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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

Document: NRC-2009-0552-DRAFT-0075

Comment on FR Doc # 2015-15921

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OPR 37664

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General Comment

To the NRC:

Diablo Canyon will soon begin supplying desalinated water from it's on site desalination plant to local communities. This plant receives electricity from Diablo Canyon's two atomic reactors, so it is run on emission free electricity.

The desalination plant is certified by the State of California to produce 1.5 million gallons per day. The plant has used this fresh water for years for its own use to not have to tap into local water supplies.

Diablo Canyon uses about one-third of the State licensed total of 1.5 million gallons, so there is ample capacity to serve local residents.

As you know, the State is in a dire, emergency drought. This environmental benefit provided by the emission free atomic plant is widely welcomed by the community. The San Luis Obispo Board of Supervisors voted unanimously (and enthusiastically) to approve this initiative by PG&E's Diablo Canyon power plant.

I hope Governor Brown and the California Legislature take notice of this additional contribution of

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the Diablo Canyon plant to California's biggest environmental problem - this climate change driven drought (New York Times reported many climate scientists now see the drought as not cyclical, but part of the global climate change underway due to excess atmospheric CO2 - 8/21/15)

With this contribution by Diablo Canyon many hope the Governor to see the obvious suggestion this move by the plant represents. We have the largest State in the United States (39 million citizens operating a \$2 trillion economy) in a dire environmental emergency with water running dangerously low. More atom powered plants along the California coast could provide emission free power to replace all the State's fossil fuel usage, and provide millions of gallons of fresh water from the Pacific at the same time.

The Governor, President Obama and the key atomic regulatory agency, NRC, should all work jointly to meet this climate change crisis boldly to initiate construction of more fission powered plants in California. The safety of this proven power source has 30 years of accident free operation at Diablo Canyon, and a US Navy operating accident free for nearly 60 years whereby up to 100,000 crew have now served in atom powered subs and aircraft carriers with a perfect safety record.

How long must this power source go with its perfect record to be deemed completely safe and appropriate for widespread use? Waste is mentioned by some as the problem. But compare atomic waste disposal with disposal of the waste of the only alternative energy fuel usable for base load power - fossil fuel.

Waste disposal of burning fossil fuel is certifiably killing humans all over the world due to ingestion and inhalation of small carbon combustion particles thrown carelessly into our air where it enters the lungs of our children and adults. (reference: American Lung Association, American Heart Association, World Health Organization).

There is absolutely no comparison of treatment of waste of these two power sources. One has killed and is killing masses of people in the millions. The other has a record of neither injuring nor killing a single human being.

The conclusion is beyond obvious - America should save lives and switch power sources to the truly safe source. The NRC plays a big role and deserves major credit for the amazing record of safety of atomic power in the USA.

Finally, it is widely known among atomic scientists new types of reactors are nearly ready for commercial use (from China, Korea, India, Canada, Europe and the US). These new, even safer reactors will be able to use "waste" from existing atomic plants as fuel for the new designs. Free fuel, ready and waiting for use.

The superiority in benefits to the environment and health of atom power is beyond question. Diablo Canyon should be re-licensed in 2024, and again at the next opportunity and more such plants should be immediately encouraged by government and built all over the United States.

The NRC is in a unique position to facilitate and help that to happen for the good of the country, and for the good of planet earth.