Fourth Annual Public Workshop for the SONGS Wetland Mitigation Project
SONGS Intake and Diffuser

- Diffuser 63 ports/discharge
- Intake Line 18-Foot Diameter 3,200 Feet Long
- (2) Discharge Lines 6,000 & 8,600 Feet Long
- Inlet Structure Enlarged Detail (View Rotated 90°)
- 7 Foot Vertical Opening

50-Foot Depth
Impacts Attributed to the Operation of SONGS Units 2 & 3 Include:

• Losses of immature fish in the cooling water intake system is projected to cause substantial reductions in Bight-wide populations of adult fish.

• In-plant losses of juvenile and adult fish led to reductions in the local abundance of mid-water fish populations in near vicinity of SONGS.

• The discharge plume caused a substantial reduction in the size of the kelp forest community at San Onofre that resulted in losses of kelp, fish, and invertebrates.
Mitigation for SONGS Impacts Includes Four Conditions:

- **Condition A: Wetland Mitigation**
  Out-of-kind mitigation to compensate for in-plant losses of immature fish

- **Condition B: Behavioral Barriers Mitigation**
  In-kind mitigation to reduce in-plant losses of juvenile and adult fish

- **Condition C: Kelp Reef Mitigation**
  In-kind mitigation to compensate for losses of kelp and kelp bed fish and invertebrates

- **Condition D: Administrative Structure**
  Provides for scientific oversight and monitoring of mitigation projects that is independent of SCE
Primary Responsibilities

- SCE – planning and construction
- CCC – Monitoring and evaluation of permit compliance

*Monitoring is being done largely through a contract with research scientists at the Marine Science Institute, UC Santa Barbara*
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<th>Time</th>
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<tr>
<td>7:00</td>
<td>Introduction: Project purpose &amp; rationale</td>
<td>Dr. Stephen Schroeter, UCSB</td>
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<td>7:15</td>
<td>Project design and planning</td>
<td>Dr. David Kay, SCE</td>
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<td>7:45</td>
<td>CCC Independent Monitoring</td>
<td>Dr. Mark Page, UCSB</td>
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<td>8:00</td>
<td>Public comment and discussion</td>
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<td>9:00</td>
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