



# Humboldt Bay Power Plant 2011 Goals

February 2011

# HBPP Legacy

## ▣ Decommissioning Fundamentals

- ▣ Safety
- ▣ One Team
  - Multiple Project Partners
- ▣ ALARA
- ▣ Environment
- ▣ Cost
- ▣ Schedule



# Project Plan

- ✓  2009 – Infrastructure and Planning
- ✓  2010 – Large Components
- 2011 – Small & Medium Components
- 2012 – Rx Removal & Building Decon
- 2013 – Building Demolition
- 2014 – Site Remediation
- 2015 – Site Remediation

# 2010 Review

## ▣ Large Components Removed

- Spent Fuel Pool Racks
- Reactor Head
- Turbine Crossover
- High Pressure Turbine
- Low Pressure Turbine
- Upper Condenser Half
- Lower Condenser Half
- Shutdown Heat Exchangers
- All Oversize-Overweight Packages Have Shipped



# 2010 Review

## ▣ Reactor Progress

- Dry Well Opened
- Reactor Flooded
- Reactor Head Removed
- Reactor Water Cleaned
- Extension Tank Installed
- 32 Control Rods Removed
- Rad Surveys Completed
- Reactor Removal Contract In Place



# 2010 Review

## ▣ Infrastructure

- Rad Access
- Environmental Count Room Facility
- Truck Portal Monitors and Scale
- Waste Package Preparation Enclosure
- Move To “Trailer City”
- Cold and Dark for Nuclear and Fossil
- Rad Waste Disposal Contracts In Place



# 2010 Review

## ▣ Fossil Decom Progress

- Humboldt Bay Generating Station
- Fossil Units 1 and 2 Shut Down
- MEPP
- Switch Yard Barricaded
- Demo Contractor In Place
- Main Fuel Oil Tanks Removed
- Outside Area Asbestos Removed
- Environmental Barrier Installed On Boilers



# 2011 Goals

- ▣ Reactor Removal
- ▣ Turbine Building Cleared
- ▣ Legacy Waste
- ▣ Support Activities

# 2011 Goals

## ▣ Reactor Removal

- Mobilize EnergySolutions - April 2011
- Internals Removed - Nov 2011
- Drywell Access - Dec 2011
- Segmentation Preparation - Dec 2011 - May 2012

# 2011 Goals

## ▣ Turbine Building Cleared

- Steam Jet Air Ejector Room
  - Condensate Pump Room
  - Seal Oil Room
  - Condenser Room
  - Reactor Feed Pump Room
- } Scabbled

# 2011 Goals

## ▣ Legacy Waste

- Filter Disposal
- ISC-18
- Resin Disposal Tank
- Concentrate Hold Tanks
- Condensate Storage Tank

# 2011 Goals

## ▣ Support Activities

- Suppression Chamber Vent Pipes
- Fossil Decom Above Ground Structures
- License Termination Plan
- CPUC Advice Letter

# WORKING SAFELY

