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# **Diablo Canyon Power Plant Used Fuel Storage Project**

January 25, 2001 NRC Meeting  
Environmental Overview  
Licensing Schedule



# *AGENDA*

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- Introduction
- Projects Update
- Environmental Overview
- Licensing Review Schedule Alternatives
- Future Meeting Topics



# *HUMBOLDT STATUS*

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- Contract negotiation on hold pending resolution of DC contract issues
- Series licensing effort with DC
- Projected Application submittal date 10/01



# DIABLO CANYON STATUS

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- Contract negotiations proceeding
- Part 72 Application submittal - 4/01
- Part 50 License Amendment – 5/01



# *ENVIRONMENTAL OVERVIEW*

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- Environmental setting
- Coastal Development Plan Process
  - Regulations
  - Examples of permit documents
  - Comparison to NRC process



# *ENVIRONMENTAL SETTING*

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- Diablo lands include 12 miles of coastline, extending inland an average of 1-1/2 miles
- Land bounded by Coon Creek to the north, at Montana de Oro State Park, and extends south to Avila Beach
- Four streams
- Several species of threatened, endangered, or sensitive plants and animals
- Shoreline mostly rock bordered by sheer vertical cliffs
- Tideline communities relatively untouched
- Marine animals find refuge here
- Archeological sites occur throughout the Diablo Lands
- Current land use includes farming and cattle ranching



# *LICENSING REVIEW SCHEDULES*

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- Last NRC Meeting PG&E identified Holtec licensing actions required for DC
- DC Application refers to Holtec FSAR and LAR 1014-1
- PG&E proposed parallel reviews for DC and Holtec
- NRC identified concerns regarding this approach
- Today's meeting purpose is to discuss alternatives which meets PG&E licensing schedule needs



# *PART 72 LICENSING ISSUES*

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- Environmental
- Site-specific
  - Geotechnical
    - Seismic input
    - Slope stability
    - Road stability
  - High Seismic
    - Pad design
    - Embedment
    - System configuration analysis
  - Transmission lines



# *PART 72 LICENSING ISSUES (Cont.)*

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- Site-specific (cont.)
    - Fires/explosions
    - Transporter site-specific qualification
    - Tornado Missiles
    - Security
    - Emergency Planning
    - CTF
  - Cask
    - MPC 32
    - 100S
    - High enrichment and burnup
    - Damaged fuel
    - Debris
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