## Diablo Canyon Decommissioning Engagement Panel Meeting

**Date/Time:** November 3, 2021; 6:00 PM – 9:00 PM  
**Facilitator:** Chuck Anders

**Meeting Location:** Zoom Online Meeting  
**Recorder:** McDaniel Reporting  
**Video Stream:** Charter Channel 21 and Online Streaming

**Online Zoom Meeting:** [https://us02web.zoom.us/webinar/register/WN_sxjGWwbCSISd2Pp0hBqQ_Q](https://us02web.zoom.us/webinar/register/WN_sxjGWwbCSISd2Pp0hBqQ_Q)

### Desired Outcome:
Receive information on the PG&E Decommissioning Project application and the CEQA process and timeline; review the status of the DCDEP Strategic Vision document and recent updates; receive an update from PG&E regarding other decommissioning related activities and receive formal public comment.

### AGENDA

<table>
<thead>
<tr>
<th>Item #</th>
<th>What – Content</th>
<th>Action Path</th>
<th>Who</th>
<th>Target Start Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Panel Meeting Start</td>
<td>All</td>
<td>6:00</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Welcome and Meeting Process</td>
<td>Inform</td>
<td>Mariam Shah</td>
<td>6:00 (10)</td>
</tr>
<tr>
<td>3.</td>
<td>Virtual Safety Briefing</td>
<td>Inform</td>
<td>Dr. Tim Auran</td>
<td>6:10 (5)</td>
</tr>
<tr>
<td>4.</td>
<td>PG&amp;E Decommissioning Project Update</td>
<td>Inform Discuss</td>
<td>PG&amp;E Panel</td>
<td>6:15 (10)</td>
</tr>
<tr>
<td>5.</td>
<td>General Public Comment</td>
<td>Inform Discuss</td>
<td>All Panel</td>
<td>6:25 (15) 6:40 (10)</td>
</tr>
</tbody>
</table>
| 6.    | Project Application/CEQA Update | Inform Discuss | Trevor Keith 6:50 (5)  
   | - Overview of Decommissioning Planning Process |  
   | - Application/CEQA Process and Timeline  
   |   - Public Scoping Meeting  
   |   - Additional Public Participation Opportunities | Susan Strachan 6:55 (25) |
|       | Public Comment | All Panel | 7:20 (15) 7:35 (20) |
| 7.    | Break | | 7:55 (5) |
| 8.    | Strategic Vision Update | Inform Discuss | Dena Bellman 8:00 (15)  
   | - Overview of DCDEP Strategic Vision and Process | Tom Jones 8:15 (15)  
   | - Status of Panel Recommendations (PG&E) |  
|       | Public Comment | All Panel | 8:30 (15) 8:45 (10) |
   | - Management of Spent Nuclear Fuel |  
   | - Selection of Dry Cask Storage System |  
| 10.   | Adjourn meeting | Action | Chuck Anders | 9:00 (180) |
Diablo Canyon Engagement Panel

• Overview of Decommissioning Planning Process
• Application/CEQA Process and Timeline
  - Public Scoping Meetings
  - Additional Public Participation Opportunities
Permitting Update

March 29
Application Received
• PG&E Application Submitted for:
  - Coastal Zone: Coastal Development Permit/Development Plan
  - Outside Coastal Zone: Conditional Use Permit

Application Completeness Review
• April 28 – County Information Hold Letter to PG&E
• July 8 – PG&E Application Supplement Received
• August 9 – County Information Hold Letter to PG&E
• October 6 – PG&E Responses Received

Application Accepted
• October 27 – County Application Acceptance Letter to PG&E
After Application is Accepted...

• CEQA Process Begins
• Prepare Environmental Impact Report
  - SLO County Lead Agency
  - Aspen Environmental Group will prepare the EIR
  - Coordination with Responsible & Trustee Agencies
  - Public Participation
EIR Process

**Prepare EIR**
- Issue Notice of Preparation
- Hold Scoping Meetings (Opportunity for Public Involvement)

**Draft EIR**
- DEIR Notice of Availability/Public Review Period
- Review Period 60 Days (Opportunity for Public Involvement)
- Planning Commission Public Hearing (Opportunity for Public Involvement)

**FEIR**
- Response to Comments on DEIR
- Revisions to DEIR

**Certify EIR**
- Certify EIR, Adopt Findings, & Statement of Overriding Considerations (if needed)
- Project Decision (Opportunity for Public Involvement)
- If Project Approved, adopt Mitigation Monitoring and Reporting Program
- Responsible/Trustee Agency Decisions
First Step – Notice of Preparation

• Solicit Agency, Organization and Public Input on EIR Scope & Content
• Project Description
• Identifies Scoping Comment Period
• Dates of Virtual Scoping Meetings
Purpose of Scoping

• Opportunity for agencies and public to provide input and comment on the scope and content of the EIR.
• Opportunity to provide input on project alternatives, evaluation methods, and mitigation measures.
NOP Scoping Details

• Scoping Comment Period: October 28 – December 6

• Virtual Scoping Meetings:
  - Nov. 9, 10:00 a.m. & 6:00 p.m.
  - Dec. 1, 10:00 a.m. & 6:00 p.m.
  - Dec. 4, 2:00 p.m.
Scoping Meeting Agenda

• Introductions

• PG&E’s Proposed Project: DCPP Decommissioning
  Project Description
  ➢ Questions and Answers

• County-Driven Analysis: Future Site Re-Use Concepts
  ➢ Questions and Answers

• EIR Process
  ➢ Questions and Answers on EIR Process

• Scoping Comments
Scoping Comments

- Environmental concerns that may result from PG&E’s proposed project; suggested areas to comment on:
  - Scope and content of EIR
  - Local environmental knowledge
  - Issues that need evaluation or how issues are evaluated
  - Feasible alternatives to PG&E’s Proposed Project
  - Mitigation measures to avoid or reduce impacts of the Proposed Project
- Other options the County should consider for future site reuse
Next Steps After Scoping

- Preparation of Draft EIR
- Process Will Take Several Months
- Public Comment Period on Draft EIR
- Final EIR
  - Responses to DEIR Comments
  - Revisions to DEIR
- Public Hearing
  - EIR Certification
  - Decision on Project
EIR to Evaluate...

PG&E’s Proposed DCPP Decommissioning Project:

- Phase 1 (2024-2031)
- Phase 2 (2032 – 2029)
EIR to Evaluate, cont...

- DCPP Future Site Re-Use concepts Phase 3 (beginning in approximately 2039)
- County Driven Analysis
- Not part of PG&E Proposed Project
- Included for high level analysis of possible uses after decommissioning
Public Participation Opportunities

• Information Opportunities
  - County Planning and Building Website
  - Sign-up on County Diablo Decommissioning Email List

• EIR Process Opportunities
  - Scoping
  - Draft EIR Comment Period and Public Hearing
  - Certification of EIR/Project Decision
Thank you
DIABLO CANYON DECOMMISSIONING ENGAGEMENT PANEL

STRATEGIC VISION OVERVIEW AND PROCESS

Dena Bellman, Panel Member
November 3, 2021
The Diablo Canyon Decommissioning Engagement Panel will review information and provide direct input on behalf of the local community to Pacific Gas and Electric Company (PG&E) and inform regulatory agencies and other stakeholders on Diablo Canyon Power Plant decommissioning plans and activities.
## Community Involvement

<table>
<thead>
<tr>
<th>Decommissioning Topic</th>
<th>Number of Comments*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lands</td>
<td>405</td>
</tr>
<tr>
<td>Repurposing of Facilities</td>
<td>123</td>
</tr>
<tr>
<td>Economic Impacts of Decommissioning</td>
<td>101</td>
</tr>
<tr>
<td>Transportation Impacts</td>
<td>43</td>
</tr>
<tr>
<td>Spent Fuel Storage</td>
<td>42</td>
</tr>
<tr>
<td>Water Resources</td>
<td>30</td>
</tr>
<tr>
<td>Environmental Impacts</td>
<td>25</td>
</tr>
<tr>
<td>Safety</td>
<td>24</td>
</tr>
<tr>
<td>Community Outreach Process</td>
<td>20</td>
</tr>
<tr>
<td>Other</td>
<td>39</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>852</strong></td>
</tr>
</tbody>
</table>

* Additional 439 public comments received on initial draft of Strategic Vision document
STRATEGIC VISION

• Strategic Vision was prepared by the DCDEP as a “living document”
  ▪ Will be amended and refined as the public outreach and decommissioning process continues
• Contains Visions, Goals and Recommendations
  ▪ Reflect the input received from the public at meetings, workshops, on-line comments, and emails
• Strategic Vision was first released in January 2019
  ▪ Updated and reissued in May 2019 / February 2020 / July 2020 / March 2021
• Available on the Engagement Panel Website
• Submitted to the CPUC
VISION STATEMENTS are the framework around which the goals and recommendations are based.

GOALS are a description of a desired outcome.

RECOMMENDATIONS are the activities needed to meet the goal.
ENGAGEMENT PANEL RECOMMENDATIONS

Decommissioning Process 13
- Engagement Panel
- Safety
- Labor

Decommissioning Funding 4
- Funding

Diablo Canyon Lands 14
- Diablo Engagement Panel
- Land Stewardship
- Land Transfer and Use
- Cultural Heritage

Repurposing of Diablo Canyon Facilities 17
- Existing Facilities
- Marine Facilities
- Specific Uses

Engagement Panel Structure and Function 3
- Engagement Panel Review

Emergency Planning Recommendations 12
- Funding
- Emergency and Communications Plan
- Demolished Materials (contaminated and non-contaminated)
Engagement Panel Recommendations

Spent Fuel Management 23
- Risk Analysis
- Dry Cask Storage System
- Dry Cask Loading
- Aging Management Program
- Security
- Offsite Repository for Spent Nuclear Fuel
- DCPP Ownership

Transportation of Non-Radioactive and Low-Level Radioactive Waste Materials 6
- Transportation of Non/Low-Level Radioactive Waste Materials

Potential Economic Impacts 16
And Opportunities
- Decommissioning
- Repurposing
- Local Government
- Local Labor

Water Resources 16
- Breakwaters and Marina
- Intertidal Zone / Marine Resources
- Desalination Facilities
THANK YOU
Update on Key Items from Strategic Vision and Next Steps

Presented by
Tom Jones, Director, Strategic Initiatives

November 3, 2021
Contracting strategy was determined for DCPP decommissioning

PG&E will include the hybrid strategy in the 2021 Nuclear Decommissioning Cost Triennial Proceeding (NDCTP)
  - Hybrid is a mixture of self-perform and use of contractors

Chosen strategy aligns with the DCDEP’s Strategic Vision recommendation on DCPP ownership (IV.G.7.a)
  - Further actions on local labor and economic development recommendations will cascade from this contracting decision
  - Contracting decision affects the repurposing schedule
DCDEP Recommendations to PG&E

Categorized into DCDEP, decommissioning safety, and labor:
- DCDEP continues throughout decommissioning process
- Decommissioning goal of 10 years for completion of radiological decommissioning
- Incentivizing for local contractors with local workforce for decommissioning activities
- Assurance that the Decommissioning Trust Fund will cover the reasonable cost of completing all the decommissioning activities

PG&E Considerations

Impact to current decommissioning plans
- If so, what are the impacts to PG&E and external stakeholders?
- Does it have a regulatory approval path?
- Can the plans be changed?

PG&E Evaluation Progress
- Decommissioning schedule revised to support 2021 NDCTP filing
- Funding for the DCDEP was approved in the 2018 NDCTP and will continue to be included in the 2021 NDCTP
- 2021 NDCTP implements the commitments from the settlement agreement (e.g., non-qualified trust)
Diablo Canyon Lands (Future Land Use)

- **DCDEP Recommendations to PG&E**
  Categorized into land stewardship, land transfer and use, and cultural heritage:
  - Promote the conservation of the Diablo Canyon Lands consistent with public input
  - Provide limited public access and recreational opportunities
  - Allow for reuse in a manner that is sustainable and does not compromise public safety and the environmental quality of the region

- **PG&E Considerations**
  - Long-term protection of ecological, scenic, and cultural resources
  - Provision of public access to the greatest extent possible, while protecting and preserving resources
  - Uses of the Diablo Canyon Lands that includes activities consistent with wildlife and resource protection and visitor enjoyment
  - Impact to current decommissioning plans
  - Is dependent on re-purposing conclusions – PG&E’s future interests at the site

- **PG&E Evaluation Progress**
  - Public announcement of process was issued in June 2020 (see graphic in later slide)
  - Evaluations of future land use are in-progress
  - Refined process in 2021 NDCTP
Diablo Canyon Lands (Future Land Use)

- Shareholder
- Local Community
- Customer
Diablo Canyon Lands (Future Land Use)

Outreach to Interested Parties Ongoing Through 2021

- Trade Press Releases
- Real Estate Channels
- Tribal Outreach
- Engagement Panel Website
- Government Entities
- Conservation Groups

All outreach drives interested parties to website

Decommissioning Webpage
PGE.com/DiabloDecommissioning
DiabloCanyonRepurposing@pge.com

- Landing page has CPUC-related guidance
- Repurposing and conservation information
- Strategic Vision
- DREAM Initiative
- Land map with APNs
- Interactive maps to describe available assets
- Zoning and other pertinent information

Interested Parties Email Submissions (monitored by at least 5 team members)

PG&E contacts parties; offers technical assistance and virtual tours*

Parties no longer interested → End

Parties still interested → PG&E Conduct Evaluations:
Consult with the team on external ideas vs. regulatory requirements, zoning, internal submittals, Strategic Vision, DREAM Initiative, project schedule/needs, and cost savings to customers

- Not consistent with goals → End
- Consistent with goals
  - Include tentative results in 2021 NDCTP
  - Refine ongoing outreach aligned with future NDCTP cycles

* DCPP tours and non-essential visitors temporarily suspended due to COVID-19

Process will be updated in 2021 NDCTP filing

Issued: June 30, 2020
Repurposing

- **DCDEP Recommendations to PG&E**
  
  Categorized into existing facilities, marine facilities, and specific uses:
  - Repurpose as many buildings and assets as is sustainably viable while favoring Native American tribal use and a public-private collaborative research / development facility
  - PG&E should develop a strategy for management of the facilities at the earliest possible time and set up a process for receiving proposals and negotiating terms
  - Land acquisition for Native American tribes

- **PG&E Considerations**
  
  - Repurposing of facilities consistent with the safety and security of spent fuel storage
  - Repurposing of facilities to create new local jobs and promote the establishment of clean, renewable energy sources
  - Transfer retires PG&E liability and is obtainable through regulatory process
  - Consistent with PG&E future interests at the site
  - PG&E re-evaluating and expanding repurposing to accommodate settlement terms consistent with panel input
  - CPUC program on tribal land rights
  - CPUC role in affiliate entities if over $5 million per bankruptcy POR/resolution
PG&E Evaluation Progress

- Public announcement of process was issued in June 2020 (see graphic in earlier slide)
- A cross functional team was initiated to facilitate the process
- JLL Real Estate Brokers completed a phase 1 market analysis of the DCPP industrial site
- The August 2021 DCDEP meeting topic was repurposing
  - DCDEP heard how the zoning and market could impact future uses
  - Likely too early for private investment horizons – typically five years in advance
  - Free release criteria from NRC key to successor interest in Parcel P
- Limited evaluations of repurposing are in-progress and will be described in the 2021 NDCTP
- No Successor entity/entities have submitted formal offers
General and Marina Repurposing

- DCPP facilities to leave in place
The breakwater system that protects the intake harbor is estimated to cost $400M to remove: ~700K tons

- PG&E intends to leave the breakwaters in place with state approval to transfer to future operator or serve as artificial reef
- PG&E also intends to leave the Intake Structure in place (see previous slide)
Emergency Planning / Transportation of Waste

- **DCDEP Recommendations to PG&E**
  
  Categorized into funding, Emergency and Communications Plan, demolished material, and transportation of non-radioactive and low-level waste:
  
  - Provide a communications plan for emergency planning during decommissioning
  - Emergency plans be prepared for (1) entire decommissioning process, (2) future used of Diablo Canyon lands, and (3) decommissioning waste transportation
  - PG&E evaluate the safety and cost effectiveness of various demolition waste material transport alternatives; include a feasibility and cost analysis of barging in the 2021 NDCTP
  - Retention of the breakwaters and re-use of waste on-site, as possible

- **PG&E Considerations**
  
  - Impact to current decommissioning plans and cost estimates
    - If so, what are the impacts to PG&E and external stakeholders?
    - Can the plans be changed?
  - Comparison to Federal regulation requirements; safety benefit to the public
  - Consistent with Joint Proposal and other commitments
PG&E Evaluation Progress

- The first of three Emergency Plan transitions during decommissioning (the Post Shutdown Emergency Plan or PSEP) was submitted to the NRC for review and approval in October 2021
  - Subsequent Emergency Plan transitions will be developed and submitted to the NRC for approval prior to permanent shutdown
  - Communication Plans will be developed for each Emergency Plan transition

- UCLA completed a waste transportation risk analysis in 2020
  - Informed further studies for various demolition waste material transport alternatives, including barging
  - Results will be included in the 2021 NDCTP

- Performed a revised analysis to optimize material re-use on-site
  - Results will be included in the 2021 NDCTP

- PG&E has proposed retention of the breakwaters (see previous slides) in the Coastal Development Permit
Spent Fuel Management

- **DCDEP Recommendations to PG&E**
  - Categorized into risk analysis, dry cask storage system, dry cask loading, aging management, security, off-site repositories, and PG&E ownership:
    - Conduct a spent fuel storage risk assessment
    - DCDEP provides broad criteria for a new dry cask storage system (e.g., safe, radiation monitoring)
    - Conduct studies regarding aging of canisters and how to address degradation if found
    - Move fuel to a Consolidated Interim Storage Facility

- **PG&E Considerations**
  - Impact to current decommissioning plans (e.g., wet cooling time assumption)
  - Consistency with agency consultations
  - Permitting and licensing impacts

- **PG&E Evaluation Progress**
  - UCLA completed a spent fuel storage risk analysis in 2020
  - The Dry cask storage system request for proposal (RFP) was issued in Q1 2020 (see next slides for additional details)
  - Announcement in Q1 2021
Key RFP inputs from Diablo Canyon Community Engagement Panel

- Spent fuel offload transfer to dry cask storage within 4 years after each unit shutdown (proposed settlement agreement) *(Strategic Vision IV.G.2.a)*

- Robust design that meets DCPP-specific parameters:
  - Seismic *(Strategic Vision IV.G.2.b)*
  - High burn-up fuel, heat load, etc. *(Strategic Vision IV.G.2.c)*
  - 80-year design life *(Strategic Vision IV.G.2.b)*
  - DCPP marine environment *(Strategic Vision IV.G.2.c)*

- Ensure the system is easy to inspect in-place and is designed to reduce needs for aging management *(Strategic Vision IV.G.2.d)*

- Minimize dose to the workers and public *(Strategic Vision IV.G.2.e)*

- Subject to NRC and other required regulatory approvals
Dry Cask Storage RFP Process

Public Input: ~2 yrs

- DCDEP Strategic Vision (2018-2020)

Confidential Review: ~2 yr

- CEC Collaboration on RFP Content (2019-2020)
- Prepare & Issue RFP (2020)
- Evaluate Proposals/Contract Discussions (2020-2021)
- Award Contract (2022)

We are here

Design and NRC Approval: 4 yrs

- Vendor: Design & Prep Licensing Docs (2022)
- Submit Application to NRC (~2023)

- CEC Collaboration on Proposal Technical Review
- CEC Collaboration on RFP Content (2019-2020)

- We are here

Review/Approve Licensing (~2025)

Public Comment Period

CPUC: CA Public Utilities Commission
DCDEP: Diablo Canyon Decommissioning Engagement Panel
NDCTP: Nuclear Decommissioning Cost Triennial Proceeding
Economic Impacts / Economic Development

- DCDEP Recommendations to PG&E
  Categorized into decommissioning, repurposing, local government, and local labor:
  - Efficient and collaborative permitting process
  - PG&E complete several analyses related to repurposing, including of the existing facilities and the potential for construction of new facilities
  - Use of local contractors with local workforce for decommissioning activities to ease economic impacts

- PG&E Considerations
  - Impact to current decommissioning plans and cost estimates
    - If so, what are the impacts to PG&E and external stakeholders?
    - Can the plans be changed?
  - Consistent with Joint Proposal and other commitments

- PG&E Evaluation Timeline
  - The Decommissioning Development Plan/Coastal Development Permit and Conditional Use Permit application was submitted to San Luis Obispo County in March 2021 (see later slides for more detail)
  - Contracting Strategy will influence labor strategies
Coastal Development Permit Application Approval Process

Application Preparation: 2.5 yrs

Agency Pre-Appl. Meetings (2019/2020)

Conduct Technical Studies (2020)

We are here

Prepare & Submit CDP Appl. (2021/2022)

Prepare Draft EIR (2021/2022)

Prepare Final EIR (2022)

Prepare Staff Report (2022)

Approvals: Planning Commission, BOS (2022)

Prepare Staff Report (2023)

CDP Approval (2023)

Issue CDP (2024)

Application Review: ~1 yr

Public Repurposing Input through DCDEP Strategic Vision

Public Scoping Meeting for EIR (County)

45-Day Public Comment Period

Assumes County Decision Appealed to CCC

Public Hearing on CDP Approval

CDP Approval: 2 yrs

Application Preparation: 2.5 yrs

Application Review: ~1 yr

CDP Approval: 2 yrs

Original Jurisdiction Path

BOS: Board of Supervisors
CCC: California Coastal Commission
CDP: Coastal Development Permit
DCDEP: Diablo Canyon Decommissioning Engagement Panel
EIR: Environmental Impact Report
Key DCDEP recommendations incorporated into the application by PG&E

- Project objectives are tied to safe, timely, and cost-effective approach to DCPP Decommissioning, including:
  - Decommissioning (decontamination) beginning immediately upon shutdown, thus avoiding SAFSTOR (Strategic Vision Sections: III.A; III.H; IV.A.2.a; IV.G.7.a; IV.H.1.a)

- Retention of existing energy-infrastructure (e.g., switchyards, transmission lines, etc.) to:
  - Meet customer needs
  - Support potential transmission of wind, wave, solar and/or other clean, green renewable energy (Strategic Vision Sections: III.D; III.D.1.a; III.D.3.a & e; IV.D.1.a; IV.D.3.a & e)

- Retention of breakwaters and intake structure (Strategic Vision Sections: III.D; III.D.2.a & b; III.J; III.J.1.a & d; IV.D.2.a; IV.I.5; IV.J.1.a & b)
Key DCDEP recommendations incorporated into the application by PG&E (continued)

- **Transportation:**
  - Safe transportation of waste
  - Measures to minimize transportation-related impacts: reuse of clean materials, minimizing waste, repurposing, barge/truck/rail, avoiding peak traffic *(Strategic Vision Sections: III.A.2.c & d; III.F.3.b & c; III.I; III.I.1, 2, 3, 4; IV,2,d,e,f & g; IV.F.3.a & b; IV.I.1, 3, 4)*

- Reduction of radioactivity at the DCPP site *(Strategic Vision Sections: III.A; III.F; III.J IV, A.2.a)*
Impacts of barging strategy

- Reduces transportation risk (accident mile risk) by over 73%
- Minimizes waste truck trips through local communities
  ✓ Eliminates over 95% of truck trips through the first 15 years (originally over 25,000 truck trips)
- Reduces carbon dioxide emissions by over 22%
Key DCDEP recommendations incorporated into the application by PG&E (continued)

- Conservation of the breakwaters and associated harbor area, the intake and discharge coves, and associated marine terraces to:
  - Assure the protection of the ecological resources of the area
  - Limit the amount of demolition debris
  - Reduce the impact to neighboring communities
  - Create opportunities for repurposing
  (Strategic Vision Sections: III.D; III.D.2.a & b; III.J; III.J.1.a & d; IV.D.2.a; IV.I.5; IV.J.1.a & b)

- Measures to minimize environmental impacts, including impacts to biological and cultural resources, from DCPP Decommissioning
  (Strategic Vision Sections: III.A; III.B; III.C)
Water Resources

- DCDEP Recommendations to PG&E
  Categorized into breakwaters and marina, intertidal zone/marine resources, and desalination facilities:
    - Retention of the breakwaters and marina
    - Continued protection and management of the marine and terrestrial resources
    - Consider changes to the desalination facility (parts and location)

- PG&E Considerations
  - Impact to current decommissioning plans and cost estimates
    - If so, what are the impacts to PG&E and external stakeholders?
    - Can the plans be changed?
  - Comparison to state and local requirements

- PG&E Evaluation Timeline
  - PG&E has proposed retention of the breakwaters and marina (see previous slides) in the Coastal Development Permit
  - PG&E will develop environmental resource management plans for decommissioning activities
  - Current desal facility is under contract through 2035 and being refurbished now
Next Steps
Next Steps and Key Takeaways

- **PG&E will file the 2021 NDCTP in December**
  - Updated revisions to the DCDEP’s Strategic Vision shall be included with filing
  - PG&E and DCDEP agreed to attach current Strategic Visions to open NDCTPs

- **PG&E will update DCDEP on all Items in Q1 2022**
  - PG&E will issue public update to DCDEP on status of all 124 recommendations after new/modified dry cask storage system is announced in Q1 2022
  - This will include all items contemplated in December 2021 NDCTP filing
  - Influenced by contracting strategy

- **DCDEP recommendations to PG&E have significantly influenced the project**
  - Driven public interest and awareness
  - Reshaped thinking and created new project scope, like barging
  - Resulted in UCLA risk studies on spent fuel and transportation
  - Helped inform RFP and regulatory applications
  - Will result in reduced impacts, cost savings, and quicker project (if regulatory approvals are obtained)
Questions, Suggestions?
RECOMMENDATIONS FOR SPENT FUEL STORAGE
Dry Cask Storage System

a. Recommend that PG&E begin the RFP process before the end of 2019 for a new dry cask storage system which could support a more rapid offload of spent nuclear fuel from the spent fuel pools to dry cask storage, if an independent risk assessment deems this to be feasible and safe.

b. Recommend that PG&E thoroughly investigate and research all potential dry cask storage system designs in order to determine the best site specific system that takes into consideration the unique seismic risks at DCPP and the fact that the length of time the spent nuclear fuel and GTCC waste will be stored on site cannot be estimated at this date.

c. Recommend that PG&E select a dry cask fuel storage system that uses advances in the materials, manufacturing and engineering of dry cask storage systems in order to improve the shielding and confinement of spent nuclear fuel and the heat capacity of the canisters.

d. Recommend that PG&E select a dry cask storage system that would allow for 24-hour radiation monitoring, full inspection capability, be fully retrievable, have the capability to either repack or repair a damaged cask and be licensed for transportation.

e. Recommend that the new dry cask system minimize dose rates to workers to the greatest extent achievable.
4. Aging Management Program
   
a. Recommend that PG&E develop an Aging Management Program for the ISFSI as soon as practicable, possibly before such program is required to be prepared

b. Recommend that PG&E conduct a future feasibility assessment of the benefits and costs of enclosing the existing ISFSI, including a climate-controlled environment alternative

c. Recommend that if stress corrosion cracks or other degradation is found, this should be identified early and appropriate corrective actions taken immediately, which may include enclosing the ISFSI in a structure, and any such experience and information be shared transparently with regulators, other ISFSI operators and the community

d. Recommend that PG&E continue to participate in research and collect data on the potential degradation of canisters used in the dry cask storage system and make any results available to regulators, other ISFSI operators and the public

e. Recommend that PG&E have an onsite facility or other means in place to deal with potential leaks from spent fuel canisters and the ability to repackage the spent fuel if necessary
7. DCPP Ownership

a. Recommend that PG&E continues to own the DCPP and manage the decommissioning process, including the on-site management of spent fuel, in order to ensure continuity, avoid SAFSTOR, preserve local jobs, and allow for continued robust community involvement.