php>.

CDPH (California Department of Public Health). 2019. Epidemiologic Summary of Valley Fever in California, 2019. Accessed December 13, 2021. <https://www.cdph.ca.gov/Programs/CID/DCDC/CDPH%20Document%20Library/CocciEpiSummary2019.pdf>.

Google Earth Pro. 2022a. (SMVR-SM Site): Google Earth Pro 7.3.4.8248 (2/27/2021) Santa Maria, CA. 34° 55' 40.96N, 120° 27' 35.31"W, Eye Alt 47637 feet. Maxar Technologies, 2021. Accessed May 28, 2022.

\_\_\_\_\_. 2022b. (DCPP and PBR Sites): Google Earth Pro 7.3.4.8248 (2/27/2021) San Luis Obispo, CA. 35° 09' 42.72N, 120° 45' 13.05"W, Eye Alt 18.24 mi. Maxar Technologies, 2021. Accessed May 28, 2022.

NOAA (National Oceanic & Atmospheric Administration). 2022. US Department of Commerce, NOAA, National Centers for Environmental Information. Summary of Monthly Normal (1991-2020); Station: SAN LUIS OBISPO AP, CA US USW00093206. Accessed August 2, 2022. <https://www.ncei.noaa.gov/access/us-climate-normals/#dataset=normals-monthly&timeframe=30&location=CA&station=USW00093206>.

OEHHA (Office of Environmental Health Hazard Assessment). 2015. Risk Assessment Guidelines. Guidance Manual for Preparation of Health Risk Assessments. February. Accessed March 15, 2022. <https://oehha.ca.gov/media/downloads/crn/2015guidancemanual.pdf>.

PG&E (Pacific Gas and Electric Company). 2020. Technical Memorandum from ERM to PG&E. Subject: Naturally Occurring Asbestos Sampling and Analysis Results, Diablo Canyon Power Plant, Avila Beach, California. August 6.

\_\_\_\_\_. 2021a. County of San Luis Obispo Development Plan / Coastal Development Permit and Conditional Use Permit Application Package for the Diablo Canyon Power Plant Decommissioning Project (Amended Submittal). June 30. File: Project Description, Environmental & Alternatives Analyses (Revised).

\_\_\_\_\_. 2021b. Traffic Impact Assessment – Alternate Loading at Santa Maria, CA, Addendum 1 – Air Quality and GHG Impact Assessment Report. June 14. Provided as Appendix Q to the June 2021 Permit Application Package to the County of San Luis Obispo.

- \_\_\_\_\_. 2021c. Air Quality and GHG Impact Assessment Report. Revision 1. June 30. Provided as Appendix I1 to the June 2021 Permit Application Package to the County of San Luis Obispo.
- \_\_\_\_\_. 2021d. PG&E Letter DCL-21-072. Responses to August 9, 2021 Information Hold Letter and September 17, 2021 Comments. October 6.
- \_\_\_\_\_. 2021e. PG&E Letter DCL-21-079. Responses to August 25, 2021 Request for Additional Information, Data Request Set #1. October 26.
- \_\_\_\_\_. 2022a. Technical Memorandum from ERM to PG&E. PG&E Emission Calculation Updates, Attachment 1 Live AQIA File V2 and Technical Memorandum from ERM to PG&E. Subject: Emission Calculation Updates Rev 1, Diablo Canyon Power Plant (DCPP). June 6.
- \_\_\_\_\_. 2022b. Health Risk Assessment Calculation Updates, Diablo Canyon Power Plant (DCPP). Technical Memorandum from ERM to PG&E. April 13.
- \_\_\_\_\_. 2022c. PG&E Meeting Notes, Re: SLOAPCD/PG&E Decommissioning Pre-Application Meeting. January 20.
- San Luis Obispo (San Luis Obispo County). 2010. County of San Luis Obispo General Plan, Conservation and Open Space Element. Accessed January 24, 2022. [https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Conservation-and-Open-Space-Element-\(1\)/Conservation-and-Open-Space-Element.pdf](https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Conservation-and-Open-Space-Element-(1)/Conservation-and-Open-Space-Element.pdf).
- Santa Barbara (County of Santa Barbara). 2021. Environmental Thresholds and Guidelines Manual. Accessed January 27, 2022. <https://cosantabarbara.app.box.com/s/vtxutffe2n52jme97lgmv66os7pp3lm5>.
- SBCAPCD (Santa Barbara County Air Pollution Control District). 2017. Scope and Content of Air Quality Sections in Environmental Documents. Accessed January 27, 2022. <https://www.ourair.org/wp-content/uploads/ScopeContentJune2017-LimitedUpdate.pdf>.
- \_\_\_\_\_. 2021. Santa Barbara County Attainment Status. Accessed January 28, 2022. <https://www.ourair.org/air-quality-standards/>.
- SLOCAPCD (San Luis Obispo County Air Pollution Control District). 2012. CEQA Air Quality Handbook. A Guide for Assessing the Air Quality Impacts for Projects Subject to CEQA Review. Published April 2012 and revised electronically November 2017 and July 2021. Accessed January 28, 2022. [https://storage.googleapis.com/slocleanair-org/images/cms/upload/files/CEQA\\_Handbook\\_2012\\_v2%20Updated%20MemoTable1-1\\_July2021%29\\_LinkedwithMemo.pdf](https://storage.googleapis.com/slocleanair-org/images/cms/upload/files/CEQA_Handbook_2012_v2%20Updated%20MemoTable1-1_July2021%29_LinkedwithMemo.pdf).
- \_\_\_\_\_. 2019. San Luis Obispo County Attainment Status. Accessed January 28, 2022. <https://storage.googleapis.com/slocleanair-org/images/cms/upload/files/AttainmentStatus29January2019.pdf>.
- \_\_\_\_\_. 2020. SLOAPCD Rules and Regulations. Accessed January 28, 2022. <https://www.slocleanair.org/rules-regulations/apcd-rules--regulations.php>.
- \_\_\_\_\_. 2023. SLOAPCD Rules and Regulations. Accessed January 27, 2023. <https://www.slocleanair.org/rules-regulations/asbestos.php>.
- Stantec. 2022. ISFSI Technical Memorandum from Stantec to PG&E. July 14. Attachment 1 – Air Quality Technical Memorandum, p. 4, Table 3.
- USEPA (United States Environmental Protection Agency). 2021. Pre-Generated Data Files, Annual Summary Data, Concentration by Monitor for 2019, 2020, and 2021 for SLO County and SB County Ambient Air Quality Data. Accessed December 23, 2021. [https://aqs.epa.gov/aqsweb/airdata/download\\_files.html#Annual](https://aqs.epa.gov/aqsweb/airdata/download_files.html#Annual).

\_\_\_\_\_. 2022. Health Effects of Ozone Pollution. Accessed January 19, 2023. <https://www.epa.gov/ground-level-ozone-pollution/health-effects-ozone-pollution>.

### 4.3 Biological Resources – Terrestrial

Adams, C.A., E. Fernandez-Juricic, E.M. Bayne and C.C. St. Clair. 2021. Effects of artificial light on bird movement and distribution: a systematic map. *Environmental Evidence* 10(37): 28 pp. Accessed June 17, 2022. <https://environmentalevidencejournal.biomedcentral.com/track/pdf/10.1186/s13750-021-00246-8.pdf>.

Alvarez J.A., M.A. Shea, J.T. Wilcox, M.L. Allaback, S.M. Foster, G.E. Padgett-Flohr, and J.L. Haire. 2013. Sympatry in California tiger salamander and California red-legged frog breeding habitat within their overlapping range. *California Fish and Game* 99(1): 42-48.

BioSystems Analysis, Inc. 1995. A Sensitive Plant and Wildlife Resource Inventory of Diablo Canyon Lands, Volume I: Survey Procedures and a Summary of Results. Prepared for PG&E. Revised 1996.

CAL-IPC (California Invasive Plant Council). 2022a. Invasive Plants. Accessed September 29, 2022. <https://www.cal-ipc.org/plants/>.

\_\_\_\_\_. 2022b. The CAL-IPC Inventory Database. California Invasive Plant Council, Berkeley, CA. Search conducted March 1, 2022. <https://www.cal-ipc.org/plants/inventory/>.

CCH (Consortium of California Herbaria). 2022. San Luis Obispo County records, Botanical specimen data provided by the participants of the Consortium of California Herbaria. Accessed January 11-13, 2022. <http://ucjeps.berkeley.edu/consortium/>.

CDFW (California Department of Fish and Wildlife). 2012. Staff Report on Burrowing Owl Mitigation. State of California Natural Resources Agency. California Department of Fish and Game. March 7. 36 pp.

\_\_\_\_\_. 2018. Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Sensitive Natural Communities. State of California Natural Resources Agency. California Department of Fish and Wildlife. March 20. 12 pp.

\_\_\_\_\_. 2020. Quagga and Zebra Mussel Sightings Distribution in California. Accessed September 29, 2021. <https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=140819&inline>.

\_\_\_\_\_. 2022a. California Natural Diversity Database (CNDDDB). RareFind 5: Version 5.2.14. California Department of Fish and Wildlife, Sacramento, CA. Search conducted February 3, 2022.

\_\_\_\_\_. 2022b. Special Animals List. California Department of Fish and Wildlife, Sacramento, CA.

\_\_\_\_\_. 2022c. Natural Communities. California Department of Fish and Wildlife. Accessed September 29, 2022. <https://wildlife.ca.gov/Data/VegCAMP/Natural-Communities>.

\_\_\_\_\_. 2022d. Map of Known Peregrine Falcon Nesting Territories. 1953-2017. Accessed June 30, 2022. <https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=158463&inline>.

CNPS (California Native Plant Society). 2022. Inventory of Rare and Endangered Plants of California (online edition, v8-03 0.39). Accessed January 11-13, 2022. <http://www.rareplants.cnps.org>.

Cornell University. 2018. How does soil fertility influence the competitive balance between crops and weeds? Organic Agriculture at Cornell, Department of Horticulture. Accessed May 11, 2023. <http://www.hort.cornell.edu/extension/organic/ocs/tutorial/weeds/fertility.html>.



- Cram, D.S., T.T. Baker, A.G. Fernald, A. Madrid, and B. Rummer. 2007. Mechanical thinning impacts on runoff, infiltration, and sediment yield following fuel reduction treatments in a southwestern dry mixed conifer forest. *Journal of Soil and Water Conservation* 62(5): 359-366.
- eBird. 2022. eBird: An online database of bird distribution and abundance [web application]. eBird, Cornell Lab of Ornithology, Ithaca, New York. Accessed January 11-13, 2022. <http://www.ebird.org>.
- Esri. 2022. "Terrain With Labels". Accessed September 29, 2022. <https://www.arcgis.com/home/item.html?id=2ef1306b93c9459ca7c7b4f872c070b9>.
- Farmer, A.M. 1993. The effects of dust on vegetation – a review. *Environmental Pollution* 79: 63-75.
- Fellers, G.M., A. Launer, G. Rathbun, S. Bobzien, J. Alvarez, D. Sterner, R. Seymour, and M. Westphal. 2001. Overwintering tadpoles in the red-legged frog (*Rana aurora draytonii*). *Herpetological Review* 32: 156-157.
- Holland, D.C. 1991. A synopsis of the ecology and status of the western pond turtle (*Clemmys marmorata*) in 1991. Prepared for U.S. Fish and Wildlife service, National Ecology Research Center, San Simeon Field Station.
- iNaturalist. 2022. Online database. Accessed April 8-12, 2022. <https://www.inaturalist.org>.
- Levick, L., J. Fonseca, D. Goodrich, M. Hernandez, D. Semmens, J. Stromberg, R. Leidy, M. Scianni, D.P. Guertin, M. Tluczek, and W. Kepner. 2008. The Ecological and Hydrological Significance of Ephemeral and Intermittent Streams in the Arid and Semi-arid American Southwest. U.S. Environmental Protection Agency and USDA/ARS Southwest Watershed Research Center, EPA/600/R-08/134, ARS/233046, 116 p.
- Lips, K.R. 2016. Overview of chytrid emergence and impacts on amphibians. *Philosophical Transactions*: 371. Royal Society Publishing. p. 9.
- Maxell, B. and G. Hokit. 1999. Effects of Recreation on Rocky Mountain Wildlife: A Review for Montana. Montana Chapter of the Wildlife Society. Accessed May 19, 2022. [www.montana.tws.org](http://www.montana.tws.org).
- Mohr, C.H., R. Coppus, A. Iroume, A. Huber, and A. Bronster. 2013. Runoff generation and soil erosion processes after clear cutting. *Journal of Geophysical Research: Earth Science* 118: 814-831.
- Motroni, R.S. 1979. Seasonal Variation of Bird Numbers in a Riparian Forest, Sacramento Valley, California. In: *California Riparian Systems: Ecology, Conservation, and Productive Management*. Warner, R.E., and K.M. Hendrix, editors. Berkley: University of California Press, c1984. Accessed September 29, 2022. <https://publishing.cdlib.org/ucpressebooks/view?docId=ft1c6003wp; chunk.id=0;doc.view=print>.
- Newton, G.A. and V.P. Claassen. 2003. Rehabilitation of Disturbed Lands in California: A Manual for Decision Making. Special Publication 123. California Geological Survey, Sacramento, CA. p. 240.
- NMFS (National Marine Fisheries Service). 2013. South-Central California Coast Steelhead Recovery Plan. West Coast Region, California Coastal Area Office, Long Beach, California.
- NRCS (Natural Resource Conservation Service). 2022a. Web Soil Survey 2.0. Accessed July 2022. <http://websoilsurvey.nrcs.usda.gov/>.
- \_\_\_\_\_. 2022b. National Hydric Soil List by State. Accessed July 2022. <https://www.nrcs.usda.gov/publications/query-by-state.html>.
- PG&E (Pacific Gas & Electric Company). 1995. A Sensitive Plant and Wildlife Resource Inventory of Diablo Canyon Lands, Volume I: Survey Procedures and a Summary of Survey Results. Prepared for PG&E

- by BioSystems Analysis, Inc. and PG&E, Revised 1996. Accessed May 4, 2022. <https://www.nrc.gov/docs/ML1116/ML11166A218.pdf>.
- \_\_\_\_\_. 2016a. Biological Resources Assessment, North Ranch Road Improvement Project, San Luis Obispo County, California – Land Use Permit Application. Prepared for PG&E by LSA Associates, Inc. July. Provided as Appendix I in response to Data Request Set #2 (PG&E Letter DCL-21-096 December 16, 2021).
- \_\_\_\_\_. 2016b. Diablo Canyon Power Plant 500 KV Transmission Tower and OCA Camera Tower Access Biological Resources Assessment. Prepared for PG&E and Cannon by SWCA Environmental Consultants. January. Provided as Appendix I in response to Data Request Set #2 (PG&E Letter DCL-21-096 December 16, 2021).
- \_\_\_\_\_. 2020a. Terrestrial Biological Resources Assessment – Diablo Canyon Decommissioning. Prepared for PG&E by Terra Verde Environmental Consulting, LLC and ERM. Rev. 0. August 18. Provided as Appendix K to the March 2021 Permit Application Package to the County of San Luis Obispo. p. 329.
- \_\_\_\_\_. 2020b. Diablo Canyon Decommissioning Preliminary Erosion and Sediment Control Plan – Diablo Canyon Power Plant. Prepared for PG&E by ERM. Rev. 0. September 30. Provided as Appendix B to the March 2021 Permit Application Package to the County of San Luis Obispo.
- \_\_\_\_\_. 2021a. Reconnaissance-level Biological Resources Assessment of the Santa Maria Valley Railyard – Santa Barbara (SMVR-SB), Santa Barbara County, California. Prepared for PG&E by Terra Verde Environmental Consulting, LLC and ERM. Provided as Appendix U to the July 2021 Permit Application Package to the County of San Luis Obispo. p. 27.
- \_\_\_\_\_. 2021b. Preliminary Oak Tree Inventory and Mitigation Plan for Pacific Gas & Electric Diablo Canyon Power Plant Decommissioning Project. Prepared for PG&E by Terra Verde Environmental Consulting, LLC. Provided as Appendix W to the July 2021 Permit Application Package to the County of San Luis Obispo. p. 32.
- \_\_\_\_\_. 2021c. Email from Kelly Kephart of PG&E to Chris Huntley of Aspen Environmental Group. December 9. Attachment included GIS data in zip file: DCPPSitesVegComm.
- \_\_\_\_\_. 2022a. Addendum to the Diablo Canyon Decommissioning Terrestrial Biological Resources Assessment, San Luis Obispo County, California. Prepared for PG&E by Terra Verde Environmental Consulting, LLC, June 16, 2022.
- \_\_\_\_\_. 2022b. Addendum to the Reconnaissance-level Biological Resources Assessment of the Santa Maria Valley Railyard – Santa Barbara (SMVR-SB), Santa Barbara County, California. Prepared for PG&E by Terra Verde Environmental Consulting, LLC, June 14, 2022.
- \_\_\_\_\_. 2022c. Site Assessment for California Tiger Salamander (*Ambystoma californiense*) Santa Maria Valley Railyard – Santa Barbara (SMVR-SB) (APN 113-210-001), Santa Barbara County, California. Prepared for PG&E and Terra Verde Environmental Consulting, LLC by Storrer Environmental Services, January 4. Provided as Enclosure 1 in response to Data Request Set #3 (PG&E Letter DCL-22-008 February 3, 2022).
- \_\_\_\_\_. 2022d. Site Assessment for California Tiger Salamander (*Ambystoma californiense*) Diablo Canyon Power Plant, San Luis Obispo County, California. Prepared for PG&E and Terra Verde Environmental Consulting, LLC by Storrer Environmental Services. August 15.

- \_\_\_\_\_. 2022e. Addendum to the California Red-legged Frog (*Rana draytonii*) Survey Report, Diablo Canyon Power Plant Decommissioning Project, San Luis Obispo County, California. Prepared for PG&E by Terra Verde Environmental Consulting, LLC. July 13.
- \_\_\_\_\_. 2023. Permit Vesting Buildings Vegetation Community Impacts. Email and attachments from Kris Vardas of PG&E to Susan Strachan, Cindy Chambers, and Carrie Sisto of the County of San Luis Obispo. May 3.
- San Luis Obispo (County of San Luis Obispo). 2013. 2012 Annual Construction Monitoring Report for the Los Osos Wastewater Project, San Luis Obispo, California. Prepared by SWCA Environmental Consultants. 46 pp.
- \_\_\_\_\_. 2014. 2013 Annual Construction Monitoring Report for the Los Osos Wastewater Project, San Luis Obispo, California. Prepared by SWCA Environmental Consultants. 32 pp. Accessed May 9, 2022.
- \_\_\_\_\_. 2020. San Luis Obispo County Public Works, Recording Rain Station Monthly Precipitation Report. Station Name: Davis Peak #738. p. 1.
- Sawyer, J.O., T. Keeler-Wolf, and J.M. Evens. 2009. A Manual of California Vegetation, Second Edition. Online Version. Accessed June 2022. <https://vegetation.cnps.org/>.
- Sharifi, M.R., A.C. Gibson and P.W. Rundel. 1997. Surface Dust Impacts on Gas Exchange in Mojave Desert Shrubs. *Journal of Applied Ecology* 34(4): 837-846.
- SLO Watershed Project. 2021. SLO Watershed Project, Watershed Maps and Data for San Luis Obispo County. Accessed September 2022. <http://slowatershedproject.org/>.
- Soule, M.E., Bolger, D.T., Alberts, A.C., Wright, J., Sorice, M. and S. Hill. 1988. Reconstructed dynamics of rapid extinctions of chaparral-requiring birds in urban habitat islands. *Conservation Biology* 2: 75-92.
- Spencer, W.D., P. Beier, K. Penrod, K. Winters, C. Paulman, H. Rustigian-Romsos, J. Strittholt, M. Parisi, and A. Pettler. 2010. California Essential Habitat Connectivity Project: A Strategy for Conserving a Connected California. Prepared for California Department of Transportation, California Department of Fish and Game, and Federal Highways Administration.
- Terra Verde (Terra Verde Environmental Consulting, LLC). 2022. Email from Sarah Snyder of Terra Verde to Christopher Notto of Aspen Environmental Group. August 22. Attachment included GIS data in zip file: DCPP\_Veg\_Comm\_Adj2022.
- Trombulak, S.C., and C.A. Frissell. 2000. Review of ecological effects of roads on terrestrial and aquatic communities. *Conservation Biology* 14: 18-30.
- USDA (US Department of Agriculture). 2022. National Invasive Species Information Center. Accessed September 29, 2022. <https://www.invasivespeciesinfo.gov/what-are-invasive-species>.
- USEPA (US Environmental Protection Agency). 2022. Septic System Impacts on Water Sources. Accessed May 11, 2022. <https://www.epa.gov/septic/septic-system-impacts-water-sources#:~:text=This%20can%20cause%20fish%20and,contamination%20from%20failing%20septic%20systems>.
- USFWS (US Fish and Wildlife Service). 2003. Protocol Survey Guidelines for the Morro shoulderband snail (*Helminthoglypta walkeriana*). June 2003. Accessed May 19, 2022. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Environmental-Forms-and-Documents/Information-Resources-for-Environmental-Consulta/Biological/Morro-Shoulderband-Snail-Survey-Guidelines.pdf>.

- \_\_\_\_\_. 2022. Information for Planning and Conservation Program (iPaC). Accessed January 11-13, 2022. <https://ecos.fws.gov/ipac>.
- USGS (US Geological Survey). 2022. NAS – Nonindigenous Aquatic Species Database. Access September 29, 2022. <https://nas.er.usgs.gov/queries/CollectionInfo.aspx?SpeciesID=1008&State=CA>.
- Williams, A. P., R. Seager, J.T. Abatzoglou, B.I. Cook, J.E. Smerdon, E.R. Cook. 2015. Contribution of anthropogenic warming to California drought during 2012-2014. *Geophysical Research Letters* 42(16): 6819-6828. Accessed September 29, 2022. <https://agupubs.onlinelibrary.wiley.com/doi/10.1002/2015GL064924>.
- WNSRT (White-Nose Syndrome Response Team). 2021. White-Nose Syndrome. Accessed August 2022. <https://www.whitenosesyndrome.org/>.
- Xerxes (The Xerxes Society for Invertebrate Conservation). 2022. Western Monarch Count. Data Sheets, Survey Protocols. Habitat Assessment Instructions. Accessed September 2022. [https://www.westernmonarchcount.org/wp-content/uploads/2019/11/WMTC-Habitat-Assessment-Instructions\\_updated2019.pdf](https://www.westernmonarchcount.org/wp-content/uploads/2019/11/WMTC-Habitat-Assessment-Instructions_updated2019.pdf).
- Zhang, L., R.H. Beede, G. Banuelos, C.M. Wallis, and L. Ferguson. 2019. Dust interferes with pollen-stigma interaction and fruit set in pistachio (*Pistacia vera*). *Horticultural Science* 54(11): 1967-1971.

#### 4.4 Biological Resources – Marine

- Aspen (Aspen Environmental Group). 2005. Final Environmental Impact Report: Diablo Canyon Power Plant Steam Generator Replacement Project. Prepared for: California Public Utilities Commission. SCH #2004101001: pp. D.3-4 – 17.
- Bolin, R.L. and D.P. Abbott. 1963. Studies on the marine climate and phytoplankton of the central coast of California, 1954-1960. California Cooperative Fisheries Investigation (CalCOFI) Report 9:23-45.
- CDFW (California Department of Fish and Wildlife). 2018. California Central Coast MPAs.
- Dohl, T. D., M. L. Bonnell, R. C. Guess, and K. T. Briggs. 1983. Marine mammals and seabirds of central and northern California, 1980-1983: synthesis of findings. Prepared for the U.S. the Department of the Interior, Minerals Management Service, Pacific OCS Region, Los Angeles, California. p. 248.
- Foster, M.S. and D.R. Schiel. 1985. The Ecology of Giant Kelp Forests in California: A Community Profile. U.S. Fish and Wildlife Service Biological Report 85 (7.2) p. 152.
- Loeb, V.J., P.E. Smith, and H.G. Moser. 1983. Ichthyoplankton and zooplankton abundance patterns in the California current area, 1975. California Cooperative Fisheries Investigation (CalCOFI) Report 24:109-131.
- McGowan, J.A. and C.B. Miller. 1980. Larval fish and zooplankton community structure. CalCOFI Report 21:29-36.
- NMFS (National Marine Fisheries Service NOAA Fisheries). 2018a. Recovery Plan for the Southern Distinct Population Segment of North American Green Sturgeon (*Acipenser medirostris*). National Marine Fisheries Service, Sacramento, CA.
- \_\_\_\_\_. 2018b. 2018 Revisions to: Technical Guidance for Assessing the Effects of Anthropogenic Sound on Marine Mammal Hearing (Version 2.0): Underwater Thresholds for Onset of Permanent and Temporary Threshold Shifts. U.S. Dept. of Commerce, NOAA. NOAA Technical Memorandum NMFS-OPR-59, 167 p.
- \_\_\_\_\_. 2021. Caulerpa Control Protocol (Version 5 – October 20, 2021).

- NOAA (National Oceanic and Atmospheric Administration). 2011. Endangered and Threatened Wildlife and Plants: Final Rulemaking To Designate Critical Habitat for Black Abalone. Federal Register Vol. 76, No. 208. p. 66843.
- \_\_\_\_\_. 2012. Final Rule to Revise the Critical Habitat Designation for Leatherback Sea Turtles.
- \_\_\_\_\_. 2014. California Eelgrass Mitigation Policy and Implementing Guidelines. October. Accessed February 15, 2023. [https://media.fisheries.noaa.gov/dam-migration/cemp\\_oct\\_2014\\_final.pdf](https://media.fisheries.noaa.gov/dam-migration/cemp_oct_2014_final.pdf)
- PFMC (Pacific Fishery Management Council). 2018. Fishery Management Plan for U.S. West Coast Fisheries for Highly Migratory Species as Amended through Amendment 5. April.
- \_\_\_\_\_. 2019. Coastal Pelagic Species Fishery Management Plan as Amended through Amendment 17. June.
- \_\_\_\_\_. 2020. Pacific Coast Groundfish Fishery Management Plan for the California, Oregon, and Washington Groundfish Fishery. August.
- \_\_\_\_\_. 2021. Pacific Coast Salmon Fishery Management Plan for Commercial and Recreational Salmon Fisheries off the Coasts of Washington, Oregon, and California as Revised through Amendment 21. September.
- PG&E (Pacific Gas and Electric Company). 2016. Pacific Gas and Electric Company Diablo Canyon Power Plant Cooling Water Entrainment Study: July 2008 – June 2009. Prepared by Tenera Environmental. p. ES-2.
- \_\_\_\_\_. 2020a. Diablo Canyon Decommissioning Marine Habitat Restoration and Monitoring Plan. Prepared by Tenera Environmental Inc. and ERM. Contract Number 3501226918. Provided as Appendix J to the June 30, 2021 Permit Application Package to the County of San Luis Obispo.
- \_\_\_\_\_. 2020b. Diablo Canyon Decommissioning Marine Wildlife Contingency Plan. Prepared by Power Engineering Construction and ERM. Contract Number: 3501226918. Revision 0. September 13. Provided as Appendix J to the June 30, 2021 Permit Application Package to the County of San Luis Obispo.
- \_\_\_\_\_. 2021a. Diablo Canyon Decommissioning Marine Biological Resources Assessment. Prepared for PG&E by Tenera Environmental Inc. and ERM. Contract Number 3501226918. Revision 2. June 30. Provided as Appendix J to the June 30, 2021 Permit Application Package to the County of San Luis Obispo.
- \_\_\_\_\_. 2021b. PG&E Letter DCL-21-079 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Responses to August 25, 2021 Request for Additional Information, Data Requests Set #1. October 26.
- \_\_\_\_\_. 2021c. County of San Luis Obispo Development Plan / Coastal Development Permit and Conditional Use Permit Application Package for the Diablo Canyon Power Plant Decommissioning Project (Amended Submittal). June 30. File: Project Description, Environmental & Alternatives Analyses (Revised).
- \_\_\_\_\_. 2021d. Diablo Canyon Decommissioning Project Intake Structure Closure and Barge Loading Plan – 10% Design. Prepared for PG&E by ERM. Contract Number: 3501226918. Rev. 0. June 25. Provided as Appendix T to the June 30, 2021 Permit Application Package to the County of San Luis Obispo.

- \_\_\_\_\_. 2021e. Diablo Canyon Decommissioning DCPD Discharge Dilution Study. Prepared for PG&E by ERM. Contract Number: 3501252025. Revision 0. June 14. Provided as Appendix S to the June 30, 2021 Permit Application Package to the County of San Luis Obispo.
  - \_\_\_\_\_. 2022a. Diablo Canyon Decommissioning Underwater Noise Impact Assessment – Construction Noise. Prepared by ERM. Contract Number 3501226918. Rev. 2. 5/23/22 – minor revision 7/14/22 (revision number not updated).
  - \_\_\_\_\_. 2022b. Preliminary Discharge Structure Demolition Plan – 30% Design Level. Prepared for PG&E by ERM and Argonautics Marine Engineering, Inc. Revision 3. April 5. Appendix 4 – Discharge Demolition Anchoring Plan.
  - \_\_\_\_\_. 2022c. Diablo Canyon Decommissioning Turbidity Monitoring Plan. Prepared for PG&E by Ramboll and ERM. Contract Number 3501282933. Revision 1. May 9. Provided as Appendix 5 to the Discharge Structure 30% Design Plans.
  - \_\_\_\_\_. 2022d. Preliminary Discharge Structure Demolition Plan – 30% Design Level. Prepared for PG&E by ERM. Revision 0. July 7.
  - \_\_\_\_\_. 2022e. Preliminary Discharge Structure Demolition Plan – 30% Design Level. Prepared for PG&E by ERM. Revision 0. July 7. Appendix 8 – Oil Spill Response Plan.
  - \_\_\_\_\_. 2022f. Transportation Impacts Analysis – Offshore. Prepared for PG&E by ERM. Rev 3. November 15. p. 35.
- Ricketts, E.F., J. Calvin, and J.W. Hedgepeths. 1985. *Between Pacific Tides*. Fifth edition. Stanford University Press, Stanford, CA.
- Schiel, D.R. and Foster, M.S. 2015. *The Biology and Ecology of Giant Kelp Forests*. University of California Press, Oakland California, USA. p. 395.
- SWRCB (State Water Resources Control Board). 2019. *California Ocean Plan - Water Quality Control Plan for Ocean Water of California*.
- US Navy (US Department of the Navy), Naval Facilities Engineering Command Southwest and Port of San Diego. 2013. *San Diego Bay Integrated Natural Resources Management Plan, Final September 2013*. San Diego, California. Prepared by Tierra Data Inc., Escondido, California. p. 2-48.
- USFWS (US Fish and Wildlife Service). 2013. *Designation of Critical Habitat for Tidewater Goby, Final Rule*. U. S. Federal Register Vol. 78 No. 25:8746–8819.

#### **4.5 Cultural Resources – Archaeology and Built Environment**

- NEI (Nuclear Energy Institute). 2012. *Diverse and Flexible Coping Strategies (FLEX) Implementation Guide*. Accessed July 3, 2023. <https://www.nrc.gov/docs/ML1222/ML12221A205.pdf>.
- Page & Turnbull. 2022. *Diablo Canyon Power Plant Decommissioning Project Historic Built Environment Evaluation Report*. Prepared for Aspen Environmental Group). Provided as Appendix F to this EIR.
- PG&E (Pacific Gas & Electric Company). 2020. *Diablo Canyon Decommissioning Cultural Resource Inventory and Study Plan*. Prepared for PG&E by Applied Earthworks (Enright, E., J. Kidwell, R. Hanes, D. Douglas, and D. McDougal). Provided as Appendix L of the March 2021 Permit Application Package to the County of San Luis Obispo.
- \_\_\_\_\_. 2021. *Cultural Resource Constraints Analysis for the Santa Maria Railyards, Santa Maria, Santa Barbara County, California*. Prepared for PG&E by SWCA (Laurie, Leroy). Provided as Appendix X of the June 2021 Permit Application Package to the County of San Luis Obispo.

- Pismo Beach (City of Pismo Beach). 2014. City of Pismo Beach General Plan and Local Coastal Program. Certified by Coastal Commission May 1993, with multiple amendments through September 27, 2013. Accessed September 21, 2022. <https://www.pismoeach.org/DocumentCenter/View/247/01-General-Plan-?bidId=>.
- San Luis Obispo (County of San Luis Obispo). 2007. Local Coastal Program Policy Document A Portion of the San Luis Obispo County Land Use Element of The General Plan. Revised April 2007. Accessed December 6, 2021. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Coastal-Plan-Policy.pdf>
- \_\_\_\_\_. 2010. County of San Luis Obispo General Plan Conservation and Open Space Element. Accessed December 6, 2021. [https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Conservation-and-Open-Space-Element-\(1\)/Conservation-and-Open-Space-Element.pdf](https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Conservation-and-Open-Space-Element-(1)/Conservation-and-Open-Space-Element.pdf)
- \_\_\_\_\_. 2014. A Codification of the General Ordinances of San Luis Obispo County, California. Accessed February 8, 2023. [https://library.municode.com/ca/san\\_luis\\_obispo\\_county/codes/county\\_code?nodeId=SALUOBCOCACOCO](https://library.municode.com/ca/san_luis_obispo_county/codes/county_code?nodeId=SALUOBCOCACOCO)
- Santa Barbara (County of Santa Barbara). 2016. Santa Barbara County Comprehensive Plan. Land Use Element. Adopted 1980. Amended December 2016. Accessed September 22, 2022. <https://cosantabarbara.app.box.com/s/zdbhjm5zclzn70fv6z9zdiysbnei1x3>

#### 4.6 Cultural Resources – Tribal Cultural Resources

- OPR (State of California Governor’s Office of Planning and Research). 2017. Technical Advisory- AB 52 and Tribal Cultural Resources in CEQA. Accessed February 2023. [https://opr.ca.gov/ceqa/docs/20200224-AB\\_52\\_Technical\\_Advisory\\_Feb\\_2020.pdf](https://opr.ca.gov/ceqa/docs/20200224-AB_52_Technical_Advisory_Feb_2020.pdf)
- PG&E (Pacific Gas & Electric Company). 2020. Diablo Canyon Decommissioning Cultural Resource Inventory and Study Plan. Prepared for PG&E by Applied Earthworks (Enright, E., J. Kidwell, R. Hanes, D. Douglas, and D. McDougal). Provided as Appendix L of the March 2021 Permit Application Package to the County of San Luis Obispo.
- \_\_\_\_\_. 2021. Cultural Resource Constraints Analysis for the Santa Maria Railyards, Santa Maria, Santa Barbara County, California. Prepared for PG&E by SWCA (Laurie, Leroy). Provided as Appendix X of the June 2021 Permit Application Package to the County of San Luis Obispo.
- San Luis Obispo (County of San Luis Obispo). 2010. County of San Luis Obispo General Plan Conservation and Open Space Element. Accessed December 6, 2021. [https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Conservation-and-Open-Space-Element-\(1\)/Conservation-and-Open-Space-Element.pdf](https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Conservation-and-Open-Space-Element-(1)/Conservation-and-Open-Space-Element.pdf)
- \_\_\_\_\_. 2014. A Codification of the General Ordinances of San Luis Obispo County, California. Accessed February 8, 2023. [https://library.municode.com/ca/san\\_luis\\_obispo\\_county/codes/county\\_code?nodeId=SALUOBCOCACOCO](https://library.municode.com/ca/san_luis_obispo_county/codes/county_code?nodeId=SALUOBCOCACOCO)
- \_\_\_\_\_. 2023. Assembly Bill 52 (AB 52) [Tribal] Consultation Diablo Canyon Nuclear Power Plant Decommissioning Tracking. March 15.

#### 4.7 Energy

- CEC (California Energy Commission). 2021a. 2020 Power Content Label for PG&E. Accessed June 30, 2022. <https://www.energy.ca.gov/programs-and-topics/programs/power-source-disclosure/power-content-label/annual-power-content-1>.

- \_\_\_\_\_. 2021b. Electricity by Utility PG&E. Accessed December 13, 2021. <http://www.ecdms.energy.ca.gov/elecbyutil.aspx>
- \_\_\_\_\_. 2022. Refinery Inputs and Production, weekly production of CARB Diesel. Weekly Fuels Watch Inputs and Production Dashboard. Accessed March 18, 2022. <https://www.energy.ca.gov/data-reports/reports/weekly-fuels-watch/refinery-inputs-and-production>.
- CAISO (California Independent System Operator). 2023. Peak Day Load History 1998 through 2019. Accessed January 24, 2023. <https://www.caiso.com/Documents/CaliforniaISOPeakLoadHistory.pdf>.
- CPUC (California Public Utilities Commission). 2008. Energy Action Plan Update. Accessed January 26, 2022. <https://www.cpuc.ca.gov/industries-and-topics/natural-gas/energy-action-plans>.
- \_\_\_\_\_. 2021. Decision Requiring Procurement to Address Mid-Term Reliability (2023-2026). D.21-06-035 in Proceeding R. 20-05-003. June 24, 2021. Accessed March 8, 2022. <https://docs.cpuc.ca.gov/SearchRes.aspx?DocFormat=ALL&DocID=389603637>
- \_\_\_\_\_. 2022. Decision Adopting 2021 Preferred System Plan. D.22 02-004 in Proceeding R. 20 05-003. February 10, 2022.
- PG&E (Pacific Gas and Electric Company). 2020. Integrated Resource Plan. Prepared for the California Public Utilities Commission. September 1. Accessed December 2021. [https://www.pge.com/en\\_US/for-our-business-partners/energy-supply/integrated-resource-plan/integrated-resource-plan.page](https://www.pge.com/en_US/for-our-business-partners/energy-supply/integrated-resource-plan/integrated-resource-plan.page)
- \_\_\_\_\_. 2021. County of San Luis Obispo Development Plan / Coastal Development Permit and Conditional Use Permit Application Package for the Diablo Canyon Power Plant Decommissioning Project (Amended Submittal). June 30. File: Project Description, Environmental & Alternatives Analyses (Revised) – Public Services and Utilities discussion.
- San Luis Obispo (County of San Luis Obispo). 2011. EnergyWise Plan, Designing Energy and Climate Solutions for the Future. Accessed December 13, 2021. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Energy-and-Climate-Reports/EnergyWise-Plan.aspx>
- \_\_\_\_\_. 2016. EnergyWise Plan, 2016 Update. Accessed December 13, 2021. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Energy-and-Climate-Reports/EnergyWise-Plan-2016-Update.aspx>

#### **4.8 Geology, Soils, and Coastal Processes (includes Paleo)**

- ASCE (The American Society of Civil Engineers). 2022. ASCE Tsunami Design Geodatabase Version 2022-1.0 – ASCE Tsunami Hazard Tool. Accessed February 27, 2023. <https://asce7tsunami.online/>.
- Applied EarthWorks, Inc. 2016. Paleontological Inventory and Evaluation for the Pacific Gas and Electric Company Diablo Canyon North Access Road Improvements, San Luis Obispo County, California. March. pp. 12-17.
- California Sea Grant. 2021. The Ocean Environment. Accessed November 17, 2021. <https://caseagrant.ucsd.edu/project/discover-california-commercial-fisheries/the-ocean-environment>.
- CCC (California Coastal Commission). 2004. Revised Findings Coastal Development Permit A 3 SLO-04-035, Geologic Hazards Findings. December 16. Accessed July 22, 2022. <https://documents.coastal.ca.gov/reports/2005/1/W5a-1-2005.pdf>.



- \_\_\_\_\_. 2018. Sea Level Rise Policy Guidance: Interpretive Guidelines for Addressing Sea Level Rise in Local Coastal Programs and Coastal Development Permits. November 7. pp. 43-50, 299. Accessed July 27, 2022. [https://documents.coastal.ca.gov/assets/slr/guidance/2018/0\\_Full\\_2018AdoptedSLR\\_GuidanceUpdate.pdf](https://documents.coastal.ca.gov/assets/slr/guidance/2018/0_Full_2018AdoptedSLR_GuidanceUpdate.pdf).
- CCSMW (California Coastal Sediment Management Workgroup). 2016. San Luis Obispo County Coastal Regional Sediment Management Plan. May. pp. 15, 17.
- CDWR (California Department of Water Resources). 2022. Water Data Library (WDL) Station Map. Accessed June 6, 2022. <https://wdl.water.ca.gov/Map.aspx>.
- CGS (California Geological Survey). 2008. Guidelines for Evaluating and Mitigating Seismic Hazards in California, CGS Special Publication 117A. Accessed March 8, 2023. [https://www.conservation.ca.gov/cgs/Documents/Publications/Special-Publications/SP\\_117a.pdf](https://www.conservation.ca.gov/cgs/Documents/Publications/Special-Publications/SP_117a.pdf)
- \_\_\_\_\_. 2018. Earthquake Fault Zones: A Guide for Government Agencies, Property Owners / Developers, and Geoscience Practitioners for Assessing Fault Rupture Hazards in California. CGS Special Publication #42. pp. 27-28. [https://www.conservation.ca.gov/cgs/documents/publications/special-publications/SP\\_042.pdf](https://www.conservation.ca.gov/cgs/documents/publications/special-publications/SP_042.pdf)
- \_\_\_\_\_. 2022. Ground Motion Interpolator (2008). Accessed January 13, 2022. <https://www.conservation.ca.gov/cgs/ground-motion-interpolator>
- County of San Luis Obispo Department of Planning and Building. 2020. Onsite Wastewater Treatment Systems Local Agency Management Program. May. Accessed May 8, 2023. [https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Septic-System-\(Onsite-Wastewater-Treatment-Systems/County-of-San-Luis-Obispo-LAMP-2020.pdf](https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Septic-System-(Onsite-Wastewater-Treatment-Systems/County-of-San-Luis-Obispo-LAMP-2020.pdf).
- Dibblee, T. W., Jr., and Minch, J.A. 2006a. Geologic Map of the Port San Luis quadrangle, San Luis Obispo County, California. Dibblee Geological Foundation, Dibblee Geology Center Map #DF-213, scale 1:24,000.
- \_\_\_\_\_. 2006b. Geologic Map of the Pismo Beach quadrangle, San Luis Obispo County, California. Dibblee Geological Foundation, Dibblee Geology Center Map #DF-212, scale 1:24,000.
- Dibblee, T. W., Jr., Ehrenspeck, H. E., and Minch, J.A. 2009. Geologic Map of the Point Sal & Guadalupe quadrangles, Santa Barbara County, California. Dibblee Geological Foundation, Dibblee Geology Center Map #DF-25, scale 1:24,000.
- International Commission on Stratigraphy. 2022. International Chronostratigraphic Chart. Accessed June 10, 2022. <https://stratigraphy.org/ICSchart/ChronostratChart2022-02.pdf>.
- National Centers for Environmental Information. 2021. El Nino/Southern Oscillation (ENSO) Technical Discussion. Accessed November 10, 2021. <https://www.ncdc.noaa.gov/teleconnections/enso/technical-discussion>.
- NOAA (National Oceanic and Atmospheric Administration). 2000. Tide and Current Glossary. Center for Operational Oceanographic Products and Services. January 2000. pp. 3, 6, 24. Accessed July 27, 2022. <https://tidesandcurrents.noaa.gov/publications/glossary2.pdf#:~:text=Tide%20and%20Current%20Glossary%20A%20abs%20olute%20mean,at%20the%20center%20of%20mass%20of%20the%20Earth>.
- \_\_\_\_\_. 2003. Tides and Currents. 9412110, Port San Luis, CA. Accessed November 5, 2021. <https://tidesandcurrents.noaa.gov/datums.html?id=9412110>.

- \_\_\_\_\_. 2021. National Ocean Service. Education, Tides and Water Levels. Accessed December 23, 2021. [https://oceanservice.noaa.gov/education/tutorial\\_tides/media/supp\\_tide07a.html](https://oceanservice.noaa.gov/education/tutorial_tides/media/supp_tide07a.html).
- \_\_\_\_\_. 2022. Tides and Currents. 9412110, Port San Luis, CA. Accessed February 9, 2022. <https://tidesandcurrents.noaa.gov/waterlevels.html?id=9412110>.
- Norris, R. M., and R. W. Webb. 1976. *Geology of California*. Wiley, New York.
- NRCS (United States Department of Agriculture, National Resource Conservation Service). 2022. Web Soil Survey. Accessed June 6, 2022. <https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>.
- OPC (California Ocean Protection Council). 2018. State of California Sea-Level Rise Guidance: 2018 Update. Accessed July 27, 2022. [http://www.opc.ca.gov/webmaster/ftp/pdf/agenda\\_items/20180314/Item3\\_Exhibit-A\\_OPC\\_SLR\\_Guidance-rd3.pdf](http://www.opc.ca.gov/webmaster/ftp/pdf/agenda_items/20180314/Item3_Exhibit-A_OPC_SLR_Guidance-rd3.pdf).
- Patsch, K., and G. Griggs. 2007. Development of Sand Budgets for California's Major Littoral Cells. Institute of Marine Sciences, University of California, Santa Cruz, California Department of Boating and Waterways, California Coastal Sediment Management Workgroup. p. 16. Accessed July 27, 2022. <https://calisphere.org/item/ark:/86086/n21j98qx/>.
- PG&E (Pacific Gas and Electric Company). 1997. Assessment of Slope Stability Near the Diablo Canyon Power Plant. April. pp. 10-85.
- \_\_\_\_\_. 2002. Diablo Canyon ISFSI Safety Analysis Report. Section 2.6 Geology and Seismicity. pp. 2.6-1 – 2.6-61.
- \_\_\_\_\_. 2011. Report on the Analysis of the Shoreline Fault Zone, Central Coast California. Report to the U.S. Nuclear Regulatory Commission. January. pp. 4-1 – 4-25.
- \_\_\_\_\_. 2014. Geologic Mapping and Data Compilation for the Interpretation of Onshore Seismic Reflection Data. Report No. GEO.DCPP.TR.14.01. pp. 13-18, Plates 1 and 2.
- \_\_\_\_\_. 2015. Diablo Canyon Power Plant Units 1 and 2 Flood Hazard Reevaluation Report. March. pp. 3-12. Enclosure 1 to PG&E Letter DCL-15-034 to the US Nuclear Regulatory Commission. Accessed July 27, 2022. [https://www.pge.com/includes/docs/pdfs/safety/systemworks/dcpp/FloodingHazard\\_Re-evaluationReport.pdf](https://www.pge.com/includes/docs/pdfs/safety/systemworks/dcpp/FloodingHazard_Re-evaluationReport.pdf).
- \_\_\_\_\_. 2021. Diablo Canyon Decommissioning, Water Resources Evaluation and Future Source Water Supply. Prepared by ERM. May. pp. 8-9, 20-24. Provided as Appendix R to the March 2021 Permit Application Package to the County of San Luis Obispo.
- \_\_\_\_\_. 2022a. Diablo Canyon Power Plant, Greater than Class C Waste Storage Facility, Phase 3 Geotechnical Site Investigation Data Report. Prepared for PG&E by Infraterra, Inc. Report Number 3501235265-02. Revision 0. June. p. 15-16.
- \_\_\_\_\_. 2022b. Diablo Canyon Decommissioning Turbidity Monitoring Plan. Prepared for PG&E by Ramboll and ERM. Contract Number 3501282933. Revision 1. May. p. 12. Included as Appendix 4 to the Discharge Structure 30% Design Plans.
- \_\_\_\_\_. 2023a. Email from Kris Vardas of PG&E to Cindy A. Chambers, County of San Luis Obispo Department of Planning and Building, Subject: [EXT]FW: Questions/Clarifications on EIR PD – ERM Responses. January 11.
- \_\_\_\_\_. 2023b. Preliminary Engineering Geology Report for the Decommissioning of Diablo Canyon Power Plant: Response to County of San Luis Obispo Request April 5, 2022. Pacific Gas and Electric Co. Geosciences Department, Report No. GEO.22.95, Revision 0. March 22. Parts I and II, pp. 1-410.

- Pismo Beach. 2014. City of Pismo Beach General Plan and Local Coastal Program. April. Accessed June 8, 2022. <https://pismo beach.org/DocumentCenter/View/247/01General-Plan-?bidId=>.
- San Luis Obispo. 1999. San Luis Obispo County General Plan, Safety Element. December. Accessed June 8, 2022. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Safety-Element.pdf>.
- \_\_\_\_\_. 2004. Title 23, Coastal Zone Land Use, Chapter 23.04, Site Design Standards, Section 23.04.118 – Blufftop Setbacks [Amended 2004, Ord. 2999]. Accessed September 7, 2022. [https://library.municode.com/ca/san\\_luis\\_obispo\\_county/codes/county\\_code?nodeId=TIT23COZOLAUS\\_CH23.04SIDEDEST\\_23.04.118BLSE](https://library.municode.com/ca/san_luis_obispo_county/codes/county_code?nodeId=TIT23COZOLAUS_CH23.04SIDEDEST_23.04.118BLSE)
- \_\_\_\_\_. 2007. Local Coastal Program Policy Document, A Portion of the San Luis Obispo County Land Use Element of the General Plan. Coastal Plan Policies. Revised April. p. 4-8. Accessed July 27, 2022. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Coastal-Plan-Policy.pdf>.
- \_\_\_\_\_. 2010. San Luis Obispo County General Plan, Conservation and Open Space Element. May. Accessed June 8, 2022. [https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Conservation-and-Open-Space-Element-\(1\)/Conservation-and-Open-Space-Element.pdf](https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Conservation-and-Open-Space-Element-(1)/Conservation-and-Open-Space-Element.pdf).
- \_\_\_\_\_. 2013. San Luis Obispo County General Plan, Safety Element. Map 3, Liquefaction Hazards San Luis Obispo County. September. Accessed June 8, 2022. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Safety-Element-Maps/3-Liquefaction-Hazards-Map.pdf>.
- \_\_\_\_\_. 2016. Tsunami Emergency Response Plan. San Luis Obispo County Office of Emergency Services. Revised April 2016. p. 10. Accessed July 27, 2022. <https://www.slocounty.ca.gov/Departments/Administrative-Office/Emergency-Management/Forms-Documents/General-Emergency-Plans/Tsunami-Response-Plan.pdf>.
- \_\_\_\_\_. 2018. Coastal Zone, Framework for Planning, San Luis Obispo County General Plan, Local Coastal Program. September. Accessed June 8, 2022. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Framework-for-Planning-Coastal-Zone.pdf>.
- Santa Barbara. 2015. Santa Barbara County Comprehensive Plan, Seismic Safety and Safety Element. February. Accessed June 8, 2022. <https://cosantabarbara.app.box.com/s/85hcgkw8xelm0n60ctyu62a7if1lhxfi>.
- \_\_\_\_\_. 2019. Coastal Land Use Plan. Republished June 2019. pp. 14-17. Accessed July 27, 2022. <https://cosantabarbara.app.box.com/s/cx95k0r4hnfo58hg291fi5gzf5rrdurd>.
- SCEDC (Southern California Earthquake Data Center). 2022. Earthquake Information. Accessed June 6, 2022. <https://scedc.caltech.edu/earthquake/lompoc1927.html>.
- Stantec. 2022. ISFSI Technical Memorandum from Stantec to PG&E. July 14. Memo pp. 2-3, Table 1
- State of California. 2021. Tsunami Hazard Area Map, San Luis Obispo County. Produced by the California Geological Survey and the California Governor's Office of Emergency Services. July 8. Displayed at multiple scales. Interactive map also available on-line: <https://www.conservation.ca.gov/cgs/tsunami/maps/san-luis-obispo>

- SVP (Society for Vertebrate Paleontology). 2010. Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources. Accessed June 8, 2022. [https://vertpaleo.org/wp-content/uploads/2021/01/SVP\\_Impact\\_Mitigation\\_Guidelines-1.pdf](https://vertpaleo.org/wp-content/uploads/2021/01/SVP_Impact_Mitigation_Guidelines-1.pdf).
- SWCA (SWCA Environmental Consultants). 2021. Final Paleontological Resources Mitigation Report for the Pecho Valley Road Upgrade project, Diablo Canyon Power Plant, San Luis Obispo County, California. April. pp. 14.
- USACE (US Army Corps of Engineers). 1984. Shore Protection Manual, Coastal Engineering Research Center, Vicksburg, MS, Vol. I and II.
- \_\_\_\_\_. 2008. Coastal Engineering Manual. (Change 2). <https://www.publications.usace.army.mil/USACE-Publications/Engineer-Manuals/u43544q/636F617374616C20656E67696E656572696E67/>
- US Atomic Energy Commission. 1972. Draft Environmental Statement Related to the Nuclear Generating Station. Accessed November 16, 2021. pp. 2-29.
- USGS (United States Geological Survey). 2022a. Earthquake Hazards Program, 2008 National Seismic Hazard Maps - Fault Parameters website. Accessed June 6, 2022. [https://earthquake.usgs.gov/cfusion/hazfaults\\_2008\\_search/query\\_main.cfm?CFID=2271802&CFTOKEN=5f742880709c3fb6-24A904AE-9A03-B1F8-4DB3A6EFB56497E1](https://earthquake.usgs.gov/cfusion/hazfaults_2008_search/query_main.cfm?CFID=2271802&CFTOKEN=5f742880709c3fb6-24A904AE-9A03-B1F8-4DB3A6EFB56497E1).
- \_\_\_\_\_. 2022b. Earthquake Hazards Program, Earthquake Catalog website. Accessed June 6, 2022. <https://earthquake.usgs.gov/earthquakes/search/>.
- \_\_\_\_\_. 2022c. Areas of Land Subsidence in California. Accessed June 6, 2022. [https://ca.water.usgs.gov/land\\_subsidence/california-subsidence-areas.html](https://ca.water.usgs.gov/land_subsidence/california-subsidence-areas.html).
- USGS and CGS (United States Geological Survey and California Geological Survey). 2006. Quaternary fault and fold database for the United States. Accessed June 6, 2022. <https://www.usgs.gov/programs/earthquake-hazards/faults>.
- WLA (William Lettis & Associates, Inc.). 2004. PG&E Diablo Canyon Power Plant Shoreline Retreat Study, Diablo and Patton Coves. Prepared for Pacific Gas & Electric Company. June 8. pp. 3-7, 10, 23.
- Woodring, W. P., and Bramlette, M. N., 1950. Geology and Paleontology of the Santa Maria District California, Geological Survey Professional Paper 222. pp. 10-11.
- Youd, T.L. and Perkins, D.M. 1978. Mapping Liquefaction-Induced Ground Failure Potential. Journal of the Geotechnical Engineering Division, ASCE. vol. 104, pp. 433-446.

#### 4.9 Greenhouse Gas Emissions

- CARB (California Air Resources Board). 2017. The 2017 Climate Change Scoping Plan Update. Proposed Strategy for Achieving California's 2030 Greenhouse Gas Target. Accessed January 2022. [https://www.arb.ca.gov/cc/scopingplan/2030sp\\_pp\\_final.pdf](https://www.arb.ca.gov/cc/scopingplan/2030sp_pp_final.pdf).
- \_\_\_\_\_. 2022a. GHG Emissions Inventory from 2000-2020. Accessed January 2023. <https://ww2.arb.ca.gov/ghg-inventory-data>.
- \_\_\_\_\_. 2022b. Appendix D of the 2022 Scoping Plan Update. Accessed January 2023. <https://ww2.arb.ca.gov/sites/default/files/2022-11/2022-sp-appendix-d-local-actions.pdf>.
- IPCC (Intergovernmental Panel on Climate Change). 2014. IPCC Climate Change Synthesis Report. Accessed January 24, 2022. <https://www.ipcc.ch/report/ar5/syr/>.

- NOAA (National Oceanic and Atmospheric Administration). 2022. Ship Strikes and Voluntary Vessel Speed Reduction. Published by: Office of National Marine Sanctuaries. Accessed January 28, 2022. <https://channelislands.noaa.gov/manage/resource/ship-strikes.html>.
- OEHHA (Office of Environmental Health Hazard Assessment). 2018. Indicators of Climate Change in California. Accessed January 2022. <https://oehha.ca.gov/media/downloads/climate-change/report/2018caindicatorsreportmay2018.pdf>.
- PG&E (Pacific Gas and Electric Company). 2021. PG&E Letter DCL-21-072. Subject: DRC2021-00092 – Diablo Canyon Power Plan Decommissioning: Responses to August 9, 2021 Information Hold Letter and September 17, 2021 Comments. October 6, 2021.
- \_\_\_\_\_. 2022. PG&E Emission Calculation Updates Rev 1, Diablo Canyon Power Plant (DCPP). Technical Memorandum from ERM to PG&E. June 6. Provided in response to Data Request Set #5.
- Pismo Beach (City of Pismo Beach). 2014. City of Pismo Beach Climate Action Plan. Accessed January 2022. <http://www.pismobeach.org/DocumentCenter/View/43549/Climate-Action-Plan-Approved-May-2014?bidId=>.
- San Luis Obispo (County of San Luis Obispo). 2011. EnergyWise Plan. Designing Energy and Climate Solutions for the Future. November. Accessed March 25, 2022. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Energy-and-Climate-Reports/EnergyWise-Plan.pdf>.
- \_\_\_\_\_. 2016. EnergyWise Plan, 2016 Update. Accessed January 24, 2022. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Energy-and-Climate-Reports/EnergyWise-Plan-2016-Update.pdf>.
- Santa Barbara (County of Santa Barbara). 2015. County of Santa Barbara Energy and Climate Action Plan. Accessed January 24, 2022. <https://www.countyofsb.org/csd/asset.c/173>.
- \_\_\_\_\_. 2020. Sustainability Action Plan. Accessed January 24, 2022. <https://www.countyofsb.org/csd/asset.c/174>.
- \_\_\_\_\_. 2021. Environmental Thresholds and Guidelines Manual. Accessed February 2, 2022. <https://cosantabarbara.app.box.com/s/vtxutffe2n52jme97lgm66os7pp3lm5>.
- SBCAPCD (Santa Barbara County Air Pollution Control District). 2015. Environmental Review Guidelines. Accessed February 2, 2022. <https://www.ourair.org/environmental-review-guidelines/>.
- SLOCAPCD (San Luis Obispo County Air Pollution Control District). 2012. CEQA Handbook. Accessed January 21, 2022. <https://www.prcity.com/DocumentCenter/View/14604/CEQA-Air-Quality-Handbook---2012-Volume-1-PDF>.
- \_\_\_\_\_. 2021. Interim CEQA Greenhouse Gas Guidance. January 28, 2021. Accessed January 31, 2023. [https://storage.googleapis.com/slocleanair-org/images/cms/upload/files/CEQA-GHGInterimGuidance\\_Final2.pdf](https://storage.googleapis.com/slocleanair-org/images/cms/upload/files/CEQA-GHGInterimGuidance_Final2.pdf).
- USEPA (United States Environmental Protection Agency). 2015. GWP 40 [CFR] Part 98, Subpart A, Table A-1, effective January 1, 2015. Accessed January 24, 2022. <https://www.govinfo.gov/content/pkg/CFR-2014-title40-vol21/pdf/CFR-2014-title40-vol21-part98-subpartA-appA.pdf>.
- \_\_\_\_\_. 2022. Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990–2020. Accessed August 3, 2022. <https://www.epa.gov/system/files/documents/2022-04/us-ghg-inventory-2022-chapter-executive-summary.pdf>.

#### 4.10 Hazardous and Radiological Materials

- 42 U.S. Code. § 2021 Cooperation with States, as amended. Accessed September 24, 2021. <https://codes.findlaw.com/us/title-42-the-public-health-and-welfare/42-usc-sect-2021.html>.
- 42 U.S.C. 4321-4347, The National Environmental Policy Act (NEPA) of 1969, as amended, January 1, 1970. Accessed September 29. <https://www.energy.gov/nepa/downloads/national-environmental-policy-act-1969>.
- California Office of Governor. 2002. Executive Order No. D-62-02. Accessed September 24, 2021. <https://www.library.ca.gov/government-publications/executive-orders/?SelectedEONumber=D-62-02>.
- CAL-EPA (California Environmental Protection Agency). 2001. Information Advisory Clean Imported Fill Material, Department of Toxic Substances Control. October. pp. 1-4. Accessed September 24, 2021. <https://dtsc.ca.gov/information-advisory-clean-imported-fill-material-fact-sheet/>.
- CAL FIRE/San Luis Obispo County Fire. 2012. Service Level Analysis for CAL FIRE/San Luis Obispo County Fire, Consolidated Fire Protection Strategic Plan. pp. 8, 78, 131.
- DCDEP (Diablo Canyon Decommissioning Engagement Panel). 2022. A Strategic Vision. Accessed September 19, 2022. December 2018 Rev. April 2022. pp. 55-53. <https://diablocanyonpanel.org/>.
- DTSC (Department of Toxic Substances Control). 2022a. EnviroStor. Accessed on February 23, 2022. [https://www.envirostor.dtsc.ca.gov/public/hwmp\\_profile\\_report?global\\_id=CAD077966349&starttab=](https://www.envirostor.dtsc.ca.gov/public/hwmp_profile_report?global_id=CAD077966349&starttab=).
- \_\_\_\_\_. 2022b. Department of Toxic Substances Control. EnviroStor. Accessed on February 23, 2022. [https://www.envirostor.dtsc.ca.gov/public/profile\\_report?global\\_id=80000765](https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=80000765).
- ENTRIX. 2010. Groundwater Gradient Analysis, Diablo Canyon Power Plan, San Luis Obispo, California. ADAMS Accession Number: ML11166A168. March. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML1116/ML11166A168.pdf>.
- EPRI (Electric Power Research Institute). 2007. Decommissioning Lessons Learned Draft Report, ADAMS Accession Number: ML071270349. April. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML0712/ML071270349.pdf>.
- \_\_\_\_\_. 2013. Remediation and Decommissioning Technology Program Overview. Accessed November 22, 2021. <https://www.epri.com/portfolio/programs/061199>.
- Garvey, Todd. 2011. State Authority to Regulate Nuclear Power: Federal Preemption Under the Atomic Energy Act, Congressional Research Service, 7-5700, R41984, September 6, 2011. [www.crs.gov](http://www.crs.gov).
- NEI (Nuclear Energy Institute). 2019. NEI 07-07 Rev 1. Industry Groundwater Protection Initiative, Final Guidance Document, Nuclear Energy Institute, Washington, D.C., August. Accessed September 16, 2022. <https://nrc.gov/docs/ML0726/ML072610036.pdf>.
- NRC (US Nuclear Regulatory Commission). 1979. 10 CFR Part 73 – Physical Protection of Plants and Materials. Nov. 28, as amended. Accessed September 26, 2021. Source: 44 FR 68186. Accessed September 15, 2022. <https://www.nrc.gov/reading-rm/doc-collections/cfr/part073/full-text.html>.
- \_\_\_\_\_. 1981. IE Circular No. 81-07: Control of Radioactively Contaminated Material, Office of Inspection and enforcement, Washington, D.C., May 14. Accessed September 24, 2021. ADAMS Accession Number: 103420362. <https://www.nrc.gov/docs/ML1034/ML103420362.pdf>.

- \_\_\_\_\_. 1984. 10 CFR Part 51 – Environmental Protection Regulations For Domestic Licensing and Related Regulatory Functions. Accessed September 25, 2021. Source: 49 FR 9381. <https://www.nrc.gov/reading-rm/doc-collections/cfr/part051/full-text.html>.
- \_\_\_\_\_. 1985. Information Notice No. 85-92: Surveys of Wastes Before Disposal from Nuclear Reactor Facilities, Washington, DC. December 2. Accessed September 15, 2022. <https://www.nrc.gov/reading-rm/doc-collections/gen-comm/info-notices/1985/in85092.html>.
- \_\_\_\_\_. 1988a. 10 CFR Part 50 – Domestic Licensing of Production and Utilization Facilities, June 13, as amended. Accessed September 25, 2021. Source: 63 FR 1897. <https://www.nrc.gov/reading-rm/doc-collections/cfr/part050/full-text.html>.
- \_\_\_\_\_. 1988b. Information Notice No. 88-22: Disposal of Sludge from Onsite Sewage Treatment Facilities at Nuclear Power Stations, Washington, DC. May 12. Accessed September 15, 2022. <https://www.nrc.gov/reading-rm/doc-collections/gen-comm/info-notices/1988/in88022.html>.
- \_\_\_\_\_. 1991a. 10 CFR Part 20 – Standards for Protection Against Radiation; Subparts A-G excluding Subpart E. May 21. Accessed September 25, 2021. Source: 56 FR 23391, 56 FR 23396, 56 FR 23396, 56 FR 23398, 56 FR 23398, 56 FR 23398. <https://www.nrc.gov/reading-rm/doc-collections/cfr/part020/full-text.html#part020-1001>.
- \_\_\_\_\_. 1991b. NUREG-1301, Offsite Dose Calculation Manual Guidance: Standard Radiological Effluent Controls for Pressurized Water Reactors, Washington, DC. April. p. 66. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML0910/ML091050061.pdf>.
- \_\_\_\_\_. 1996a. NRC Inspection Manual Chapter 2605 Decommissioning Procedures for Fuel Cycle and Materials Licensees. November 12. Accessed October 21, 2021. <https://www.nrc.gov/reading-rm/doc-collections/insp-manual/manual-chapter/mc2605.pdf>.
- \_\_\_\_\_. 1996b. Regulatory Guide 8.29, Revision 1. Instruction Concerning Risks from Occupational Radiation Exposure. NRC Office of Nuclear Regulatory Research. February. ADAMS Accession Number: ML003739438. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML0037/ML003739438.pdf>.
- \_\_\_\_\_. 1997. 10 CFR Part 20 – Standards for Protection Against Radiation; Subpart E - Radiological Criteria for License Termination. July 21. Accessed September 25, 2021. Source: 62 FR 39088. <https://www.nrc.gov/reading-rm/doc-collections/cfr/part020/full-text.html#part020-1001>.
- \_\_\_\_\_. 1998a. “A Nonparametric Statistical Methodology for the Design and Analysis of Final Status Decommissioning Surveys—Interim Draft Report for Comment and Use,” NUREG-1505, Revision 1, Office of Nuclear Material Safety and Safeguards, Washington, DC, June 1998.
- \_\_\_\_\_. 1998b. “Decision Methods for Dose Assessment To Comply with Radiological Criteria for License Termination—Draft Report for Comment,” NUREG-1549, Washington, DC, July 1998.
- \_\_\_\_\_. 1999. Regulatory Guide 8.13, Revision 3. Instruction Concerning Prenatal Radiation Exposure. NRC Office of Nuclear Regulatory Research. June. ADAMS Accession Number: ML003739505. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML0037/ML003739505.pdf>.
- \_\_\_\_\_. 2000. MARSSIM: Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM), Revision 1, (EPA 402-R-97-016 Rev.1 and NUREG-1575 Revision 1), Washington, DC. August. ADAMS Accession Number: ML003761445. pp. Roadmap-6, 1-8, 1-9, 2-4, 2-5, 2-22, 3-9, 4-2, 4-3, 5-8&9. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML0037/ML003761445.pdf>.
- \_\_\_\_\_. 2001. 10 CFR Part 72 – Licensing Requirements for the Independent Storage of Spent Nuclear Fuel, High Level Radioactive Waste, and Reactor-Related Greater Than Class C Waste. October 11, as

- amended. Accessed September 25, 2021. Source: 60 FR 51838. <https://www.nrc.gov/reading-rm/doc-collections/cfr/part072/full-text.html>.
- \_\_\_\_\_. 2002a. Memorandum of Understanding Between the Environmental Protection Agency and the Nuclear Regulatory Commission: Consultation and Finality on Decommissioning and Decontamination of Contaminated Sites. October 9. Federal Register Citation 67 FR 65375. Accessed October 21, 2021. <https://www.nrc.gov/reading-rm/doc-collections/news/2002/mou2fin.pdf>.
- \_\_\_\_\_. 2002b. NUREG-0586, Final Generic Environmental Impact Statement on Decommissioning of Nuclear Facilities. Supplement 1 Regarding the Decommissioning of Nuclear Power Reactors (Volumes 1 and 2). Final Report. Main Report. November. ADAMS Accession Number: ML023470304 (Vol 1) and ML023470323 (Vol 2). pp. 1-6, 2-5, 3-1 – 3-36, 4-31 – 4-49, 4-76 – 4-81, Appendix E, and page G-15. Accessed September 10, 2021. <https://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr0586/>.
- \_\_\_\_\_. 2003. NRC Inspection Manual Chapter 2561 Decommissioning Power Reactor Inspection Program. April 14. Accessed October 21, 2021. <https://www.nrc.gov/reading-rm/doc-collections/insp-manual/manual-chapter/mc2561.pdf>.
- \_\_\_\_\_. 2005. NRC Inspection Manual NMSS/DWMEP Manual Chapter 2602 Decommissioning Oversight and Inspection Program for Fuel Cycle Facilities and Materials Licensees. August 22. Accessed October 21, 2021. <https://www.nrc.gov/reading-rm/doc-collections/insp-manual/manual-chapter/mc2602.pdf>.
- \_\_\_\_\_. 2006. Consolidated Decommissioning Guidance. Decommissioning Process for Materials Licenses. Final Report. NUREG-1757. Vol. 1 Rev. 2. Division of Waste Management and Environmental Protection. Office of Nuclear Material Safety and Safeguards. US Nuclear Regulatory Commission. Washington DC. September.
- \_\_\_\_\_. 2009. “Multi-Agency Radiation Survey and Assessment of Materials and Equipment (MARSAME),” NUREG-1575, Supplement 1; EPA 402-R-09-001; DOE/HS-0004; U.S. Department of Defense; U.S. Department of Energy; U.S. Environmental Protection Agency; and U.S. NRC; Washington, DC, January 2009a. <https://www.nrc.gov/reading-rm/doccollections/nuregs/staff/sr1575/supplement1>.
- \_\_\_\_\_. 2010. “Groundwater Task Force Final Report,” June 2010, NRC ADAMS Accession No. ML101680435.
- \_\_\_\_\_. 2011. Policy Issue (Information) from R.W. Borchardt to the Commissioners dated February 9, 2011, regarding “Senior Management Review of Overall Regulatory Approach to Groundwater Protection,” SECY-11-0019, Washington, D.C. ADAMS Accession Number: ML110050525. February 2011. p. 3. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML1100/ML110050525.pdf>.
- \_\_\_\_\_. 2013a. Regulatory Guide 1.184 – Decommissioning of Nuclear Power Reactors, Revision 1, NRC ADAMS Accession Number: ML13144A840. October. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML1314/ML13144A840.pdf>.
- \_\_\_\_\_. 2013b. Regulatory Guide 1.185, Rev. 1 – Standard Format and Content for Post-Shutdown Decommissioning Activities Report. NRC ADAMS Accession Number: ML13140A038. June. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML1314/ML13140A038.pdf>.
- \_\_\_\_\_. 2014. NUREG-2157, Generic Environmental Impact Statement for Continued Storage of Spent Nuclear Fuel – Final Report. Vol.1 & 2, September. pp. iii, xxii-xxviii, lvi-lxiv, 3-19, Table 4-2, 4-66 to 4-99, Appendices D and F. 2014. Accessed September 10, 2021. <https://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr2157/index.html>.



- \_\_\_\_\_. 2016a. Backgrounder Tritium, Radiation Protection Limits, and Drinking Water Standards, Office of Public Affairs, Washington, DC. February. pp. 4, 5. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML0620/ML062020079.pdf>.
- \_\_\_\_\_. 2016b. Diablo Canyon Power Plant – Final Significance Determination of a White Finding, Notice of Violation and Follow-up Assessment Letter, NRC Inspection Report 05000275/2016010 and 05000323/2016010. ADAMS Accession Number: ML1636A429. Accessed November 12, 2021. <https://www.nrc.gov/docs/ML1636/ML1636A429.pdf>.
- \_\_\_\_\_. 2016c. Regulatory Guide 8.10 Revision 2. Operating Philosophy for Maintaining Occupational and Public Radiation Exposures As Low As is Reasonably Achievable. NRC Office of Nuclear Regulatory Research. August. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML1610/ML16105A136.pdf>.
- \_\_\_\_\_. 2019. Regulatory Guide 1.179 – Standard Format and Content for License Termination Plans for Nuclear Power Reactors, Revision 2, NRC ADAMS Accession Number: ML19128A067. July. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML1912/ML19128A067.pdf>.
- \_\_\_\_\_. 2020a. Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM), Draft for Public Comment, NUREG 1575, Rev. 2, EPA 402-P-20-001, DOE/AU 002, with the EPA, DOE, and DOD, ADAMS Accession Number: ML21008A573. May. Accessed September 15, 2022. <https://www.epa.gov/radiation/multi-agency-radiation-survey-and-site-investigation-manual-marssim-proposed-revision-2>.
- \_\_\_\_\_. 2020b. NUREG-0713, Vol. 40. Occupational Radiation Exposure at Commercial Nuclear Power Reactors and Other Facilities 2018. Fifty-First Annual Report. ADAMS Accession Number: ML20087J424. pp. E-4 and E-5. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML2008/ML20087J424.pdf>.
- \_\_\_\_\_. 2021a. Inspection Reports. Accessed October 21, 2021. <https://www.nrc.gov/reactors/operating/oversight/listofrpts-body.html>.
- \_\_\_\_\_. 2021b. Diablo Canyon Power Plant, Units 1 and 2 – Triennial Fire Protection Inspection Report 05000275/2021010 AND 05000323/2021010. March 11. Accessed October 21, 2021. <https://www.nrc.gov/docs/ML2106/ML21068A347.pdf>.
- \_\_\_\_\_. 2021c. Diablo Canyon Power Plant, Units 1 and 2 – Integrated Inspection Report 05000275/2021001 AND 05000323/2021001 and Independent Spent Fuel Storage Installation Inspection Report 07200026/2021001. Accessed October 21, 2021. <https://www.nrc.gov/docs/ML2111/ML21118A017.pdf>.
- \_\_\_\_\_. 2021d. Diablo Canyon Power Plant, Units 1 and 2 – Integrated Inspection Report 05000275/2021002 AND 05000323/2021002. Accessed October 21, 2021. <https://www.nrc.gov/docs/ML2120/ML21208A053.pdf>.
- \_\_\_\_\_. 2021e. Diablo Canyon Power Plant, Units 1 and 2 – Design Basis Assurance Inspection (Programs) Inspection Report 05000275/2021011 AND 05000323/2021011. September 10. Accessed October 21, 2021. <https://www.nrc.gov/docs/ML2124/ML21242A535.pdf>.
- \_\_\_\_\_. 2021f. Diablo Canyon Power Plant, Units 1 and 2 – Temporary Instruction 2515/194 Report 05000275/2021012 AND 05000323/2021012. July 28. Accessed October 21, 2021. <https://www.nrc.gov/docs/ML2120/ML21207A199.pdf>.

- \_\_\_\_\_. 2021g. Diablo Canyon Power Plant, Units 1 and 2 – Security Baseline Inspection Report 05000275/2021401 and 05000323/2021401. July 1. Accessed October 21, 2021. <https://www.nrc.gov/docs/ML2118/ML21180A304.pdf>.
- \_\_\_\_\_. 2021h. Diablo Canyon Power Plant, Units 1 and 2 – Cyber Security Inspection Report 05000275/2021403 and 05000323/2021403. March 31. Accessed October 21, 2021. <https://www.nrc.gov/docs/ML2108/ML21089A349.pdf>.
- \_\_\_\_\_. 2021i. Diablo Canyon Power Plant, Units 1 and 2 – Security Baseline Inspection Report 05000275/2021405 and 05000323/2021405. August 4. Accessed October 21, 2021. <https://www.nrc.gov/docs/ML2121/ML21216A047.pdf>.
- \_\_\_\_\_. 2021j. NRC Press Release No: 21-036. NRC Issues License to Interim Storage Partners for Consolidated Spent Nuclear Fuel Interim Storage Facility in Texas. Office of Public Affairs, Washington, DC. September 13. Accessed October 5, 2021. <https://www.nrc.gov/docs/ML2125/ML21257A091.pdf>.
- \_\_\_\_\_. 2021k. Regulatory Guide 1.191 Rev 1. Fire Protection Plan for Nuclear Power Plants During Decommissioning, NRC-2020-0183-0006. January. Accessed September 19, 2022. <https://downloads.regulations.gov/NRC-2020-0183-0006/content.pdf>.
- \_\_\_\_\_. 2022a. Consolidated Decommissioning Guidance. Characterization, Survey, and Determination of Radiological Criteria. Final Report. NUREG-1757. Vol. 2 Rev. 2. Office of Nuclear Material Safety and Safeguards. US Nuclear Regulatory Commission. Washington DC. July. pp. vii, Section 1-4, -7, -11; 2-3, -5, -8, -9, -10; 3-7, 5-4 to 5-32, Appendices G, I, J, and Q.
- \_\_\_\_\_. 2022b. Humboldt Bay – Decommissioning, Site Status Summary. Last updated March 14, 2022. Accessed January 16, 2023. <https://www.nrc.gov/info-finder/decommissioning/power-reactor/humboldt-bay-nuclear-power-plant-unit-3.html>.
- \_\_\_\_\_. 2022c. NRC News, No. IV-22-007, NRC Names New Senior Resident Inspector at the Diablo Canyon Nuclear Power Plant. Accessed January 21, 2023, and available from NRC website: <https://www.nrc.gov/reading-rm/doc-collections/news/2022/22-007-iv.pdf>.
- PG&E (Pacific Gas & Electric Company). 2007a. PG&E Letter DCL-07-048. 2006 Annual Radiological Environmental Operating Report. April 27. ADAMS Accession Number: 071230098. pp. 2, 3.
- \_\_\_\_\_. 2007b. Student Handout for Radiation Worker Training. Revision 15. November. pp. 5. 89-92. Accessed October 5, 2021. <https://www.pge.com/microsite/diablo/docs/RadWorker.pdf>.
- \_\_\_\_\_. 2016a. Diablo Canyon Power Plant Units 1 and 2. Revised Updated Final Safety Analysis Report. Revision 23. Chapter 1. Introduction and General Description of Plant. Docket No. 50-275. Docket No. 50-323. December 31, 2016. <https://www.nrc.gov/docs/ML1720/ML17206A046.html>.
- \_\_\_\_\_. 2016b. Diablo Canyon Power Plant Units 1 and 2 Revised Updated Final Safety Analysis Report. Revision 23. Chapter 17. Quality Assurance. Docket No. 50-275. Docket No. 50-323. December 31, 2016. <https://www.nrc.gov/docs/ML1720/ML17206A046.html>.
- \_\_\_\_\_. 2016c. Diablo Canyon Power Plant Units 1 and 2 Revised Updated Final Safety Analysis Report. Revision 23. Chapter 12. Radiation Protection. Docket No. 50-275. Docket No. 50-323. December 31, 2016. <https://www.nrc.gov/docs/ML1720/ML17206A046.html>.
- \_\_\_\_\_. 2018a. PG&E Letter DCL-18-096, Certification of Permanent Cessation of Power Operations, November 27. ADAMS Accession Number: ML18331A553. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML1833/ML18331A553.pdf>.

- \_\_\_\_\_. 2018b. DCPP Site Characterization Study. Document Number DCPP-TA-012. Prepared for PG&E by Black & Veatch. Contract Number: 3501152452. July.
- \_\_\_\_\_. 2018c. Diablo Canyon Power Plant Historical Site Assessment Report. June. Prepared for PG&E by Black & Veatch Corporation. Included as Attachment 5 to PG&E Responses to San Luis Obispo County Information Hold Letter (Dated April 28, 2021) submitted July 26, 2021. pp. 5-32, 5-39.
- \_\_\_\_\_. 2019a. PG&E Letter DCL-19-077. Post-Shutdown Decommissioning Activities Report Diablo Canyon Power Plant Unit 1 and Unit 2. NRC ADAMS Accession Number: ML19338F173 and ML19304C675. December. pp. 2-10, -12, -13 to 17, -36; 5-29, 32, 35-39, 47-48. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML1933/ML19338F173.pdf>.
- \_\_\_\_\_. 2019b. PG&E Letter DCL-19-081. Diablo Canyon Power Plant, Units 1 and 2 Irradiated Fuel Management Plan, Revision 0. December. Enclosure 1. pp.1, 7. Accessed September 15, 2022. <https://diablocanyonpanel.org/wp-content/uploads/2019/12/DCL-19-081.pdf>.
- \_\_\_\_\_. 2019c. PG&E Letter DCL-19-082. Site-Specific Decommissioning Cost Estimate Diablo Canyon Power Plant Unit 1 and Unit 2. Enclosure 2 of Letter DCL-19-082. NRC ADAMS Accession Number: ML19345D345. December. p. 22. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML1934/ML19345D345.pdf>.
- \_\_\_\_\_. 2019d. PG&E Letter DCL-19-029. 2018 Annual Radiological Environmental Operating Report. NRC ADAMS Accession Number: ML19127A288. April 25. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML1912/ML19127A288.pdf>.
- \_\_\_\_\_. 2020a. PG&E Letter DCL-20-010. 2019 Annual Radiological Environmental Operating Report. NRC ADAMS Accession Number: ML20107F734. April 16. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML2010/ML20107F734.pdf>.
- \_\_\_\_\_. 2020b. Transportation Risks Associated with the Decommissioning of Nuclear Power Plants: Methodology and Application to Diablo Canyon Power Plant. Report GIRS 2020 – 2/L. Prepared under A Collaborative Research and Development Agreement Between The B. John Garrick Institute for the Risk Sciences at UCLA and Pacific Gas & Electric Company. May 27.
- \_\_\_\_\_. 2021a. PG&E Letter DCL-21-022. 2020 Annual Radiological Environmental Operating Report. NRC ADAMS Accession Number: ML21091A033. April 1. p. 1. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML2109/ML21091A033.pdf>.
- \_\_\_\_\_. 2021b. PG&E Letter DCL-21-023. 2020 Annual Radiological Effluent Release Report. NRC ADAMS Accession Number: ML21154A100. April 20. Accessed September 15, 2022. <https://www.nrc.gov/docs/ML2115/ML21154A100.pdf>.
- \_\_\_\_\_. 2021c. County of San Luis Obispo Development Plan / Coastal Development Permit and Conditional Use Permit Application Package for the Diablo Canyon Power Plant Decommissioning Project (Amended Submittal). June 30. File: Project Description, Environmental & Alternatives Analyses (Revised). Sections 1 and 3.8, pp. 2-1 to 95.
- \_\_\_\_\_. 2021d. PG&E Letter DCL-21-079 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Responses to August 25, 2021 Request for Additional Information, Data Request Set #1. October 26. pp 7, 9.
- \_\_\_\_\_. 2022a. PG&E Letter DCL-22-042. Diablo Canyon Power Plant Unit 1 and Unit 2, Post-Shutdown Decommissioning Activities Report, Revision 1. October 12.

- \_\_\_\_\_. 2022b. PG&E Letter DCL-22-039. Diablo Canyon Power Plant, Units 1 and 2 Irradiated Fuel Management Plan, Revision 1. October 12.
- \_\_\_\_\_. 2022c. PG&E Letter DCL-22-041. Site-Specific Decommissioning Cost Estimate Revision 1 Diablo Canyon Power Plant Unit 1 and Unit 2. October 12.
- \_\_\_\_\_. 2023. Email from Kris Vardas of PG&E to Susan Strachan, County of San Luis Obispo Department of Planning and Building, Subject: RE: Indoor Firing Range. March 1.
- RWQCB (Central Coast Regional Water Quality Control Board). 2002. Cleanup and Abatement Order No. R3-2002-0130. October 11. Accessed October 15, 2021. [https://www.waterboards.ca.gov/centralcoast//publications\\_forms/publications/eo\\_reports/2002/eo\\_rpt\\_2002\\_12.pdf](https://www.waterboards.ca.gov/centralcoast//publications_forms/publications/eo_reports/2002/eo_rpt_2002_12.pdf).
- San Luis Obispo (County of San Luis Obispo). 1999. Safety Element. San Luis Obispo County General Plan. December. p. 1. Accessed July 20, 2022. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Safety-Element.pdf>.
- \_\_\_\_\_. 2022. Diablo Canyon Decommissioning Project, Meeting with County Fire/CAL FIRE, Meeting Notes – March 22, 2022; 9:00 – 10:00 a.m.
- SC&A (SC&A, Inc.). 2022. Guide on Surveys for Subsurface Radiological Contaminants. Available on NRC ADAMS accession number ML22277A549 September 2022. Accessed January 21, 2023. <https://adamswebsearch2.nrc.gov/webSearch2/main.jsp?AccessionNumber=ML22277A549>
- Stantec. 2022. ISFSI Technical Memorandum from Stantec to PG&E. July 14. Attachment 1 – Air Quality Technical Memorandum. p. 2.
- SWRCB (State Water Resources Control Board). Geotracker. 2022a. Accessed July 19, 2022. [https://geotracker.waterboards.ca.gov/map/?global\\_id=L10003670426](https://geotracker.waterboards.ca.gov/map/?global_id=L10003670426).
- \_\_\_\_\_. 2022b. Accessed July 19, 2022. <https://geotracker.waterboards.ca.gov/map/?CMD=runreport&myaddress=1599+A+Street%2C+santa+maria>.
- \_\_\_\_\_. 2022c. Accessed July 19, 2022. <https://geotracker.waterboards.ca.gov/map/?CMD=runreport&myaddress=800+Price+Canyon+Road%2C+pismo+beach>.
- US Department of Labor. 2017. Occupational Safety and Health Administration, California: Operational Status Agreement. Accessed August 11, 2021. <https://www.govinfo.gov/content/pkg/FR-2017-06-02/pdf/2017-11422.pdf>
- USEPA. 1977. US Code of Federal Regulations. 40 CFR Part 190, Environmental Radiation Protection Standards for Nuclear Power Operations. January 13. Accessed September 26, 2021. <https://www.epa.gov/radiation/environmental-radiation-protection-standards-nuclear-power-operations-40-cfr-part-190>.
- \_\_\_\_\_. 2020. US Code of Federal Regulations. 40 CFR, Protection of Environment, Part 1508, Terminology and Index. Washington, D.C. July 16. Accessed September 15, 2022. <https://www.govinfo.gov/content/pkg/CFR-2010-title40-vol32/pdf/CFR-2010-title40-vol32-part1508.pdf>.

#### 4.11 Hydrology and Water Quality

- Argonautics (Argonautics Marine Engineering, Inc.). 2020. Environmental Criteria for Marine Works at Diablo Canyon Decommissioning Project. August.
- CCRWQCB (Central Coast Regional Water Quality Control Board). 1990. Waste Discharge Requirements for Pacific Gas and Electric Company Diablo Canyon Nuclear Power Plant Units 1 and 2, San Luis Obispo County. Order No. 90-90. NPDES No. CA0003751.

- \_\_\_\_\_. 2017. Waste Discharge Requirements NPDES General Permit for Discharges with Low Threat to Water Quality. Order No. R3-2017-0042; NPDES No. CAG993001.
- \_\_\_\_\_. 2019. Water Quality Control Plan for the Central Coast Basin. June.
- CDOC (California Department of Conservation). 2022. Tsunami Hazard Maps. Accessed January 28, 2022. [https://maps.conservacion.ca.gov/cgs/informationwarehouse/index.html?map=ts\\_evacuation](https://maps.conservacion.ca.gov/cgs/informationwarehouse/index.html?map=ts_evacuation).
- CDWR (California Department of Water Resources). 2004. California's Groundwater Bulletin 118: Central Coast Hydrologic Region, Santa Maria River Valley Groundwater Basin. February. pp. 1, 4.
- \_\_\_\_\_. 2021a. SGMA Basin Prioritization Dashboard, Groundwater Basins. Accessed November 12, 2021. <https://sbcblueprint.databasin.org/datasets/d96913d17177454db23244f1f2cb4a28/>.
- \_\_\_\_\_. 2021b. California Dam Breach Inundation Maps. Accessed January 26, 2022. <https://fmds.water.ca.gov/maps/damim/>.
- \_\_\_\_\_. 2021c. Sustainable Groundwater Management Act. Accessed November 15, 2021. <https://water.ca.gov/programs/groundwater-management/sgma-groundwater-management>.
- Conservation Biology Institute. 2021. Santa Barbara County Conservation Blueprint Atlas, Major Watershed Boundaries. Accessed November 16, 2021. <https://sbcblueprint.databasin.org/datasets/d96913d17177454db23244f1f2cb4a28/>.
- ENTRIX (ENTRIX, Inc.). 2008. Diablo Canyon Power Plant, Water Resources Evaluation. Phase II Report: Well Rehabilitation, Monitoring Well Installation, and Aquifer Testing. August 22, 2008. pp. 11-16.
- \_\_\_\_\_. 2010. Diablo Power Plant, San Luis Obispo, California. Groundwater Gradient Analysis. March. pp. 2-6, 2-7, 2-8, 3-1.
- FEMA (Federal Emergency Management Agency). 2012. Flood Insurance Rate Map No. 06083C0170G. Revised December 4, 2012.
- \_\_\_\_\_. 2017a. Flood Insurance Rate Map No. 06079C1303H. Revised May 16, 2017.
- \_\_\_\_\_. 2017b. Flood Insurance Rate Map No. 06079C1344H. Revised May 16, 2017.
- Gluchowski, A., W. Sas, J. Dzieciol, E. Sobol, and A. Szymanski. 2018. Permeability and Leaching Properties of Recycled Concrete Aggregate as an Emerging Material in Civil Engineering. Applied Science 2019, 9, 81. pp. 14-15.
- Nuclear Energy Institute. 2007. Industry Ground Water Protection Initiative - Final Guidance Document. August.
- PG&E (Pacific Gas and Electric Company). 2015. Storm Water Pollution Prevention Plan, Pacific Gas & Electric Company – Diablo Canyon Power Plant, 9 Miles NW of Avila Beach, California. June 30. p. i.
- \_\_\_\_\_. 2018. 2018 Nuclear Decommissioning Cost Triennial Proceeding, Prepared Testimony, Attachments Supporting Chapter 4, Volume 3. December 13, 2018. pp. 41-44.
- \_\_\_\_\_. 2020a. 2019 Annual Radiological Environmental Operating Report, Diablo Canyon Power Plant, January 1, 2019 – December 31, 2019. March 10. pp. 6, 72-73, 99-103.
- \_\_\_\_\_. 2020b. Preliminary Erosion and Sediment Control Plan - Diablo Canyon Power Plant. Prepared by ERM-West, Inc. September. pp. 4-6. Provided as Appendix B to the March 2021 Permit Application Package to the County of San Luis Obispo.

- \_\_\_\_\_. 2021a. Diablo Canyon Decommissioning, Water Resources Evaluation and Future Source Water Supply. Prepared by ERM. May. pp. 8-9, 20-24. Provided as Appendix R to the March 2021 Permit Application Package to the County of San Luis Obispo.
- \_\_\_\_\_. 2021b. Prepared by ERM. DCPP Discharge Dilution Study. June. p. 67. Provided as Appendix S to the March 2021 Permit Application Package to the County of San Luis Obispo.
- \_\_\_\_\_. 2022a. Diablo Canyon Decommissioning Turbidity Monitoring Plan. Prepared for PG&E by Ramboll and ERM. Contract Number 3501282933. Revision 1. May. pp. 4-5, 7-8, 9-11. Provided as Appendix 5 to the Discharge Structure 30% Design Plans.
- \_\_\_\_\_. 2022b. Diablo Canyon Decommissioning Oil Spill Response Plan. Prepared for PG&E by ERM. July. pp. 6-8, 13-17. Provided as Appendix 8 to the Discharge Structure 30% Design Plans.
- \_\_\_\_\_. 2022c. Diablo Canyon Decommissioning Site Grading and Concrete Re-Use Strategy Plan. Prepared for PG&E by ERM. Revision 2. September.
- \_\_\_\_\_. 2023a. Drawings for Preliminary Grading, Erosion & Sediment Control Plan. Revision 5. February.
- \_\_\_\_\_. 2023b. Diablo Canyon Power Plant Site Drainage Plan Drainage Report DRAFT. Prepared for PG&E by CannonCorp.us. March 10.
- Pismo Beach (City of Pismo Beach). 2014. General Plan and Local Coastal Program. April. pp. C-2, C-12.
- \_\_\_\_\_. 2021. Municipal Code. Chapter 13.28 Stormwater. Accessed November 16, 2021. [https://code.library.amlegal.com/codes/pismobeach/latest/pismo\\_ca/0-0-0-18719](https://code.library.amlegal.com/codes/pismobeach/latest/pismo_ca/0-0-0-18719).
- San Luis Obispo (County of San Luis Obispo). 2010. County of San Luis Obispo General Plan, Conservation and Open Space Element. May. pp. 10.1-10.4, 10.16-10.18, 10.27.
- \_\_\_\_\_. 2011. San Luis Obispo County Average Annual Precipitation. Department of Public Works & Transportation. Drawing No. H-1. Adopted 2011. Sheet 1 of 1.
- \_\_\_\_\_. 2014. San Luis Obispo Integrated Regional Water Management Plan. Appendix L, San Luis Obispo County Groundwater Basins. June. p. 23.
- \_\_\_\_\_. 2016. Tsunami Plan. pp. 8, 11, 29.
- \_\_\_\_\_. 2020. San Luis Obispo County Public Works, Recording Rain Station Monthly Precipitation Report. Station Name: Davis Peak # 738. p. 1.
- \_\_\_\_\_. 2021. Title 22 and 23 of the San Luis Obispo County Code – Coastal Zone Land Use Ordinance. Accessed November 12, 2021. [https://library.municode.com/ca/san\\_luis\\_obispo\\_county/codes/county\\_code](https://library.municode.com/ca/san_luis_obispo_county/codes/county_code).
- Santa Barbara (County of Santa Barbara). 2009. Santa Barbara Comprehensive Plan, Conservation Element: Groundwater Resources Section. May. pp. 4, 63, 67.
- \_\_\_\_\_. 2021. Chapter 29. Article IV. Storm Water Management and Discharge Control of the County of Santa Barbara Municipal Code. Accessed November 16, 2021. [https://library.municode.com/ca/santa\\_barbara\\_county/codes/code\\_of\\_ordinances?nodeId=CH29STDRSASE\\_ARTIVSTWAMA DICO](https://library.municode.com/ca/santa_barbara_county/codes/code_of_ordinances?nodeId=CH29STDRSASE_ARTIVSTWAMA DICO).
- \_\_\_\_\_. 2023. Personal communication via email from JR Beard and Troy Barnhart of County of San Luis Obispo Department of Public Works to Susan Strachan of County of San Luis Obispo. Subject: DRC2021-00092 PG&E Diablo Decommissioning, Avila Beach, APN 076-011-018. January 27.

- Santa Maria (City of Santa Maria). 2020. Santa Maria General Plan. Environmental Background Report. December. p. 2, 44.
- SLO Watershed Project. 2021. SLO Watershed Project, Watershed Maps and Data for San Luis Obispo County. Accessed November 12, 2021. <http://slowatershedproject.org/>.
- USGS (US Geological Survey). 1995. Groundwater Atlas of the United States, Segment 1, California Nevada. Hydrologic Investigations Atlas 730-B. pp. B4, B21, B24.
- Waananen, A.O. and J.R. Crippen. 1977. Magnitude and Frequency of Floods in California. U.S. Geological Survey. Water-Resources Investigations 77-21. pp. 38, 69.

#### **4.12 Land Use, Planning, and Agriculture**

- CCC (California Coastal Commission). 2004. Item W5a: Revised Findings Staff Report A-3-SLO-04-035 – Pacific Gas and Electric Company ISFSI Project. December 16. p. 16.
- California State Parks (Department of Parks and Recreation). 1988. Montaña de Oro State Park General Plan.
- DCDEP (Diablo Canyon Decommissioning Engagement Panel). 2022. A Strategic Vision. December 2018, Revised April 2022. Accessed June 3, 2022. <https://diablocanyonpanel.org/panel-reports/strategic-vision-report/>.
- DOC (California Department of Conservation). 2018. Farmland of Local Importance. Accessed January 5, 2022. [https://www.conservation.ca.gov/dlrp/fmmp/Documents/Farmland\\_of\\_Local\\_Importance\\_2018.pdf](https://www.conservation.ca.gov/dlrp/fmmp/Documents/Farmland_of_Local_Importance_2018.pdf).
- \_\_\_\_\_. 2022a. Farmland Mapping and Monitoring Program: Laws and Policy. Accessed January 11, 2022. <https://www.conservation.ca.gov/dlrp/fmmp/Pages/Laws-and-Policy.aspx>.
- \_\_\_\_\_. 2022b. Important Farmland Categories. Accessed January 5, 2022. <https://www.conservation.ca.gov/dlrp/fmmp/Pages/Important-Farmland-Categories.aspx>.
- Google Earth Pro. 2021. Google Earth Pro 7.3.4.8248 (64-bit). Build Date July 16, 2021. Accessed January 4, 2022.
- LCSLO (The Land Conservancy of San Luis Obispo County). 2013. Wild Cherry Canyon: Conservationists Remain Hopeful Despite Fallout. Posted June 6, 2013. Accessed January 5, 2022. <https://lcslo.org/wild-cherry-canyon/>.
- PG&E (Pacific Gas and Electric Company). 2021. County of San Luis Obispo Development Plan / Coastal Development Permit and Conditional Use Permit Application Package for the Diablo Canyon Power Plant Decommissioning Project (Amended Submittal). June 30. File: Project Description, Environmental & Alternatives Analyses (Revised).
- \_\_\_\_\_. 2023. Email from Kris Vardas of PG&E to Susan Strachan, County of San Luis Obispo Department of Planning and Building, Subject: [EXT]DCPP Decommissioning – Security Related Questions. March 1.
- Pismo Beach (City of Pismo Beach). 1993. City of Pismo Beach General Plan and Local Coastal Program. Certified by Coastal Commission May 1993, with multiple amendments through September 27, 2013. Accessed November 29, 2021. <https://www.pismo-beach.org/DocumentCenter/View/247/01-General-Plan-?bidId=>.
- \_\_\_\_\_. 1998. Pismo Beach Zoning Map: 1998 Non-Coastal Zone Map South. July. Accessed January 4, 2022. <https://pismo-beach.org/338/Zoning-Code-Overlay-Zone-Maps>.

- \_\_\_\_\_. 2021. Pismo Beach Municipal Code. Current through Ordinance O-2021-003, passed September 7, 2021. Accessed November 29, 2021. [https://codelibrary.amlegal.com/codes/pismo\\_beach/latest/pismo\\_ca/0-0-0-1](https://codelibrary.amlegal.com/codes/pismo_beach/latest/pismo_ca/0-0-0-1).
- San Luis Obispo (County of San Luis Obispo). 2007. County of San Luis Obispo Coastal Plan Policies. Certified by the California Coastal Commission February 25, 1988. Revised April 2007. Accessed December 1, 2021. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements.aspx>.
- \_\_\_\_\_. 2009. San Luis Bay Area Plan (Coastal). Certified by the California Coastal Commission February 25, 1988. Revised August 2009. Accessed December 2, 2021. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Area-Plans.aspx>.
- \_\_\_\_\_. 2010. County of San Luis Obispo General Plan Agriculture Element. Adopted December 15, 1998. Revised May 2010. Accessed December 1, 2021. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements.aspx>.
- \_\_\_\_\_. 2015. The Area Plans. Part II of the Land Use and Circulation Elements. Adopted February 4, 2014. Amended March 24, 2015. Accessed December 6, 2021. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Area-Plans.aspx>.
- \_\_\_\_\_. 2018. Coastal Zone Framework for Planning. Certified by the California Coastal Commission February 25, 1988. Revised September 2018. Accessed December 2, 2021. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements.aspx>.
- \_\_\_\_\_. 2019. Coastal Zone Land Use Ordinance. Title 23 of the San Luis Obispo County Code. Adopted March 1, 1988. Certified by the California Coastal Commission October 7, 1986. Revised April 2019. Accessed December 6, 2021. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Ordinances.aspx>.
- \_\_\_\_\_. 2022a. Land Use View. Accessed January 4, 2022. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Land-Use-View-Map-User-Guides.aspx>.
- \_\_\_\_\_. 2022b. Williamson Act Administration. Accessed January 6, 2022. <https://www.slocounty.ca.gov/Departments/Planning-Building/Department-Divisions/Agriculture,-Water,-and-Energy/Agriculture/Williamson-Act-Administration.aspx>.
- \_\_\_\_\_. 2022c. Email communication between Cindy Chambers, County of San Luis Obispo Senior Planner, and Susan Strachan, Project Manager for County of San Luis Obispo. February 7.
- \_\_\_\_\_. 2023. Map of Phased Acquisition in the Irish Hills. County data – Map Date: March 21.
- Santa Barbara (County of Santa Barbara). 2009. Santa Barbara County Comprehensive Plan. Agricultural Element. Adopted 1991, Republished May 2009. Accessed November 15, 2021. <https://www.countyofsb.org/plndev/policy/comprehensiveplan/comprehensiveplan.sbc>.
- \_\_\_\_\_. 2021a. Santa Barbara County Land Use & Development Code. Republished January 2020, Updated October 2021. Accessed January 5, 2022. <https://www.countyofsb.org/plndev/policy/LUDC.sbc>.
- \_\_\_\_\_. 2021b. Email communication between Holly Owen, County of Santa Barbara Supervising Planner, and Susan Strachan, Project Manager for County of San Luis Obispo. July 28.
- \_\_\_\_\_. 2022. Santa Barbara County Land Use and Zoning Map. Accessed January 4, 2022. <https://www.countyofsb.org/1561/Find-My-Zoning>.



- Santa Maria (City of Santa Maria). 2011. Santa Maria General Plan Land Use Element. Adopted August 1991. Amended September 6, 2011. Accessed December 3, 2021. <https://www.cityofsantamaria.org/city-government/departments/community-development/planning-division/planning-policies-and-regulations/general-plan/>.
- \_\_\_\_\_. 2012. Area 9 Specific Plan. Adopted April 3. Accessed January 11, 2022. <https://www.cityofsantamaria.org/city-government/departments/community-development/planning-division/planning-policies-and-regulations/specific-plans>.
- \_\_\_\_\_. 2019. City of Santa Maria Zoning Map. January. Accessed January 4, 2022. <https://www.cityofsantamaria.org/doing-business/zoning-map>.
- SBC Atlas (Santa Barbara County Conservation Blueprint Atlas). 2015. Agricultural Preserve (Williamson Act) of Santa Barbara County. Accessed January 4, 2022. <https://sbcblueprint.databasin.org/datasets/293bb2006edc4c8986d6b564d4502527/>.
- USCG and USDOT (US Coast Guard and US Department of Transportation). 2002. Security Zone; Waters Adjacent to Diablo Canyon Nuclear Power Plant, Avila Beach, CA. December 18. Accessed January 12, 2022. <https://www.federalregister.gov/documents/2002/12/18/02-31767/security-zone-waters-adjacent-to-diablo-canyon-nuclear-power-plant-avila-beach-ca>.
- Willey, Henry Ide. 1886. Report of the Surveyor-General of the State of California From August 1, 1884, to August 1, 1886. Accessed May 8, 2023. [https://www.slc.ca.gov/wp-content/uploads/2018/08/Willey\\_1884\\_1886.pdf](https://www.slc.ca.gov/wp-content/uploads/2018/08/Willey_1884_1886.pdf)

#### **4.13 Noise**

- CAL FIRE (California Department of Forestry and Fire Protection). 2019. "Incorporated Cities" [shapefile]. Accessed August 25, 2022. <https://frap.fire.ca.gov/mapping/gis-data/>.
- Caltrans (California Department of Transportation). 2020. Transportation and Construction Vibration Guidance Manual. April. Chapter 6: Vibration Criteria. Table 6 and Table 14. Accessed August 16, 2022. <https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/tcvgm-apr2020-a11y.pdf>.
- CSLC (California State Lands Commission). 2019. Final Environmental Impact Report for the San Onofre Nuclear Generating Station (SONGS) Units 2 & 3 Decommissioning Project. February. Noise Table 4.11-2. Accessed March 4, 2022. <https://www.slc.ca.gov/ceqa/san-onofre/>.
- Esri. 2022. Terrain with Labels. Accessed August 25, 2022. <https://www.arcgis.com/home/item.html?id=a52ab98763904006aa382d90e906fdd5>.
- FHWA (US Department of Transportation, Federal Highway Administration, Washington, DC). 2006. FHWA Roadway Construction Noise Model User's Guide. Final Report. January. FHWA-HEP-05-054/DOT-VNTSC-FHWA-05-01. Accessed August 16, 2022. [https://www.gsweventcenter.com/Draft\\_SEIR\\_References/2006\\_01\\_Roadway\\_Construction\\_Noise\\_Model\\_User\\_Guide\\_FHWA.pdf](https://www.gsweventcenter.com/Draft_SEIR_References/2006_01_Roadway_Construction_Noise_Model_User_Guide_FHWA.pdf)
- FTA (US Department of Transportation, Federal Transit Administration). 2018. Transit Noise and Vibration Impact Assessment. FTA Report No. 0123. September. Accessed August 23, 2022. [https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/118131/transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123\\_0.pdf](https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/118131/transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123_0.pdf).
- PG&E (Pacific Gas and Electric Company). 2020. Diablo Canyon Noise Assessment Report. Revision 0. Included as Appendix M to the June 30, 2021 Application Package to the County of San Luis

- Obispo. Table 6.1-1, p. 8; Tables 6.3.9.3.1-2 and 6.3.10.3.1-3, pp. 18-20; Figure 6.3.1.3-2-2, p. 21; Table 6.3.11.3.2-1, p. 22; Appendix 1 – Ambient Sound Level Measurement Location Figures.
- \_\_\_\_\_. 2021a. County of San Luis Obispo Development Plan / Coastal Development Permit and Conditional Use Permit Application Package for the Diablo Canyon Power Plant Decommissioning Project (Amended Submittal). March 26. File: \_Application Project Description Environmental Analysis Alternatives. Section 3.12.4.2 PDF pp. 458-459.
- \_\_\_\_\_. 2021b. County of San Luis Obispo Development Plan / Coastal Development Permit and Conditional Use Permit Application Package for the Diablo Canyon Power Plant Decommissioning Project (Amended Submittal). June 30. File: Project Description, Environmental & Alternatives Analyses (Revised).
- \_\_\_\_\_. 2021c. Diablo Canyon Decommissioning Addendum 3 – Noise Assessment Report. Included as part of Appendix Q to the June 30, 2021 Application Package to the County of San Luis Obispo. Noise Tables 5.2.1.3.1-2 and 5.2.1.4.1-3, pp. 11-13; Table 5.3.7-1, pp. 17-18; Appendix 1 – Ambient Sound Level Measurement Location Figures.
- \_\_\_\_\_. 2021d. PG&E Letter DCL-21-079 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Responses to August 25, 2021 Request for Additional Information, Data Request Set #1. October 26. Appendix A – PD GIS Data.
- Pismo Beach (City of Pismo Beach). 1992. Title 9 of the Pismo Beach Municipal Code. Chapter 9.24-Noise Control, Section 9.24.050-Prohibited Acts and Section 9.24.060-Exterior Noise Limits.
- San Luis Obispo (County of San Luis Obispo). 1992. County of San Luis Obispo General Plan: Noise Element, Part I, Policy Document. Adopted by County Board of Supervisors May 5, 1992 – Resolution 92-227. Section 1.1, Purpose and Scope. p. 1-1. Accessed August 15, 2022. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Noise-Element.pdf>.
- \_\_\_\_\_. 2022. San Luis Obispo County Noise Ordinance, Title 22-Land Use Ordinance, Article 3-Site Planning and Project Design Standards, Chapter 22.10-General Property Development and Operating Standards, Section 22.10.120-Noise Standards. Title 23-Coastal Zone Land Use, Chapter 23.06-Operational Standards, Sections 23.06.040 through 23.06.048 and 23.06.060. Accessed August 16, 2022. [https://library.municode.com/ca/san\\_luis\\_obispo\\_county/codes/county\\_code?nod\\_eid=16608](https://library.municode.com/ca/san_luis_obispo_county/codes/county_code?nod_eid=16608).
- Santa Barbara (County of Santa Barbara). 2009. Noise Element. Adopted 1979, Republished May 2009. Noise in Santa Barbara County. Transportation Noise Sources. pp. 36, 64-65. Accessed August 16, 2022. <https://cosantabarbara.app.box.com/s/3yex3g6a5vex3cjpjx1bxg1pgvzp9k1y>.
- Santa Maria (City of Santa Maria). 2009. Noise Element of the Santa Maria General Plan. Accessed August 16, 2022. <https://www.cityofsantamaria.org/home/showpublisheddocument/596/635488452758600000>.
- \_\_\_\_\_. 2022. Santa Maria, California Municipal Code. Title 5 Health and Sanitation. Chapter 5-5. Accessed August 16, 2022. [https://library.qcode.us/lib/santa\\_maria\\_ca/pub/municipal\\_code/item/title\\_5-chapter\\_5\\_5](https://library.qcode.us/lib/santa_maria_ca/pub/municipal_code/item/title_5-chapter_5_5).
- Stantec. 2022. ISFSI Technical Memorandum from Stantec to PG&E. July 14.
- USEPA (United States Environmental Protection Agency). 1974. Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety. March.

Accessed August 24, 2022. <https://nepis.epa.gov/Exe/ZyPDF.cgi/2000L3LN.PDF?Dockey=2000L3LN.PDF>.

\_\_\_\_\_. 1978. Protective Noise Levels. Condensed Version of EPA Levels Document. November. EPA Publication Number 550979100. Accessed August 24, 2022. Search by document name or publication number: <https://www.epa.gov/nscep>.

#### 4.14 Public Services and Utilities

CAISO (California Independent System Operator). 2023. California ISO Peak Load History 1998 through 2022. Accessed February 28, 2023. <https://www.caiso.com/documents/californiaisopeakloadhistory.pdf>.

CAL FIRE/San Luis Obispo County Fire. 2012. Service Level Analysis for CAL FIRE/San Luis Obispo County Fire, Consolidated Fire Protection Strategic Plan. pp. 8, 78, 131.

Cal Poly SLO (California Polytechnic State University, San Luis Obispo). 2021. Cal Poly Registration Monitor, Fall 2021, Final Census. Accessed December 7, 2021. <https://content-calpoly-edu.s3.amazonaws.com/ir/1/images/20211029%20-%20Final%20Census.pdf>.

CalRecycle. 2016. SWIS Facility/Site Activity Details, Tajiguas Res Rec Proj and Sanitary LF (42 AA-0015). Accessed February 24, 2022. <https://www2.calrecycle.ca.gov/SolidWaste/SiteActivity/Details/1252?siteID=3283>.

\_\_\_\_\_. 2018. SWIS Facility/Site Activity Details, Santa Maria Regional Landfill (42-AA-0016). Accessed February 24, 2022. <https://www2.calrecycle.ca.gov/SolidWaste/SiteActivity/Details/1253?siteID=3284>.

Clark County. 2020. Clark County Solid Waste Management Plan 2015 – Chapter 10 Landfill Disposal. Accessed May 9, 2022. <https://clark.wa.gov/sites/default/files/dept/files/public-health/SWEO/SWMP/Chapter10-1-5-15.pdf>.

Community College Review. 2022. Allan Hancock College. Accessed February 10, 2022. <https://www.communitycollegereview.com/allan-hancock-college-profile>.

County of San Luis Obispo Department of Planning & Building. 2020. Onsite Wastewater Treatment Systems Local Agency Management Program. May. Accessed May 17, 2023. [https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Septic-System-\(Onsite-Wastewater-Treatment-Systems/County-of-San-Luis-Obispo-LAMP-2020.pdf](https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Septic-System-(Onsite-Wastewater-Treatment-Systems/County-of-San-Luis-Obispo-LAMP-2020.pdf).

Cuesta College. 2021. Fast Facts. Accessed December 7, 2021. <https://www.cuesta.edu/about/info/collegefacts.html>.

Energy Solutions. 2021. Federal Cell Facility Application for a Radioactive Material License, Clive, Utah. April 9. Accessed May 9, 2022. <https://documents.deq.utah.gov/waste-management-and-radiation-control/facilities/energysolutions/DRC-2021-005514.pdf>.

\_\_\_\_\_. 2022a. Safety for Employees, Public, and Environment. Accessed February 24, 2022. <https://www.energysolutions.com/about/safety/>.

\_\_\_\_\_. 2022b. Clive Disposal Facility. Accessed February 23, 2022. <https://www.energysolutions.com/clive-disposal-facility/>.

Esri. 2022. World Imagery. Accessed July 1, 2022. <https://www.arcgis.com/home/item.html?id=10df2279f9684e4a9f6a7f08feb2a9#!>.

- Integrated Waste Management Authority. 2022. Landfills and Transfer Stations. Accessed February 24, 2022. <https://iwma.com/residents/landfills-transfer-stations/>.
- Kitsap County Public Works Department. 2020. Solid Waste Transfer Station Operation and Maintenance and Waste Transport and Disposal Services. pp. 21. Accessed May 9, 2022. <https://spf.kitsapgov.com/das/Documents/2020-125%20Kitsap%20Reponse%20-%20Republic%20Services.pdf>.
- Lucia Mar Unified School District. 2021. Home Page. Accessed December 9, 2021. <https://www.luciamar.schools.org/#>.
- Nevada Division of Environmental Protection. 2021. US Ecology Nevada, Inc. Beatty, Nevada, EPA ID# NVT330010000. Accessed February 23, 2022. [https://ndep.nv.gov/uploads/land-waste-hwm-facilities-docs/tsd-facility-usen-rcra-permit\\_feb2021-rev6.pdf](https://ndep.nv.gov/uploads/land-waste-hwm-facilities-docs/tsd-facility-usen-rcra-permit_feb2021-rev6.pdf).
- NRC (Nuclear Regulatory Commission). 2015. NSIR/DPR-ISG-02 Interim Staff Guidance, Emergency Planning Exemption Requests for Decommissioning Nuclear Power Plants. Accessed February 28, 2023. <https://adamswebsearch2.nrc.gov/webSearch2/main.jsp?AccessionNumber=ML14106A057>
- PG&E (Pacific Gas and Electric Company). 2021a. County of San Luis Obispo Development Plan/Coastal Development Permit and Conditional Use Permit Application Package for the Diablo Canyon Power Plant Decommissioning Project (Amended Submittal). June 30. File: Project Description, Environmental & Alternatives Analyses (Revised).
- \_\_\_\_\_. 2021b. PG&E Responses to San Luis Obispo County, Information Hold Letter (Dated April 28, 2021).
- \_\_\_\_\_. 2021c. PG&E Letter DCL-21-079 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Responses to August 25, 2021 Request for Additional Information, Data Request Set #1. October 26.
- \_\_\_\_\_. 2021d. PG&E Letter DCL-21-096 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Responses to November 12, 2021 Request for Additional Information, Data Request Set #2. December 16.
- \_\_\_\_\_. 2022a. Diablo Canyon Power Plan Decommissioning Project, Data Request #5 – Meeting January 25, 2022.
- \_\_\_\_\_. 2022b. PG&E Letter DCL-22-022 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Response to Requests for Additional Information. March 31. Responses to Data Request Set #5, 6, 7, and 8.
- \_\_\_\_\_. 2022c. Diablo Canyon Decommissioning Future Water Supply Study. Prepared for PG&E by ERM. October 5, 2022.
- \_\_\_\_\_. 2023a. Email from Kris Vardas of PG&E to Susan Strachan, County of San Luis Obispo Department of Planning and Building, Subject: [EXT]DCPP Decommissioning - Security Related Questions. February 28.
- \_\_\_\_\_. 2023b. Preliminary Engineering Geology Report for the Decommissioning of the Diablo Canyon Power Plant: Response to County of San Luis Obispo Request April 5, 2022. Pacific Gas and Electric Co. Geosciences Department, Report No. GEO.22.95, Revision 0. March 22. Part II, pp. 156-157.
- \_\_\_\_\_. 2023c. Email from Kris Vardas of PG&E to Susan Strachan, County of San Luis Obispo Department of Planning and Building, Subject: [EXT]Existing Septic System - East Canyon Area. April 27.

- Pismo Beach (City of Pismo Beach). 2014. City of Pismo Beach General Plan and Local Coastal Program. April. Accessed December 9, 2021. <https://www.pismo-beach.org/DocumentCenter/View/247/01-General-Plan-?bidId=>.
- \_\_\_\_\_. 2021. Police Department. Accessed December 7, 2021. <https://pismo-beach.org/Directory.aspx?did=7>.
- San Luis Coastal Unified School District. 2021a. Elementary School. Accessed December 9, 2021. <https://www.slcsud.org/our-schools/elementary-school>.
- \_\_\_\_\_. 2021b. Middle School. Accessed December 9, 2021. <https://www.slcsud.org/our-schools/middle-school>.
- \_\_\_\_\_. 2021c. High School. Accessed December 9, 2021. <https://www.slcsud.org/our-schools/high-school>.
- \_\_\_\_\_. 2021d. Adult School. Accessed December 9, 2021. <https://ae.slcsud.org/>.
- San Luis Obispo (County of San Luis Obispo). 1999. San Luis Obispo County General Plan, Safety Element. Accessed December 9, 2021. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Safety-Element.pdf>.
- \_\_\_\_\_. 2018. Coastal Zone, Framework for Planning, San Luis Obispo County General Plan, Local Coastal Program. September. Accessed December 9, 2021. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Framework-for-Planning-Coastal-Zone.pdf>.
- \_\_\_\_\_. 2020. Final 2019 Integrated Regional Water Management Plan. Accessed December 8, 2021. [https://www.slocounty.ca.gov/Departments/Public-Works/Forms-Documents/Committees-Programs/Integrated-Regional-Water-Management-\(IRWM\)/IRWM-Plan/2019-IRWM-Plan/2019-IRWM-Plan.pdf](https://www.slocounty.ca.gov/Departments/Public-Works/Forms-Documents/Committees-Programs/Integrated-Regional-Water-Management-(IRWM)/IRWM-Plan/2019-IRWM-Plan/2019-IRWM-Plan.pdf).
- \_\_\_\_\_. 2022. Diablo Canyon Decommissioning Project, Meeting with County Fire/CAL FIRE, Meeting Notes – March 22, 2022; 9:00 – 10:00 a.m.
- San Luis Obispo County Fire Department. 2022a. Avila Valley Station 62. Accessed March 22, 2022. <https://calfireslo.org/station-62/>.
- \_\_\_\_\_. 2022b. Pismo Beach Station 64. Accessed February 11, 2022. <https://calfireslo.org/station-64/>.
- San Luis Obispo County Sheriff's Office. 2021. Divisions and Units. Accessed December 7, 2021. [https://www.slosheriff.org/divisions\\_units.php](https://www.slosheriff.org/divisions_units.php).
- Santa Barbara (County of Santa Barbara). 2009. Comprehensive Plan, Hazardous Waste Element. Accessed January 31, 2023. <https://cosantabarbara.app.box.com/s/2rhuseya3lal5u1kxtkz7fxij4datda3>.
- \_\_\_\_\_. 2015a. Comprehensive Plan, Seismic Safety and Safety Element. Accessed January 31, 2023. <https://cosantabarbara.app.box.com/s/85hcgkw8xelM0n6Octyu62a7if1lhxfi>.
- \_\_\_\_\_. 2015b. Santa Barbara County Comprehensive Plan, Energy Element. Accessed March 1, 2023. <https://cosantabarbara.app.box.com/s/mihghnn9kxv7v60gtopyjeng1o998gc>.
- \_\_\_\_\_. 2019. Santa Barbara County Integrated Regional Water Management Plan, Update 2019. Accessed December 9, 2021. [http://www.countyofsb.org/uploadedFiles/pwd/Content/Water/IRWMP/IRWM-PLAN-UPDATE-Final\\_MASTER.pdf](http://www.countyofsb.org/uploadedFiles/pwd/Content/Water/IRWMP/IRWM-PLAN-UPDATE-Final_MASTER.pdf).
- \_\_\_\_\_. 2021. County of Santa Barbara Library Advisory Meetings. Accessed December 8, 2021. <https://www.countyofsb.org/csd/library.sbc>.

- Santa Barbara County Sheriff's Office. 2021. Divisions and Units. Accessed February 2, 2023. <https://www.sbsheriff.org/command-and-divisions/law-enforcement-operations/north-county-operations-division/santa-maria-station/>.
- Santa Maria Joint Union High School District. 2021. Schools. Accessed December 9, 2021. <http://www.smjuhsd.k12.ca.us/?PN=Schools2>.
- US Ecology. 2022. US Ecology Customer Audit Handbook, US Ecology, Idaho, 20400 Lemley Road, Grand View, ID 83624. Accessed February 23, 2022. <https://www.usecology.com/system/files/2022-02/USEI%20Customer%20Audit%20Handbook%2002-21-2022.pdf>.
- USEPA (US Environmental Protection Agency). 2023. Statistics and Facts. <https://www.epa.gov/water-sense/statistics-and-facts>.
- USGS (United States Geological Survey). 2022. NHD Waterbody, NHD Flowline [shapefile]. <https://apps.nationalmap.gov/downloader/#/>. Accessed July 1, 2022.
- Waste Control Specialists. 2022. Facilities. Accessed February 23, 2022. <https://www.wcstexas.com/about/our-facilities/facilities/#:~:text=The%20total%20disposal%20capacity%20of,layer%20of%20red%2Dbed%20clay>.
- Waste Management. 2022a. Columbia Ridge Landfill and Green Energy Plant. Accessed February 23, 2022. <https://www.wmnorthwest.com/landfill/columbiaridge.htm>.
- \_\_\_\_\_. 2022b. Chemical Waste Management of the Northwest. Accessed May 6, 2022. [https://www.wmsolutions.com/pdf/factsheet/CWM\\_Arlington.pdf](https://www.wmsolutions.com/pdf/factsheet/CWM_Arlington.pdf).

#### 4.15 Recreation and Public Access

- ArcGIS Online. 2022. California Coastal Trail (CCT). Accessed May 19, 2023. <https://the-california-coastal-trail-1-coastalcomm.hub.arcgis.com/datasets/california-coastal-trail-cct/explore?location=0.000000%2C0.000000%2C2.41>.
- California Beaches. 2022. Fisherman's Beach. Accessed February 15, 2022. <https://www.california-beaches.com/beach/fishermans-beach/>.
- CCC (California Coastal Commission). 1997. Operational Agreement to the Pecho Coast Trail Accessway Management Plan. February 19.
- \_\_\_\_\_. 2004. Item W5a: Revised Findings Staff Report A-3-SLO-04-035 – Pacific Gas and Electric Company ISFSI Project. December 16. pp. 16, 33-45.
- \_\_\_\_\_. 2007. Beaches and Parks from Monterey to Ventura, Counties Included: Monterey, San Luis Obispo, Santa Barbara, Ventura. California: University of California Press. Pp. 162-165. Available for purchase: <https://www.ucpress.edu/book/9780520249493/beaches-and-parks-from-monterey-to-ventura>
- \_\_\_\_\_. 2008. Item W25b&c: Proposed Revised Findings Staff Report De Novo Hearing for Appeal and Coastal Development Permit Application – Pacific Gas and Electric Company Steam Generator Replacement Project (SGRP). February 14. pp. 24-33.
- Central Coast Aquarium. 2022. History. Accessed February 15, 2022. [www.centralcoastaquarium.com](http://www.centralcoastaquarium.com)
- USCG and USDOT (US Coast Guard and US Department of Transportation). 2002. Security Zone; Waters Adjacent to Diablo Canyon Nuclear Power Plant, Avila Beach, CA. December 18. Accessed January 12, 2022. <https://www.federalregister.gov/documents/2002/12/18/02-31767/security-zone-waters-adjacent-to-diablo-canyon-nuclear-power-plant-avila-beach-ca>.

- DPR (California Department of Parks and Recreation). 2016. Montaña de Oro Hike Map. Accessed December 2, 2021. [https://www.parks.ca.gov/pages/592/files/MDOSP\\_Hike\\_Map20160512.pdf](https://www.parks.ca.gov/pages/592/files/MDOSP_Hike_Map20160512.pdf).
- Lisa Wise Consulting. 2008. Morro Bay and Port San Luis Commercial Fisheries Business Plan. Accessed April 7, 2023. <https://www.portsanluis.com/DocumentCenter/View/172/Morro-Bay-and-Port-San-Luis-Commercial-Fisheries-Business-Plan>.
- Muatz, F.F. 1965. Memorandum – Summary of PG&E Visit to Properties of Luigi Marre Land and Cattle Company, Discussions with Mr. Robert Marre. pp. 35-48.
- PG&E (Pacific Gas and Electric Company). 2016. Pecho Coast Trail Enhancement Plan. pp. 4.
- \_\_\_\_\_. 2021a. Point Buchon Trail. Accessed January 24, 2022. [https://www.pge.com/en\\_US/residential/in-your-community/local-environment/diablo-canyon-trails/point-buchon-trail.page](https://www.pge.com/en_US/residential/in-your-community/local-environment/diablo-canyon-trails/point-buchon-trail.page).
- \_\_\_\_\_. 2021b. Pecho Coast Trail. Accessed January 25, 2022. [https://www.pge.com/en\\_US/residential/in-your-community/local-environment/diablo-canyon-trails/pecho-coast-trail.page](https://www.pge.com/en_US/residential/in-your-community/local-environment/diablo-canyon-trails/pecho-coast-trail.page).
- \_\_\_\_\_. 2022a. Diablo Canyon Power Plant Decommissioning Project Call with PG&E January 11, 2022 – Follow-up Questions/Data Requests. Meeting Notes & Action Items. January 11.
- \_\_\_\_\_. 2022b. PG&E email to County of San Luis Obispo regarding DCPD Trail usage. August 29.
- \_\_\_\_\_. 2022c. Transportation Impacts Analysis – Offshore. Prepared for PG&E by ERM. Rev 3. November 15. Pp. 18-26, 30-31, 35, 72, and 76 of 85.
- \_\_\_\_\_. 2023a. Point Buchon Trail Rules and Regulations. Accessed April 7, 2023. [https://www.pge.com/pge\\_global/common/pdfs/in-your-community/local-environment/diablo-canyon-trails/Point-Buchon-Rules-and-Regulations.pdf](https://www.pge.com/pge_global/common/pdfs/in-your-community/local-environment/diablo-canyon-trails/Point-Buchon-Rules-and-Regulations.pdf).
- \_\_\_\_\_. 2023b. PG&E Recreational Areas. Accessed April 7, 2023. [https://www.pge.com/en\\_US/about-pge/environment/what-we-are-doing/pge-recreational-areas/pge-recreational-areas.page](https://www.pge.com/en_US/about-pge/environment/what-we-are-doing/pge-recreational-areas/pge-recreational-areas.page).
- \_\_\_\_\_. 2023c. Excel spreadsheet “DCPD and nearby Trail Records\_03102023 calcs. March 10.
- \_\_\_\_\_. 2023d. Pecho Coast Trail Rules and Regulations. Accessed April 10. [https://www.pge.com/pge\\_global/common/pdfs/in-your-community/local-environment/diablo-canyon-trails/Pecho-Trail-Rules-and-Regulations.pdf](https://www.pge.com/pge_global/common/pdfs/in-your-community/local-environment/diablo-canyon-trails/Pecho-Trail-Rules-and-Regulations.pdf).
- Pismo Beach. 1998. City of Pismo Beach Zoning Map. Adopted by the City of Pismo Beach. July 1998.
- \_\_\_\_\_. 2014. General Plan and Local Coastal Program. Adopted by the City of Pismo Beach November 24, 1992, Amended through 2014.
- Point San Luis Lighthouse. n.d. Van Tours. Accessed April 7, 2023. <https://www.pointsanluislighthouse.org/tours>.
- Port San Luis Harbor District. 2021a. Port History. Accessed December 10, 2021. <https://www.portsanluis.com/2206/Port-History>.
- \_\_\_\_\_. 2021b. Code of Ordinances, Chapter 20 – Vehicle Restrictions, Section 20.020 (B) Time Limits. Accessed April 7, 2023. <https://www.portsanluis.com/DocumentCenter/View/48/Chapter-20-Vehicle-Restrictions-?bidId=>.
- \_\_\_\_\_. 2023a. Launch Your Boat. Accessed April 7, 2023. <https://www.portsanluis.com/2225/Launch-Your-Boat>.

- \_\_\_\_\_. 2023b. Personal Communication with Suzy Watkins and Chris Munson, Facilities Manager, Port San Luis Harbor District with Susan Strachan and Cindy Chambers of County of San Luis Obispo Department of Planning & Building. Subject: Port San Luis Operations and Access. January 25.
- \_\_\_\_\_. 2023c. Email from Chris Munson, Facilities Manager, Port San Luis Harbor District to Cindy Chambers of County of San Luis Obispo Department of Planning & Building. Subject: Re: DCPD Decommissioning – Impacts to Port Users. February 8.
- \_\_\_\_\_. 2023d. Port San Luis Harbor District RV Campsite Map & Site Detail. Accessed April 11, 2023. <https://www.portsanluis.com/2257/RV-Campsite-Map>.
- \_\_\_\_\_. n.d. Avila Pier. Accessed April 10. <https://www.portsanluis.com/2236/Avila-Pier>.
- Port San Luis SportLaunch. 2023. Facebook Profile and Hours of Operation. Accessed April 7, 2023. <https://www.facebook.com/people/Port-San-Luis-SportLaunch/100049469486317/>.
- San Luis Obispo (County of San Luis Obispo). 2006. Parks and Recreation Element of the General Plan, County of San Luis Obispo. Adopted by the San Luis Obispo County Board of Supervisors, Resolution 2006-478. December 19. p.13.
- \_\_\_\_\_. 2007. Local Coastal Program Policy Document, A Portion of the San Luis Obispo County Land Use Element of the General Plan. Adopted by the San Luis Obispo County Board of Supervisors, Resolution 88-115. Revised April 2007. Chapter 2, p. 2-1.
- \_\_\_\_\_. 2019. Local Coastal Program, Title 23 of the San Luis Obispo County Code. Adopted by the San Luis Obispo County Board of Supervisors, Ordinance 2344. Revised April 2019.
- San Luis Obispo County Parks. 2023. Email from Nick Franco of San Luis Obispo County Parks to Carrie Sisto of County of San Luis Obispo. Subject: Montana de Oro historic usage numbers. February 2.
- Santa Barbara (County of Santa Barbara). 2016. Comprehensive Plan Land Use Element. Adopted by the Santa Barbara County Board of Supervisors, Resolution No. 80-566. Amended December 2016. pp. 38-62.
- Stantec. 2022. ISFSI Technical Memorandum from Stantec to PG&E. July 14.
- Willey, Henry Ide. 1886. Report of the Surveyor-General of the State of California from August 1, 1884, to August 1, 1886. Accessed April 7, 2023. [http://www.slc.ca.gov/wp-content/uploads/2018/08/Willey\\_1884\\_1886.pdf](http://www.slc.ca.gov/wp-content/uploads/2018/08/Willey_1884_1886.pdf).

#### 4.16 Transportation

- Amtrak Pacific Surfliner. 2022. Amtrak Bus Connections. Accessed January 10, 2022. <https://www.pacificsurfliner.com/plan-your-trip/connections/bus-connections/>.
- Breeze Bus. 2022. Schedules & Maps. Accessed January 10, 2022. <http://www.breezebus.com/schedules/>.
- Caltrans (California Department of Transportation). 2020a. Highway Design Manual, Seventh Edition. Accessed June 10, 2022. <https://dot.ca.gov/programs/design/manual-highway-design-manual-hdm>.
- \_\_\_\_\_. 2020b. Vehicle Miles Traveled Focused Transportation Impact Study Guide. Accessed June 10, 2022. <https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/sb%20743/2020-05-20-approved-vmt-focused-tisg-a11y.pdf>
- \_\_\_\_\_. 2020c. Legal Truck Access. Accessed June 10, 2022. <https://dot.ca.gov/programs/traffic-operations/legal-truck-access>



- NOAA (National Oceanic and Atmospheric Administration). 2015. International Maritime Organization (IMO), Recommended Tracks, Monterey Bay National Marine Sanctuary. August 26. Accessed: January 10, 2022. [https://nmsmontereybay.blob.core.windows.net/montereybay-prod/media/materials/maps/vessel\\_lanes1\\_full.jpg](https://nmsmontereybay.blob.core.windows.net/montereybay-prod/media/materials/maps/vessel_lanes1_full.jpg).
- \_\_\_\_\_. 2019. Monterey Bay National Marine Sanctuary. Accessed January 10, 2022. <https://montereybay.noaa.gov/resourcepro/resmanissues/vessels.html>.
- OPR (Governor’s Office of Planning and Research). 2018. Technical Advisory on Evaluating Transportation Impacts in CEQA. Accessed May 27, 2022. [https://opr.ca.gov/docs/20190122-743\\_Technical\\_Advisory.pdf](https://opr.ca.gov/docs/20190122-743_Technical_Advisory.pdf).
- PG&E (Pacific Gas & Electric Company). 2011. Pacific Gas and Electric Company Central Coastal California Seismic Imaging Project, California State Lands Commission Geological/Geophysical Survey Permit Application. April 29. Attachment 2, Project Description, Section 3.17 – Marine Transportation, p. 16.
- \_\_\_\_\_. 2012. PG&E Point Buchon Ocean Bottom Seismometer Project MND, Section 3.3.16 Transportation/Traffic. March. Accessed January 10, 2022. [https://www.slc.ca.gov/wp-content/uploads/2018/09/3.3.16\\_Transportation.pdf](https://www.slc.ca.gov/wp-content/uploads/2018/09/3.3.16_Transportation.pdf).
- \_\_\_\_\_. 2021a. County of San Luis Obispo Development Plan / Coastal Development Permit and Conditional Use Permit Application Package for the Diablo Canyon Power Plant Decommissioning Project. June 30 (Amended Submittal). File: Project Description, Environmental & Alternatives Analyses (Revised). Enclosure 1, Section 2.0 – Project Description, pp. 5-6, 47, and 76 of 95.
- \_\_\_\_\_. 2021b. County of San Luis Obispo Development Plan / Coastal Development Permit and Conditional Use Permit Application Package for the Diablo Canyon Power Plant Decommissioning Project (Amended Submittal). June 30. File: Project Description, Environmental & Alternatives Analyses (Revised). Enclosure 3, Section 3.15 – Transportation, pp. 51-56 and 63-64 of 76.
- \_\_\_\_\_. 2021c. PG&E Responses to San Luis Obispo County Information Hold Letter (Dated April 28, 2021). July 26. p. 4-5 of 66.
- \_\_\_\_\_. 2021d. PG&E Letter DCL-21-072 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Responses to August 9, 2021 Information Hold Letter and September 17, 2021 Comments on Draft Responses. October 6. Enclosure 1, p. 40 of 40.
- \_\_\_\_\_. 2021e. Diablo Canyon Decommissioning DCPP Employee ZIP codes. Provided as Appendix Q in response to Data Request Set #2 (PG&E Letter DCL-21-096 December 16, 2021).
- \_\_\_\_\_. 2022a. Non-radiological Waste. Personal communication via email from Sean Flickinger, PG&E Supervisor, DCPP Decommissioning. Subject: Non-radiological waste. January 24.
- \_\_\_\_\_. 2022b. Security Exclusion Zone. Personal communication via email from Kris Vardas, PG&E Supervisor, DCPP Decommissioning. Subject: 2,000-yard exclusion zone. January 11.
- \_\_\_\_\_. 2022c. PG&E Letter DCL-22-022 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Response to Requests for Additional Information. March 31. Responses to Data Request Set #5, 6, 7, and 8.
- \_\_\_\_\_. 2022d. Transportation Impacts Analysis – Offshore. Prepared for PG&E by ERM. Rev 3. November 15. pp. 18-26, 30-31, 35, 72, and 76 of 85.

- Pismo Beach (City of Pismo Beach). 2018. City of Pismo Beach General Plan: Circulation Element. Adopted by the City of Pismo Beach, Resolution 2019-019. January 22. pp. 23-24. Accessed May 27, 2022. <http://pismo-beach.org/DocumentCenter/View/50888/Circulation-Element-June-5-2018?bidId=>.
- Port of Morrow. 2018. Columbia River Barge Terminal Rail Access Project – 2018 BUILD Application Summary. Accessed January 21, 2022. <https://www.portofmorrow.com/sites/portofmorrow.com/files/Files/build-grant/build-summary.pdf>.
- \_\_\_\_\_. 2022. Transportation. Accessed January 10, 2022. <https://www.portofmorrow.com/transportation>.
- Port of Portland. 2022a. Our Marine Facilities. Accessed January 10, 2022. <https://www.portofportland.com/marine>.
- \_\_\_\_\_. 2022b. Who We Are. Accessed January 10, 2022. <https://www.portofportland.com/About>.
- Port San Luis Harbor District. 2021. Code of Ordinances. Accessed January 10, 2022. <https://www.portsanluis.com/2153/Code-of-Ordinances>.
- Ramboll. 2022. Technical Note, Eel Grass Shading and Barge Loading. February 27.
- San Luis Obispo (County of San Luis Obispo). 1980a. Revised 2015. The Land Use and Circulation Elements of the San Luis Obispo County General Plan. Adopted by the San Luis Obispo County Board of Supervisors, Resolution 80-350. January 22. p. 5-5.
- \_\_\_\_\_. 1980b. Avila Beach Community Plan Adopted by the San Luis Obispo County Board of Supervisors, Resolution 80-350. Accessed August 2, 2022. [https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Community-Plans/Avila-Community-Plan-\(1\)/Avila-Community-Plan.pdf](https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Community-Plans/Avila-Community-Plan-(1)/Avila-Community-Plan.pdf)
- \_\_\_\_\_. 1988. Revised 2018. Framework for Coastal Planning Zone (Inland). Accessed May 27, 2022. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Framework-for-Planning-Coastal-Zone.pdf>.
- \_\_\_\_\_. 2007. County of San Luis Obispo Coastal Plan Policies. Certified by the California Coastal Commission February 25, 1988. Revised April 2007. Accessed September 12, 2022. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements.aspx>.
- SLO RTA (San Luis Obispo Regional Transit Authority). 2022a. Services. Accessed January 10, 2022. <https://www.slorta.org/services/>.
- \_\_\_\_\_. 2022b. Avila-Pismo Beach Trolley Schedule. Accessed January 10, 2022. <https://www.slorta.org/schedules-fares/avila-trolley/>.
- Santa Barbara (County of Santa Barbara). 1980. Republished 2014. Santa Barbara County Comprehensive Plan Circulation Element. Adopted by the Santa Barbara County Board of Supervisors, Resolution 80-566. p. 6. Accessed May 27, 2022. <https://cosantabarbara.app.box.com/s/z9h6t9g0y1fnsqc3bb27xw4r344y5lxo>.
- \_\_\_\_\_. 2017. County of Santa Barbara Code of Ordinances. Chapter 23, Article I, Sec. 23-13-11. Prohibiting the use of highways by certain vehicles. Accessed January 18, 2022. [https://library.municode.com/ca/santa\\_barbara\\_county/codes/code\\_of\\_ordinances?nodeId=CH23MOVETR\\_ARTIINGE\\_S23-13.11PRUSHICEVE](https://library.municode.com/ca/santa_barbara_county/codes/code_of_ordinances?nodeId=CH23MOVETR_ARTIINGE_S23-13.11PRUSHICEVE).
- Santa Maria (City of Santa Maria). 1994. Amended 2011. Circulation Element Santa Maria General Plan. Adopted by the City of Santa Maria City Council, Resolution 94-8. January 22. p. C-2. Accessed

- May 27, 2022. <https://www.cityofsantamaria.org/home/showpublisheddocument/608/635488452779070000>.
- \_\_\_\_\_. 2022. Santa Maria Regional Transit. Accessed January 10, 2022. <https://www.cityofsantamaria.org/city-government/departments/public-works-services/public-transit-services-2531>.
- SBCAG (Santa Barbara County Association of Governments). 2021. Connected 2050. Accessed May 27, 2022. [http://www.sbcag.org/uploads/2/4/5/4/24540302/connected\\_2050\\_final.pdf](http://www.sbcag.org/uploads/2/4/5/4/24540302/connected_2050_final.pdf).
- SLOCOG (San Luis Obispo Council of Governments). 2022. 2023 Regional Transportation Plan (RTP). Accessed May 27, 2022. <https://slocog.org/programs/regional-planning/2023-rtp#:~:text=The%20San%20Luis%20Obispo%20Council,of%20a%20region's%20transportation%20system>.
- SMOOTH (Santa Maria Organization of Transportation Helpers). 2022. Guadalupe Flyer. Accessed January 10, 2022. <https://www.smoothinc.org/guadalupe-flyer.php>.
- Stantec. 2022. ISFSI Technical Memorandum from Stantec to PG&E. July 14.
- State of California. 1959. California Vehicle Code. Division 2, Chapter 2, Article 3. Powers and Duties. Accessed May 27, 2022. [https://leginfo.legislature.ca.gov/faces/codes\\_displayText.xhtml?lawCode=VEH&division=3.&title=&part=&chapter=2.&article=3](https://leginfo.legislature.ca.gov/faces/codes_displayText.xhtml?lawCode=VEH&division=3.&title=&part=&chapter=2.&article=3).
- \_\_\_\_\_. 1991. California Code of Regulations. Title 22, Division 4.5, Chapter 13. Standards Applicable to Transporters of Hazardous Waste. Accessed May 27, 2022. [https://govt.westlaw.com/calregs/Browse/Home/California/CaliforniaCodeofRegulationC?guid=IB3339000D4BA11DE8879F88E8B0DAAAE&originationContext=documenttoc&trtransitionTy=Default&contextData=\(sc.Default\)](https://govt.westlaw.com/calregs/Browse/Home/California/CaliforniaCodeofRegulationC?guid=IB3339000D4BA11DE8879F88E8B0DAAAE&originationContext=documenttoc&trtransitionTy=Default&contextData=(sc.Default)).
- \_\_\_\_\_. 2013. California Public Resources Code. Division 13, Chapter 2.7. Modernization of Transportation Analysis for Transit-Oriented Infill Projects. Accessed May 27, 2022. [https://leginfo.legislature.ca.gov/faces/codes\\_displayText.xhtml?lawCode=PRC&division=13.&title=&part=&chapter=2.7.&article=](https://leginfo.legislature.ca.gov/faces/codes_displayText.xhtml?lawCode=PRC&division=13.&title=&part=&chapter=2.7.&article=).
- United States Census Bureau. 2021. OnTheMap Census Data. Accessed January 12, 2022. <https://onthemap.ces.census.gov/>.
- USACE (US Army Corps of Engineers). 2022. Building Strong at the Columbia and Lower Willamette Rivers Project. Accessed January 10, 2022. <https://www.nwp.usace.army.mil/Missions/Navigation/Channels/Columbia-L-Willamette/#:~:text=The%20600-ft%20wide%2C%2043-ft%20deep%20navigation%20channel%20in,the%20lower%2011.6%20miles%20of%20the%20Willamette%20River>.
- USCG and USDOT (US Coast Guard and US Department of Transportation). 2002. Security Zone; Waters Adjacent to Diablo Canyon Nuclear Power Plant, Avila Beach, CA. December 18. Accessed January 12, 2022. <https://www.federalregister.gov/documents/2002/12/18/02-31767/security-zone-waters-adjacent-to-diablo-canyon-nuclear-power-plant-avila-beach-ca>.

#### 4.17 Wildfire

- Alterman, I., McMullen, R., Cluff, Lloyd, and Slemmons, D. 1994. Seismotectonics of the Central California Coast Ranges. Special Paper, Issue 292. p. 113.
- CAL FIRE (California Department of Forestry and Fire Protection). 2007. Fire Hazard Severity Zones Maps. Accessed January 24, 2022. <https://osfm.fire.ca.gov/divisions/community-wildfire-preparedness-and-mitigation/wildland-hazards-building-codes/fire-hazard-severity-zones-maps/>.

- \_\_\_\_\_. 2021. 2011-2021 Incident Archive. Accessed December 21, 2021. <https://www.fire.ca.gov/incidents/2021/>.
- \_\_\_\_\_. 2022a. Fire Hazard Severity Zones. Accessed May 2, 2022. <https://osfm.fire.ca.gov/divisions/community-wildfire-preparedness-and-mitigation/wildfire-preparedness/fire-hazard-severity-zones/>.
- \_\_\_\_\_. 2022b. FHSZ Viewer. Accessed January 4, 2022. <https://egis.fire.ca.gov/FHSZ/>.
- CAL FIRE/San Luis Obispo County Fire. 2012. Service Level Analysis for CAL FIRE/San Luis Obispo County Fire, Consolidated Fire Protection Strategic Plan. pp. 8, 78, 131.
- Langridge, Ruth. (University of California, Santa Cruz). 2018. Central Coast Summary Report. California's Fourth Climate Change Assessment. Publication number: SUM-CCCA4-2018-006. Accessed December 21, 2021. [https://www.energy.ca.gov/sites/default/files/2019-11/Reg\\_Report-SUM-CCCA4-2018-006\\_CentralCoast\\_ADA.pdf](https://www.energy.ca.gov/sites/default/files/2019-11/Reg_Report-SUM-CCCA4-2018-006_CentralCoast_ADA.pdf).
- PG&E (Pacific Gas and Electric Company). 2021a. PG&E Letter DCL-21-079 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Responses to August 25, 2021 Request for Additional Information, Data Request Set #1. October 26.
- \_\_\_\_\_. 2021b. PG&E Responses to San Luis Obispo County, Information Hold Letter (Dated April 28, 2021). July 26.
- \_\_\_\_\_. 2021c. PG&E Letter DCL-21-096 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Responses to November 12, 2021 Request for Additional Information, Data Request Set #2. December 16.
- \_\_\_\_\_. 2021d. Transportation Impacts Analysis – Alternate Loading at Santa Maria, CA. Prepared for PG&E by ERM. Rev 0. June 14. Included as Appendix Q in the June 30, 2021 Application Package to the County of San Luis Obispo. Table 6.3-3. p. 30 of 60.
- \_\_\_\_\_. 2022. PG&E Letter DCL-22-022 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Response to Requests for Additional Information. March 31. Responses to Data Request Set #5, 6, 7, and 8.
- Pismo Beach. 2014. City of Pismo Beach General Plan and Local Coastal Program. April. Accessed December 20, 2021. <https://pismo beach.org/DocumentCenter/View/247/01-General-Plan-?bidId=>.
- San Luis Obispo (County of San Luis Obispo). 1999. San Luis Obispo County General Plan, Safety Element. Accessed December 20, 2021. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Elements/Safety-Element.pdf>.
- \_\_\_\_\_. 2019. Community Wildfire Protection Plan. Accessed November 3, 2022. <https://www.slocounty.ca.gov/Departments/County-Fire-Department/Publications/Community-Wildfire-Protection-Plan.pdf>.
- \_\_\_\_\_. 2021. Avila Community Plan, Public Review Draft. April. Accessed December 21, 2021. [https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Community-Plans/Avila-Community-Plan-\(1\)/Avila-Community-Plan-Public-Review-Draft\\_.pdf](https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Plans-and-Elements/Community-Plans/Avila-Community-Plan-(1)/Avila-Community-Plan-Public-Review-Draft_.pdf).

- \_\_\_\_\_. 2022. Diablo Canyon Decommissioning Project, Meeting with County Fire/CAL FIRE, Meeting Notes – March 22, 2022; 9:00 – 10:00 a.m.
- San Luis Obispo County Fire Department. 2020. SRA Fire Safe Regulations. January 1. Accessed August 2, 2022. <https://calfireslo.org/wp-content/uploads/2020/05/SRA-Fire-Safe-Regulations-2020.pdf>.
- \_\_\_\_\_. 2022. Fire Stations. Accessed January 3, 2022. <https://calfireslo.org/fire-stations/>.
- Santa Barbara (County of Santa Barbara). 2015. Comprehensive Plan, Seismic Safety and Safety Element. Accessed January 31, 2023. <https://cosantabarbara.app.box.com/s/5hcgkw8xelm0n60ctyu62a7if1lhxfi>.
- SBCFD (Santa Barbara County Fire Department). 2022a. Air and Wildland. Accessed January 3, 2022. <https://www.sbcfire.com/air-and-wildland>.
- \_\_\_\_\_. 2022b. County Fire Stations. Accessed January 3, 2022. <https://www.sbcfire.com/links/2417-county-fire-departments>.
- \_\_\_\_\_. 2022c. 2022 Unit Strategic Fire Plan. Accessed January 31, 2023. <https://osfm.fire.ca.gov/media/5qunl5nf/2022-santa-barbara-county-unit-fire-plan.pdf>
- Weather Atlas. 2021a. Monthly weather forecast and climate, Avila Beach, CA. Accessed December 21, 2021. <https://www.weather-us.com/en/california-usa/avila-beach-climate#temperature>.
- \_\_\_\_\_. 2021b. Monthly weather forecast and climate, Santa Maria, CA. Accessed December 21, 2021. <https://www.weather-us.com/en/california-usa/santa-maria-climate#temperature>.

## 5. Alternatives Analysis (Phases 1 and 2)

- Burger, Warren Earl. 1978. *Duke Power Co. v. Carolina Environmental Study Group*, 438 U.S. 59 (1978). pp. 83 and 98. Accessed January 12, 2023.
- CCC (California Coastal Commission). 2004. Revised Findings Coastal Development Permit A-3-SLO-04-035, Geologic Hazards Findings. December 16. Accessed July 22, 2022. <https://documents.coastal.ca.gov/reports/2005/1/W5a-1-2005.pdf>.
- CDWR (California Department of Water Resources). 2021. SGMA Basin Prioritization Dashboard, Groundwater Basins. Accessed November 12, 2021. <https://sbcblueprint.databasin.org/datasets/d96913d17177454db23244f1f2cb4a28/>.
- Cornell Law School. 2018. N.Y. Comp. Codes R. & Regs. Tit. 6 § 380-5.1 – Dose limits for individual members of the public. Accessed January 18, 2023. <https://www.law.cornell.edu/regulations/new-york/6-NYCRR-380-5.1>.
- \_\_\_\_\_. 2023. 42 U.S. Code § 2210 – Indemnification and limitation of liability. pp. 1076. Accessed on January 17, 2023. <https://www.law.cornell.edu/uscode/text/42/2210>.
- CSLC (California State Lands Commission). 2016. Fully Executed Lease PRC 9347.1. Letter from California State Lands Commission signed by Jannalisa Toy to Pacific Gas & Electric Company, Subject: General Lease – Industrial Use, for the Continued Use and Maintenance of a cooling water discharge channel, water intake structure, breakwaters, boat dock, storage facility, office facilities, intake electrical room, intake maintenance shop, equipment storage pad, and spare tri-bar storage associated with the Diablo Canyon Nuclear Power Plant, adjacent to Diablo Canyon Power Plant, near Avila Beach, San Luis Obispo County. Approved June 28, 2016.

- Dibblee, T. W., Jr., and Minch, J.A. 2006a. Geologic Map of the Port San Luis quadrangle, San Luis Obispo County, California. Dibblee Geological Foundation, Dibblee Geology Center Map #DF-213, scale 1:24,000.
- ERM. 2022. DCPP Firing Range Grading Alternatives – Rev 4 Memo dated 25 August 2022 submitted via email from Gregory Wheeler, Partner of ERM. August 26.
- \_\_\_\_\_. 2023. Technical Memorandum to Susan Strachan, County of San Luis Obispo, from Greg Wheeler and Crystahl Taylor of ERM. Subject: Permit Vesting Recommendations. May 9.
- FindLaw.com. 2018. 42 U.S.C. § 2014 - U.S. Code - Unannotated Title 42. The Public Health and Welfare § 2014. Definitions. pp. 891-892. Accessed January 12, 2023. <https://codes.findlaw.com/us/title-42-the-public-health-and-welfare/42-usc-sect-2014.html>.
- Harding, Lawson Associates. 1996. Revised Report: Liquefaction Evaluation Proposed ASW Bypass, Diablo Canyon Power Plant, San Luis Obispo County, California. August 23. pp. 1-6.
- Justia.com. 2023a. Johnston v. United States, 597 F. Supp. 374 (D. Kan. 1984). pp. 388-389 (discussion of relative harmlessness of background radiation). pp. 388-389. Accessed January 13, 2023. <https://law.justia.com/cases/federal/district-courts/FSupp/597/374/1437509/>.
- \_\_\_\_\_. 2023b. 2011 US Code Title 42 – The Public Health and Welfare Chapter 23 – Development and Control of Atomic Energy (§§2011 - 2297h-13) Division B - United States Enrichment Corporation (§§ 2297 - 2297h-13) Subchapter VIII - UNITED STATES ENRICHMENT CORPORATION PRIVATIZATION (§§ 2297h - 2297h-13) Section 2297h-13 - Application of certain laws. pp. 93-703. Accessed January 12, 2023. <https://law.justia.com/codes/us/2011/title-42/chapter-23/division-b/subchapter-viii/section-2297h-13/>.
- \_\_\_\_\_. 2023c. PG&E v. State Energy Commission, 461 U.S. 190 (1983). pp 190, 206-207. Accessed January 13, 2023. <https://supreme.justia.com/cases/federal/us/461/190/>.
- Maine State Legislature. 1998. Final Report of the Joint Select Committee to Oversee Main Yankee Atomic Power Company. Accessed June 28, 2022. [http://lfdc.mainelegislature.org/Open/Rpts/kf2138\\_z99m245\\_1998.pdf](http://lfdc.mainelegislature.org/Open/Rpts/kf2138_z99m245_1998.pdf).
- \_\_\_\_\_. 2000. Legislative Document No, 2496 An Act to Clarify the Authority of State Environmental and Public Health Officials to Monitor and Regulate Nuclear Power Plant Decommissioning, Site Cleanup and Restoration Activities.
- Massachusetts Department of Public Health. 2022. 105 CMR 120.221: Dose Limits for Individual Members of the Public. pp. 153. <https://www.mass.gov/doc/105-cmr-120-the-control-of-radiation-0/download>.
- NMFS (National Marine Fisheries Service). 2021. Caulerpa Control Protocol (Version 5 – October 20, 2021).
- NOAA (National Oceanic and Atmospheric Administration). 2014. California Eelgrass Mitigation Policy and Implementing Guidelines. October.
- NRC (United States Nuclear Regulatory Commission). 1996. Strategic Assessment Issue; 24, Decommissioning – Power Reactors. Accessed January 11, 2023. <https://www.nrc.gov/docs/ML1729/ML17296B111.pdf>.
- \_\_\_\_\_. 1997a. Federal Register Vol. 62. No. 139 Radiological Criteria for License Termination. July 21. pp. 39058-39092, 39063-39064. Accessed January 10, 2023. <https://www.govinfo.gov/content/pkg/FR-1997-07-21/pdf/97-17752.pdf>.

- \_\_\_\_\_. 1997b. NUREG-1496, Generic Environmental Impact Statement in Support of Rulemaking on Radiological Criteria for License Termination of NRC-Licensed Nuclear Facilities (Volume 1 Section 6). July. Accessed January 11, 2023. <https://www.nrc.gov/docs/ML0423/ML042310492.pdf>.
- \_\_\_\_\_. 2000a. NUREG-1628, Staff Responses to Frequently Asked Questions Concerning Decommissioning of Nuclear Power Plants. June. pp. 37-41. Accessed January 11, 2023. <https://www.nrc.gov/docs/ML0037/ML003726190.pdf>.
- \_\_\_\_\_. 2000b. NUREG-1575, Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM) (Revision 1). August. Accessed January 10, 2023. <https://www.nrc.gov/docs/ML0037/ML003761454.pdf>.
- \_\_\_\_\_. 2002. NUREG-0586, Final Generic Environmental Impact Statement on Decommissioning of Nuclear Facilities. Supplement 1 Regarding the Decommissioning of Nuclear Power Reactors (Volume 1) Main Report. November. pp. 2-5. Accessed January 10, 2023. <https://www.nrc.gov/docs/ML0234/ML023470304.pdf>.
- \_\_\_\_\_. 2018. Personal communication via email from the NRC, to Dan A. Tallman of Rancho Seco Assets. Subject: Termination of Rancho Seco Nuclear Generating Station Operating License DPR-54. August 31.
- \_\_\_\_\_. 2019a. Diablo Canyon Power Plant, Units 1 and 2 irradiated Fuel Management Plan, Adams Accension No. ML19338F260. <https://www.nrc.gov/docs/ML1933/ML19338F260.pdf>.
- \_\_\_\_\_. 2019b. Diablo Canyon Power Plant, Units 1 and 2 –Site-Specific Decommissioning Cost Estimate, Adams Accension No. ML19338F260. <https://www.nrc.gov/docs/ML1934/ML19345D344.pdf>.
- \_\_\_\_\_. 2020a. NUREG/CR-7267, Default Parameter Values and Distribution in RESRAD-ONSITE V7.2, RESRAD-BUILD V3.5, and RESRAD-OFFSITE V4.0 Computer Codes. September. Assumptions listed on page 4-1 and 4-5 through 4-11. Accessed July 25, 2022. [https://resrad.evs.anl.gov/docs/Parameter\\_NUREG-CR-7267.pdf](https://resrad.evs.anl.gov/docs/Parameter_NUREG-CR-7267.pdf).
- \_\_\_\_\_. 2020b. Personal communication via email from RA Siva P. Lingam for Balwant K. Singal, Senior Project Manager Plant Licensing Branch IV, Division of Operating Reactor Licensing, Office of Nuclear Reactor Regulation to James M. Welsch, Senior Vice President, Generation and Chief Nuclear Officer, PG&E. Subject: DIABLO CANYON NUCLEAR POWER PLANT, UNITS 1 AND 2 – REQUEST FOR WITHHOLDING INFORMATION FROM PUBLIC DISCLOSURE. (Adams Accension No. ML19345D345).
- \_\_\_\_\_. 2021a. Quality Factor. March 09. Accessed June 29, 2022. <https://www.nrc.gov/reading-rm/basic-ref/glossary/quality-factor.html>.
- \_\_\_\_\_. 2021b. § 20.1003 Definitions. Accessed January 13, 2023. <https://www.nrc.gov/reading-rm/doc-collections/cfr/part020/part020-1003.html>.
- \_\_\_\_\_. 2021c. § 50.82 Termination of License. Accessed on January 17, 2023. <https://www.nrc.gov/reading-rm/doc-collections/cfr/part050/part050-0082.html>.
- \_\_\_\_\_. 2022a. Pacific Gas and Electric Company; Diablo Canyon Nuclear Power Plant, Units 1 and 2; Post-Shutdown Decommissioning Activities Report. Accessed January 12, 2023. <https://www.govinfo.gov/content/pkg/FR-2022-06-23/pdf/2022-13406.pdf>.
- \_\_\_\_\_. 2022b. Part 72—Licensing Requirements for the Independent Storage of Spent Nuclear Fuel High-Level Radioactive Waste, and Reactor-Related Greater Than Class C Waste. Accessed January 17, 2023. <https://www.nrc.gov/reading-rm/doc-collections/cfr/part072/full-text.html>.

- \_\_\_\_\_. 2022c. Doses in Our Daily Lives. Accessed January 18, 2023. <https://www.nrc.gov/about-nrc/radiation/around-us/doses-daily-lives.html>.
- \_\_\_\_\_. n.d. NRC Safety Evaluation Related to Final Status Surveys for Caisson Survey Units NOL01-09/ NOL01-09-FSR; Facility Operating License No. DPR-7; Docket No. 50-133 at pages 4, 6, 8, and 12.
- NRC and USEPA (Nuclear Regulatory Commission and US Environmental Protection Agency). 2002. Memorandum of Understanding between the Environmental Protection Agency and the Nuclear Regulatory Commission, Consultation and Finality on Decommissioning and Decontamination of Contaminated Sites. September 30. Accessed January 20, 2023. <https://www.nrc.gov/reading-rm/doc-collections/news/2002/mou2fin.pdf>.
- PG&E (Pacific Gas & Electric Company). 2015. Diablo Canyon Power Plant Units 1 and 2 Flood Hazard Reevaluation Report. March. pp. 3-12. Enclosure 1 to PG&E Letter DCL-15-034 to the US Nuclear Regulatory Commission. Accessed July 27, 2022. [https://www.pge.com/includes/docs/pdfs/safety/systemworks/dcpp/FloodingHazard\\_Re-evaluationReport.pdf](https://www.pge.com/includes/docs/pdfs/safety/systemworks/dcpp/FloodingHazard_Re-evaluationReport.pdf).
- \_\_\_\_\_. 2020a. Preliminary Erosion and Sediment Control Plan - Diablo Canyon Power Plant. Prepared by ERM-West, Inc. September. pp. 4-6. Provided as Appendix B to the March 2021 Permit Application Package to the County of San Luis Obispo.
- \_\_\_\_\_. 2020b. Transportation Risks Associated with the Decommissioning of Nuclear Power Plants: Methodology and Application to Diablo Canyon Power Plant. Report GIRS 2020 – 2/L. Prepared under A Collaborative Research and Development Agreement Between The B. John Garrick Institute for the Risk Sciences at UCLA and Pacific Gas & Electric Company. May 27.
- \_\_\_\_\_. 2021a. County of San Luis Obispo Development Plan / Coastal Development Permit and Conditional Use Permit Application Package for the Diablo Canyon Power Plant Decommissioning Project. March 26. Appendix C: Conceptual Intake and Discharge Structure Demolition Plan (PDF p. 80 – Intake Structure Demolition – Option 1) and Appendix E: Hydrographic Survey Report – Diablo Canyon Power Plant.
- \_\_\_\_\_. 2021b. County of San Luis Obispo Development Plan / Coastal Development Permit and Conditional Use Permit Application Package for the Diablo Canyon Power Plant Decommissioning Project (Amended Submittal). June 30. Files: Project Description, Environmental & Alternatives Analyses (Revised); Appendix J: Marine Biological Resources Assessment (Rev 1), Marine Habitat Restoration and Monitoring Plan (Rev 0), and Marine Wildlife Contingency Plan (Rev 0).
- \_\_\_\_\_. 2021c. PG&E Letter DCL-21-096 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Responses to November 12, 2021 Request for Additional Information, Data Request Set 2. December 16.
- \_\_\_\_\_. 2021d. Diablo Canyon Decommissioning Addendum 3 – Noise Assessment Report. Included as part of Appendix Q to the June 30, 2021 Application Package to the County of San Luis Obispo. Noise Tables 5.2.1.3.1-2 and 5.2.1.4.1-3, pp. 11-13; Table 5.3.7-1, pp. 17-18; Appendix 1 – Ambient Sound Level Measurement Location Figures.
- \_\_\_\_\_. 2021e. Pacific Gas and Electric Company 2021 Nuclear Decommissioning Cost Triennial Proceeding Prepared Testimony, Volume 1 of 3 (Public Version). December 14. p. 6-24. Case: Nuclear Decom Cost Tri 2021; Case Number: A.21-12-007. Accessed January 6, 2023. <https://pgera.azureweb sites.net/Regulation/NewSearchResults>.
- \_\_\_\_\_. 2021f. PG&E Letter DCL-21-073 to NRC commissioners and staff, from Maureen R. Zawalick, Vice President of Generation Business and Technical Services. Subject: Notification of Changes to Post-



- Shutdown Decommissioning Activities Report, Site-Specific Decommissioning Cost Estimate, and Irradiated Fuel Management Plan for Diablo Canyon Power Plant, Units 1 and 2. Sent October 19.
- \_\_\_\_\_. 2022a. Email from Michael Wagoner, Nuclear Licensing and Permitting Supervisor, of PG&E to Susan Strachan (San Luis Obispo County) and Kris Vardas (PG&E) Subject: RE: Data Request Set 3 – Dec 21, 2021 Meeting Summary. January 6.
- \_\_\_\_\_. 2022b. PG&E Letter DCL-22-022 to Susan Strachan, County of San Luis Obispo Department of Planning and Building, from Thomas P. Jones, Director of Strategic Initiatives, PG&E. Subject: DRC2021-00092 – Diablo Canyon Power Plant Decommissioning: Response to Requests for Additional Information. March 31. Responses to Data Request Set #5, 6, 7, and 8.
- \_\_\_\_\_. 2022c. DCPD Decommissioning Discharge Structure Options Analysis: Net Environmental Benefit Analysis. February 23.
- \_\_\_\_\_. 2022d. Technical Memorandum from ERM to PG&E. Subject: Emission Calculation Updates, Diablo Canyon Power Plant (DCPP). March 4. Provided as Enclosure 1, Attachment A – AQIA Tech Memo, to PG&E Letter DCL-22-022, Responses to Data Request Set #5, 6, 7, and 8, dated March 31, 2022. Tables 5 and 6, Scenario 1, pp. 7-8.
- \_\_\_\_\_. 2022e. PG&E Health Risk Assessment Calculation Updates. Technical Memorandum from ERM to PG&E. April 13.
- \_\_\_\_\_. 2022f. Discharge Demolition Anchoring Plan. Prepared for PG&E by ERM and Argonautics Marine Engineering, Inc. Revision 3. April 5. Provided as Appendix 4 to the Discharge Structure 30% Design Plans.
- \_\_\_\_\_. 2022g. Diablo Canyon Decommissioning Turbidity Monitoring Plan. Prepared for PG&E by Ramboll and ERM. Contract Number 3501282933. Revision 1. May 9. Provided as Appendix 5 to the Discharge Structure 30% Design Plans.
- \_\_\_\_\_. 2022h. Oil Spill Response Plan. Prepared for PG&E by ERM. Revision 0. July 7. Provided as Appendix 8 to the Discharge Structure 30% Design Plans.
- \_\_\_\_\_. 2022i. Diablo Canyon Decommissioning Underwater Noise Impact Assessment – Construction Noise. Prepared by ERM. Contract Number 3501226918. Rev. 2. 5/23/22 – minor revision 7/14/22 (revision number not updated).
- \_\_\_\_\_. 2022j. Grading Plans, Rev. 4, Grading Plan Sheet G-02 (Limits of Disturbance). August 9.
- \_\_\_\_\_. 2022k. Health Risk Assessment Calculation Updates, Diablo Canyon Power Plant (DCPP). Technical Memorandum from ERM to PG&E. April 13.
- San Luis Obispo (County of San Luis Obispo). 2016. Tsunami Emergency Response Plan. San Luis Obispo County Office of Emergency Services. Revised April 2016. p. 10. Accessed July 27, 2022. <https://www.slocounty.ca.gov/Departments/Administrative-Office/Emergency-Management/Forms-Documents/General-Emergency-Plans/Tsunami-Response-Plan.pdf>.
- \_\_\_\_\_. 2021. Data Request #3 Meeting Summary. December 21.
- \_\_\_\_\_. 2023. Diablo Canyon Power Plant Continued Operations. Accessed April 28, 2023. <https://www.slocounty.ca.gov/Departments/Administrative-Office/Countywide-Projects-Programs/Diablo-Canyon-Power-Plant-Continued-Operations.aspx>.
- Santa Maria. 2022. Santa Maria, Municipal Code, Title 5 – Health and Sanitation, Chapter 5-5: Noise Regulations. Accessed August 11, 2022. [https://library.qcode.us/lib/santa\\_maria\\_ca/pub/municipal\\_code/item/title\\_5-chapter\\_5\\_5?view=all#title\\_5-chapter\\_5\\_5-section\\_5\\_5\\_04022](https://library.qcode.us/lib/santa_maria_ca/pub/municipal_code/item/title_5-chapter_5_5?view=all#title_5-chapter_5_5-section_5_5_04022).

USEPA (U.S. Environmental Protection Agency). 2000. Statement on NRC Draft Policy Statement on the Application of 10 CFR 20 Subpart E to West Valley Site.

\_\_\_\_\_. 2021. US EPA Superfund Radiation Risk Assessment Calculator Training. Accessed August 15, 2022. <https://semspub.epa.gov/work/HQ/100002855.pdf>.

\_\_\_\_\_. 2022. Radiation Terms and Units. Accessed June 29, 2022. <https://www.epa.gov/radiation/radiation-terms-and-units>. USGS (US Geological Survey). 1995. Groundwater Atlas of the United States, Segment 1, California Nevada. Hydrologic Investigations Atlas 730-B. pp. B4, B21, B24.

USGS (US Geological Survey). 1995. Groundwater Atlas of the United States, Segment 1, California Nevada. Hydrologic Investigations Atlas 730-B. pp. B4, B21, B24.

## 6. Other Required CEQA Sections (Phases 1 and 2)

USGS (US Geological Survey). 2022. Mineral Resources Data System. Accessed April 12, 2022. <https://mrdata.usgs.gov/mrds/map-graded.html#home>.

## 7. Other Considerations (Phases 1 and 2)

9th Circuit (US Court of Appeals for the 9th Circuit). 2006. San Luis Obispo Mothers for Peace, et. al v. Nuclear Regulatory Commission [449 F.3d 1016]. Accessed April 26, 2022. <https://law.justia.com/cases/federal/appellate-courts/ca9/03-74628/0374628-2011-02-25.html>

Bedsworth, L., D. Cayan, G. Franco, L. Fisher, and S. Ziaja (California Governor's Office of Planning and Research, Scripps Institution of Oceanography, California Energy Commission, California Public Utilities Commission). 2018. Statewide Summary Report. California's Fourth Climate Change Assessment. Publication number: SUM-CCCA4-2018-013.

CalEnviroScreen. 2021. CalEnviroScreen 4.0. Accessed November 2021. <https://oehha.ca.gov/calenviro-screen/report/calenviroscreen-40>.

California Legislative Information. 2015. Senate Bill 379, Land Use: General Plan: Safety Element 2015-2016. October 8, 2015. Accessed April 5, 2022. [https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201520160SB379](https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201520160SB379).

CARB (California Air Resources Board). 2021. California Greenhouse Gas Emissions for 2000 to 2019 Trends of Emissions and Other Indicators. July 28. p. 4. Accessed June 2022. [https://ww2.arb.ca.gov/sites/default/files/classic/cc/inventory/2000\\_2019\\_ghg\\_inventory\\_trends\\_20220516.pdf](https://ww2.arb.ca.gov/sites/default/files/classic/cc/inventory/2000_2019_ghg_inventory_trends_20220516.pdf)

CCC (California Coastal Commission). 2018. California Coastal Commission Sea Level Rise Policy Guidance: Interpretive Guidelines for Addressing Sea Level Rise in Local Coastal Programs and Coastal Development Permits. p. 299. November. Accessed June 2022. [https://documents.coastal.ca.gov/assets/slr/guidance/2018/0\\_Full\\_2018AdoptedSLRGuidanceUpdate.pdf](https://documents.coastal.ca.gov/assets/slr/guidance/2018/0_Full_2018AdoptedSLRGuidanceUpdate.pdf).

\_\_\_\_\_. 2019. California Coastal Commission Environmental Justice Policy. Adopted March 8. Accessed January 2023. [https://documents.coastal.ca.gov/assets/env-justice/CCC\\_EJ\\_Policy\\_FINAL.pdf](https://documents.coastal.ca.gov/assets/env-justice/CCC_EJ_Policy_FINAL.pdf).

CDFW (California Department of Fish and Wildlife). 2022. California Nearshore Fishing Block Charts. Accessed January 15, 2022. <https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=84551&inline>.

CEC (California Energy Commission). 2021. 2021 SB 100 Joint Agency Report, Achieving 100 Percent Clean Electricity in California: An Initial Assessment. Publication Number CEC-200-2021-001. March 2021. pp. 5-15. Accessed March 31, 2022. <https://efiling.energy.ca.gov/EFiling/GetFile.aspx?tn=237167&DocumentContentId=70349>.

- Cornell Law School. 2010. 49 CFR section 172.802 – Components of a security plan. March 9. Accessed July 12, 2022. <https://www.law.cornell.edu/cfr/text/49/172.802>.
- CSLC (California State Lands Commission). 1975. Inventory of Unconveyed State School Lands and Tide and Submerged Lands Possessing Significant Environmental Values. Accessed January 31, 2022. <https://www.slc.ca.gov/wp-content/uploads/2018/11/1975-InvUnconveyedLands.pdf>. p. 67 of 155.
- \_\_\_\_\_. 2021. Agency web page, Environmental Justice Policy and Implementation Plan. Accessed March 1, 2021. <https://www.slc.ca.gov/envirojustice/>.
- \_\_\_\_\_. 2022. Significant Lands Viewer. Accessed January 31, 2022. <https://cslc.maps.arcgis.com/apps/webappviewer/index.html?id=9fc1561e38b24aec8a1eed298a635c9d>.
- Geos Institute and Local Government Commission. 2010. Integrated Climate Change Adaptation Planning in San Luis Obispo County. November. pp. 27-29. Accessed April 2022. <https://www.slocounty.ca.gov/Departments/Planning-Building/Forms-Documents/Energy-and-Climate-Reports/Climate%e2%80%a9-Change-%e2%80%a9Adaptation%e2%80%a9-Planning-Report.pdf>
- IPCC (Intergovernmental Panel on Climate Change). 2021. AR6 Climate Change 2021: The Physical Science Basis. Sixth Assessment Report. August 7. Accessed October 13, 2021. [https://www.ipcc.ch/report/ar6/wg1/downloads/report/IPCC\\_AR6\\_WGI\\_Full\\_Report.pdf](https://www.ipcc.ch/report/ar6/wg1/downloads/report/IPCC_AR6_WGI_Full_Report.pdf).
- NOAA (National Oceanic and Atmospheric Administration). 2021. Tides and Currents. 9412110, Port San Luis, CA. Accessed November 16, 2021. [https://tidesandcurrents.noaa.gov/sltrends/sltrends\\_station.shtml?id=9412110](https://tidesandcurrents.noaa.gov/sltrends/sltrends_station.shtml?id=9412110).
- NRC (Nuclear Regulatory Commission). 2002. Generic Environmental Impact Statement on Decommissioning of Nuclear Facilities, Supplement 1, Regarding the Decommissioning of Nuclear Power Reactors, Main Report, Appendices A through M, Final Report. Accessed April 29, 2022. <https://www.nrc.gov/docs/ML0234/ML023470304.pdf>.
- \_\_\_\_\_. 2014. Generic Environmental Impact Statement for Continued Storage of Spent Nuclear Fuel, Final Report. Accessed April 29, 2022. <https://www.nrc.gov/docs/ML1419/ML14196A105.pdf>.
- \_\_\_\_\_. 2020a. Domestic Safeguards. Accessed June 15, 2022. <https://www.nrc.gov/security/domestic.html>.
- \_\_\_\_\_. 2020b. Information Security. Accessed June 15, 2022. <https://www.nrc.gov/security/info-security.html>.
- \_\_\_\_\_. 2020c. Cybersecurity. Accessed June 15, 2022. <https://www.nrc.gov/security/cybersecurity.html>.
- \_\_\_\_\_. 2020d. Radioactive Material Security. Accessed June 15, 2022. <https://www.nrc.gov/security/byproduct.html>.
- \_\_\_\_\_. 2021a. History. Accessed April 29, 2022. <https://www.nrc.gov/about-nrc/history.html>.
- \_\_\_\_\_. 2021b. Nuclear Security and Safeguards. Accessed June 15, 2022. <https://www.nrc.gov/security.html>
- \_\_\_\_\_. 2022. Required Reporting for Clearance Holders. Accessed June 15, 2022. <https://www.nrc.gov/security/required-reporting-for-clearance-holders.html>.
- OEHHA (Office of Environmental Health Hazard Assessment). 2021. "CES 4.0 Final Results". Accessed November 2022. <https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40>.

- OPC (Ocean Protection Council). 2018. State of California Sea-Level Rise Guidance. 2018 Update. p. 63. Accessed December 23, 2021. [https://opc.ca.gov/webmaster/ftp/pdf/agenda\\_items/20180314/Item3\\_Exhibit-A\\_OPC\\_SLR\\_Guidance-rd3.pdf](https://opc.ca.gov/webmaster/ftp/pdf/agenda_items/20180314/Item3_Exhibit-A_OPC_SLR_Guidance-rd3.pdf).
- OPR (CA Governor's Office of Planning and Research). 2020. General Plan Guidelines, Chapter 4: Required Elements. June. [https://www.opr.ca.gov/docs/20200706-GPG\\_Chapter\\_4\\_EJ.pdf](https://www.opr.ca.gov/docs/20200706-GPG_Chapter_4_EJ.pdf).
- PG&E (Pacific Gas and Electric Company). 2021. County of San Luis Obispo Development Plan / Coastal Development Permit and Conditional Use Permit Application Package for the Diablo Canyon Power Plant Decommissioning Project (Amended Submittal). June 30. File: Project Description, Environmental & Alternatives Analyses (Revised).
- Santa Barbara (County of Santa Barbara). 2020. One Climate Initiative. Accessed March 2, 2022. <https://sbco.mysocialpinpoint.com/oneclimateabout/>.
- US Census (United States Census Bureau). 2019. Advanced Search Census Data Lookup for Table IDs B02001 (Race), S1902 (Mean Income in the Past 12 Months), S1701 (Poverty Status in the Past 12 Months), and S2405 (Industry by Occupation for the Civilian Employed Population 16 Years and Over). Accessed November 2021. <https://data.census.gov/cedsci/>.
- \_\_\_\_\_. 2021. 2019 Census Tract Boundaries. Accessed September 2022. <https://www.census.gov/cgi-bin/geo/shapefiles/index.php>.
- US Department of Homeland Security. 2006. National Infrastructure Protection Plan. Accessed June 15, 2022. [https://www.dhs.gov/xlibrary/assets/NIPP\\_Plan\\_noApps.pdf](https://www.dhs.gov/xlibrary/assets/NIPP_Plan_noApps.pdf).
- USGCRP (US Global Change Research Program). 2018. Fourth National Climate Assessment: Volume II Impacts, Risks, and Adaptation in the United States. Accessed October 13, 2021. [https://nca2018.globalchange.gov/downloads/NCA4\\_2018\\_FullReport.pdf](https://nca2018.globalchange.gov/downloads/NCA4_2018_FullReport.pdf).
- William Lettis & Associates, Inc. 2004. PG&E Diablo Canyon Power Plant Shoreline Retreat Study, Diablo and Patton Coves. Prepared for Pacific Gas and Electric Company. June 8, 2004. pp. 3-7, 10, 23.

## 8. Potential Site Reuse Concepts (Phase 3)

- Bienkowski, B. 2015. Desalination is an expensive energy hog, but improvements are on the way. May 15. Accessed April 4, 2021. <https://theworld.org/stories/2015-05-15/desalination-expensive-energy-hog-improvements-are-way>.
- BOEM (Bureau of Ocean Energy Management). 2016. Determining the Infrastructure Needs to Support Offshore Floating Wind and Marine Hydrokinetic Facilities on the Pacific West Coast and Hawaii. BOEM 2016-011. March 3. Accessed July 5, 2022. <https://www.boem.gov/sites/default/files/environmental-stewardship/Environmental-Studies/Pacific-Region/Studies/BOEM-2016-011.pdf>.
- \_\_\_\_\_. 2018. Call for Information and Nominations for Commercial Leasing for Wind Power Development on the OCS offshore California. 83 FR 53096. Published October 19, 2018.
- \_\_\_\_\_. 2019. Nominations. Accessed July 5, 2022. <https://www.boem.gov/renewable-energy/state-activities/nominations-0>.
- \_\_\_\_\_. 2023. California Floating Offshore Wind Regional Ports Assessment. Moffat & Nichols. Accessed March 3, 2023. <https://www.boem.gov/sites/default/files/documents/renewable-energy/studies/BOEM-2023-010.pdf>.
- CEC (California Energy Commission). 2022a. Assembly Bill 525: Draft Conceptual Permitting Roadmap for Offshore Wind Energy Facilities Originating in Federal Waters off the Coast of California. Accessed

- March 3, 2023. <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=17-MISC-01>. (See TN #248109)
- \_\_\_\_\_. 2022b. CEC Adopts Historic California Offshore Wind Goals, Enough to Power Upwards of 25 Million Homes. August 10. Accessed January 23, 2023. <https://www.energy.ca.gov/news/2022-08/cec-adopts-historic-california-offshore-wind-goals-enough-power-upwards-25>.
- Chiu. 2021. Assembly Bill No. 525 Energy: offshore wind generation. Chapter 231. Published September 24, 2021. Accessed January 23, 2023. [https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=202120220AB525](https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=202120220AB525).
- Colthorpe, A. 2021. "Battery storage as peaking capacity: How Alamos changed the game for California." June 7. Energy Storage News. Accessed April 8, 2022. <https://www.energy-storage.news/battery-storage-as-peak-capacity-how-alamos-changed-the-game-for-california/>.
- Cooley, H. and M. Heberger. 2013. Key Issues for Seawater Desalination in California. Pacific Institute. May. Accessed April 4, 2021. <https://pacinst.org/wp-content/uploads/2013/05/desal-energy-ghg-full-report.pdf>.
- Costanoa Lodge. 2022. Accessed April 4, 2022. <https://costanoa.com/>.
- CSLC (California State Lands Commission). 2023. Alternative Port Assessment to Support Offshore Wind. Final Assessment Report. Moffatt & Nichol. January 31. Accessed March 3, 2023. <https://slcprd.wordpressstorage.blob.core.windows.net/wordpressdata/2023/02/Alternative-Port-Assessment-To-Support-Offshore-Wind-Final.pdf>
- DCDEP (Diablo Canyon Decommissioning Engagement Panel). 2022. A Strategic Vision. December 2018, Revised April 2022. Accessed June 3, 2022. <https://diablocanyonpanel.org/panel-reports/strategic-vision-report/>
- East Penn (East Penn Manufacturing Company). 2015. Final Technical Performance Report: Grid-Scale Energy Storage Demonstration of Ancillary Services Using the UltraBattery Technology. August 20. Accessed April 11, 2022. <https://www.osti.gov/servlets/purl/1349503#:~:text=East%20Penn%20is%20headquartered%20at,a%20520%20acre%20plant%20site>.
- EERE (U.S. Department of Energy: Office of Energy Efficiency and Renewable Energy). 2019. Powering the Blue Economy: Exploring Opportunities for Marine Renewable Energy in Maritime Markets. April. Accessed April 8, 2022. <https://www.energy.gov/sites/default/files/2019/09/f66/73355-7.pdf>.
- EESI (Environmental and Energy Study Institute). 2019. Fact Sheet: Energy Storage (2019). February 22. Accessed April 7, 2022. <https://www.eesi.org/papers/view/energy-storage-2019>.
- ESA (Energy Storage Association). 2022. Why Energy Storage- Technologies: Batteries. Accessed April 7, 2022. <https://energystorage.org/why-energy-storage/technologies/solid-electrode-batteries/>.
- E22 (E22 Energy Storage Solutions). 2022. Datasheet 250 kV 1,000 kWh Vanadium Redox Flow Battery. Accessed April 11. <https://energystoragesolutions.com/documents/Datasheet-E22-250kW.pdf>.
- Friends of the Diablo Canyon Lands (FODCL). 2021. A Conservation Framework for the Diablo Canyon Lands. December 17, 2021.
- Highview Power. 2017. Highview Company Brochure: Liquid Air Energy Storage. Accessed April 11, 2022. <https://www.highviewpower.com/wp-content/uploads/2018/04/Highview-Brochure-November-2017-Online-A4-web.pdf>.

- Molitch-Hou, M. 2019. "Are Gravitational Batteries the Solution to Grid Power Storage?" Engineering.com. December 12. Accessed April 7, 2022. <https://www.engineering.com/story/are-gravitational-batteries-the-solution-to-grid-power-storage>.
- NREL (National Renewable Energy Laboratory). 2016. Floating Offshore Wind in California: Gross Potential for Jobs and Economic Impacts from Two Future Scenarios.
- \_\_\_\_\_. 2020. The Cost of Floating Offshore Wind Energy in California Between 2019 and 2032. November. <https://www.nrel.gov/docs/fy21osti/77384.pdf>.
- O'Grady, C. 2021. "Gravity-based batteries try to beat their chemical cousins with winches, weights, and mine shafts." Science Journal. April 22. Accessed April 7, 2022. <https://www.science.org/content/article/gravity-based-batteries-try-beat-their-chemical-cousins-winches-weights-and-mine-shafts>.
- PG&E (Pacific Gas and Electric Company). 2021a. County of San Luis Obispo Development Plan / Coastal Development Permit and Conditional Use Permit Application Package for the Diablo Canyon Power Plant Decommissioning Project (Amended Submittal). June 30. File: Project Description, Environmental and Alternatives Analyses (Revised).
- \_\_\_\_\_. 2021b. Diablo Canyon Decommissioning, The DCPD Site: Repurposing and Reuse Concepts, 1st Revision. December 8, 2021.
- \_\_\_\_\_. 2022. Repurposing the Diablo Canyon facilities. Accessed April 12. [https://www.pge.com/en\\_US/safety/how-the-system-works/diablo-canyon-power-plant/diablo-canyon-power-plant/diablo-repurposing.page](https://www.pge.com/en_US/safety/how-the-system-works/diablo-canyon-power-plant/diablo-canyon-power-plant/diablo-repurposing.page).
- REACH (Regional Economic Action Coalition). 2021a. Economic Impact of Offshore Wind Farm Development on the Central Coast of California. California Polytechnic State University.
- \_\_\_\_\_. 2021b. Memorandum of Understanding. March 2021.
- \_\_\_\_\_. 2022a. Open Letter: Cal Poly Should Lead Diablo Canyon's Next Chapter. Accessed June 21, 2022. <https://reachcentralcoast.org/diablo-vision>.
- \_\_\_\_\_. 2022b. Central Coast Emerging Industries Waterfront Siting & Infrastructure Study. December 15. Accessed March 3, 2023. <https://reachcentralcoast.org/wp-content/uploads/Waterfront-Infrastructure-Report-121522.pdf>.
- \_\_\_\_\_. 2023. Partnership Proposal for SB846 Land Conservation and Economic Development. Accessed March 3, 2023. <https://reachcentralcoast.org/wp-content/uploads/SB-846-Proposal-Feb-8-23.pdf>.
- San Luis Obispo (County of San Luis Obispo). 2016. Update of the Diablo Canyon Desalination Project. March 22. Accessed April 4, 2022. <https://www.slocounty.ca.gov/Departments/Administrative-Office/Forms-Documents/Diablo-Canyon-Closure/Desalination-Project-Documents.aspx>.
- \_\_\_\_\_. 2022. Email Communication between Angela Ford, Water Resources Engineer, and Susan Strachan, Nuclear Power Plant Decommissioning Manager. June 20, 2022 and November 22, 2022.
- Scroggin-Wicker, T. and McInerney, K. 2020. "Flow Batteries: Energy Storage Option for a Variety of Uses." Power Magazine. March 2. Accessed April 7, 2022. <https://www.powermag.com/flow-batteries-energy-storage-option-for-a-variety-of-uses/>.
- US Department of the Interior. 2022. Press Release: Biden-Harris Administration Announces Winners of California Offshore Wind Energy Auction. December 7. Accessed December 22, 2022. <https://doi>.

gov/pressreleases/biden-harris-administration-announces-winners-california-offshore-wind-energy-auction.

- Vecchi, A.; Yongliang, L.; Ding, Y.; Mancarella, P.; and Sciacovelli, A. 2021. "Liquid air energy storage (LAES): A review on technology state-of-the-art, integration pathways and future perspectives." *Advances in Applied Energy*. Volume 3. August 25. Accessed April 7, 2022. <https://www.sciencedirect.com/science/article/pii/S2666792421000391>.
- Vistra. 2022. Vistra Announces Expansion of World's Largest Battery Energy Storage Facility. Accessed March 3, 2023. <https://investor.vistracorp.com/2022-01-24-Vistra-Announces-Expansion-of-Worlds-Largest-Battery-Energy-Storage-Facility>.
- Water Systems Consulting, Inc. 2016. Technical Memorandum: Final Draft – DCPD Desalination Pipeline Feasibility Study. March 2. Accessed April 4, 2022. <https://www.slocounty.ca.gov/Departments/Administrative-Office/Forms-Documents/Diablo-Canyon-Closure/Desalination-Project-Documents.aspx>.