

# PUBLIC SUBMISSION

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**Docket:** NRC-2009-0552

Notice of Receipt and Availability of Application for Renewal of Diablo Canyon Nuclear Power Plant License

**Comment On:** NRC-2009-0552-0026

Diablo Canyon Power Plant, Units 1 and 2; Notice of Intent to Prepare an Environmental Impact Statement

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## General Comment

I am a retired Civil Engineer, a passionate Environmentalist, and retired from Diablo Canyon Power Plant. I want Diablo Canyon to be relicensed because:

- 1) it runs so clean, it emits no CO no nitric oxide, no ozone or other gas-related pollutants;
- 2) it does not produce any ash to pollute the land or water. All the high-level waste is collected, and safely controlled. The so-called waste is about 95% unspent fuel that could be reprocessed and reused. This is not a technical problem, only a political problem. The waste has no effect on the environment since it is contained in steel and concrete containers. Waste has a very small footprint at Diablo Canyon. I would invite you to take a public tour and see for yourselves.

Diablo Canyon does not emit any radiation to the general public. No one has died from the radiation from a commercial nuclear power plant anywhere in the world, but millions die from the combustion of coal, oil and natural gas to produce electricity at fossil fuel plants.

Diablo Canyon produces about 10% of California's low-cost, carbon-free, very reliable electricity for nearly 3 million Californians without the approximately 6 1/2 million tons of greenhouse gases that would be emitted annually by a fossil fuel plant.

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SORSI Review complete  
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Diablo Canyon runs 24/7 to meet the energy needs of California no matter if we are in a drought season, a rainy season, or if it is night, or if there is no wind, and at the same time meet the state and federal pollution EPA requirements. Fossil fuel plants cannot meet the future EPA pollution requirements with the current technology. Nuclear power provides 63% of the clean electricity in the United States.

Solar and wind have a very limited capacity to meet the energy needs of the future and therefore, must include Diablo Canyon which has a very high capacity factor of above 90%. California has a philosophy of more renewables and energy efficiency. All those things are great, but we know that big, base load power plants are what provide stability for the system. Renewables are intermittent and unreliable, and without having a real strong backbone of nuclear or fossil fuel, the reliability of the grid is jeopardized. However, fossil fuel is dirty. Nuclear is the only clean option. Nuclear power has to be a part of any future clean energy mix, so our children and their children will have abundant, reliable and clean energy.

Diablo Canyon also provides clean water using desalination for the local community.

Thank you.