#### Nuclear Power: 1976 vs. Today

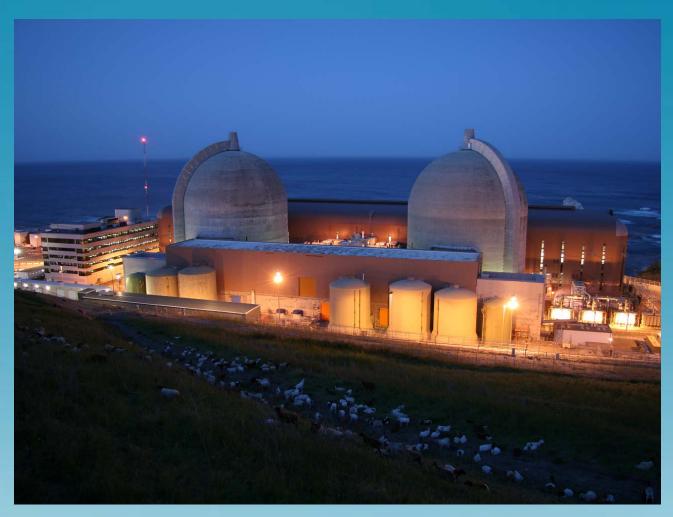
A Presentation before the California Senate Committee on Energy, Utilities and Communications

Jim Becker Site Vice President Diablo Canyon Power Plant Pacific Gas & Electric Company



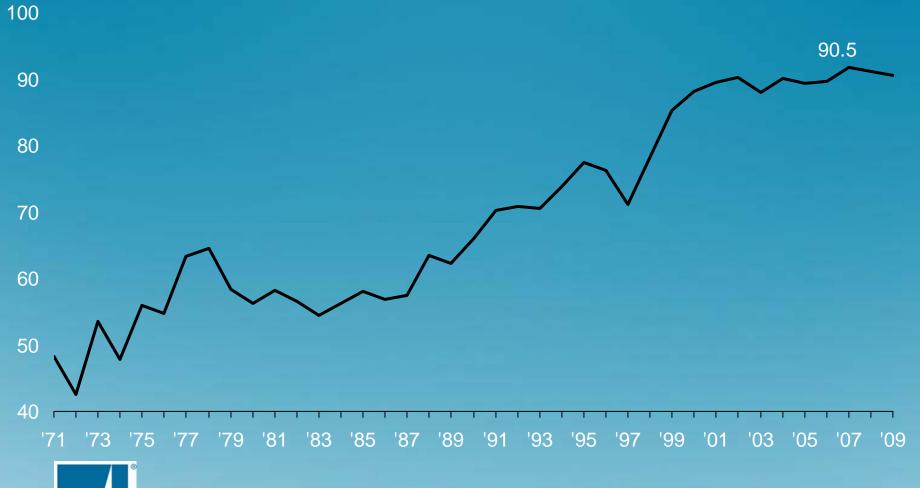
October 26, 2010

## **Operational Performance of US Nuclear Plants**





### U.S. Nuclear Industry Capacity Factors 1971 – 2009, Percent



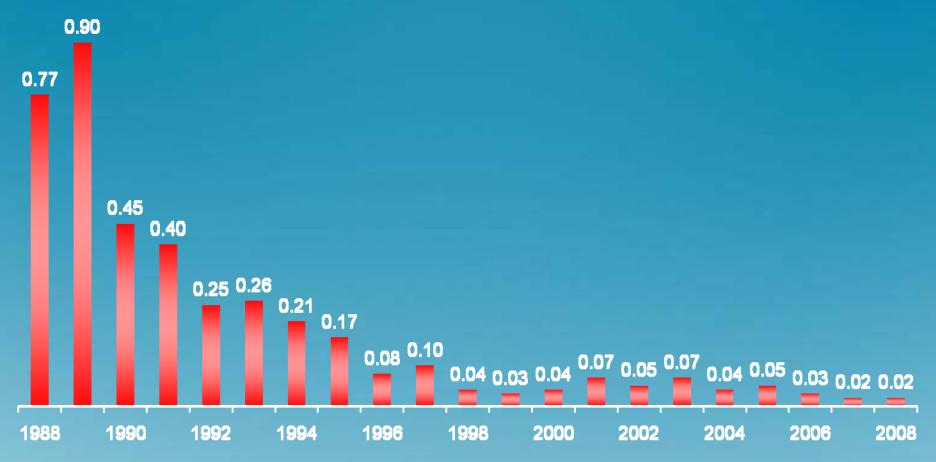
PG&E

Source: Energy Information Administration

Updated: 5/10

#### Significant Events at U.S. Nuclear Plants:

Annual Industry Average, Fiscal Year 1988-2008





Source: NRC Information Digest, 1988 is the earliest year data is available.

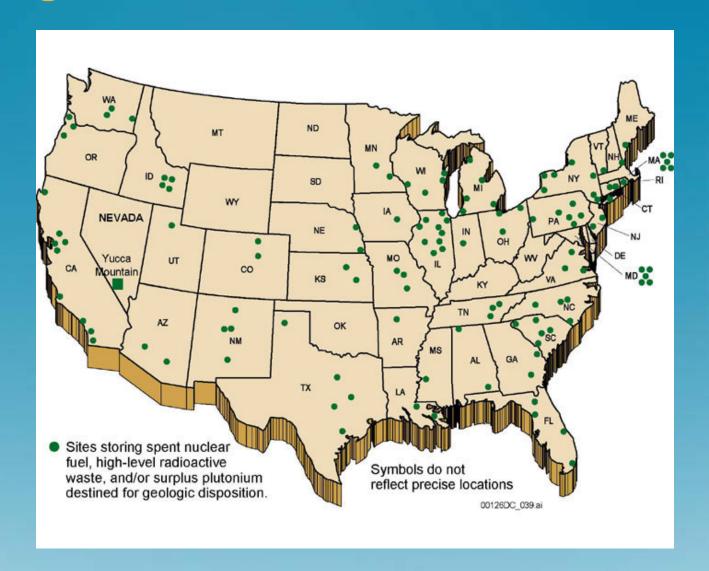
Updated: 4/10

### **Emissions Prevented by U.S. Nuclear Plants**





#### **Storage of Nuclear Material**





### Interim Spent Fuel Storage Installation at Diablo Canyon





# New U.S. Nuclear Plants: Progress and Expectations



### Conclusion



