

As of: 9/1/15 4:57 PM
Received: August 30, 2015
Status: Pending_Post
Tracking No. 1jz-8ku6-a6c5
Comments Due: August 31, 2015
Submission Type: Web

PUBLIC SUBMISSION

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-0070

Comment on FR Doc # 2015-15921

76

Submitter Information

Name: William P Gloege

Address:

1130 E. Clark Ave., 150-223
Santa Maria, CA, 93455

Email: oflibertysons@yahoo.com

7/1/2015
@FR 37664

RECEIVED

2015 SEP 01 PM 5:24

RULES AND DIRECTIVES
FRANCH
15921

General Comment

The Diablo Canyon Power Plant has served the area for 30 years this month. The plant is an environmental gift to San Luis Obispo County and the whole section of the California Coastal area.

This area is noted for cleaner, clearer air. This is because Diablo Canyon emits no smoke, no soot, no ozone to endanger health of citizens compared to coal, oil and gas plants.

Diablo Canyon generates base load power of two billion, three hundred million watts of power, day and night, sun or no sun, wind or no wind. This keeps our great State going with tremendous power we want to run our homes, businesses and industry.

Yet it inflicts no health damaging pollutants to harm fauna or flora. The Port San Luis Commercial Fisherman's Association reports catches of fish, squid, shrimp, mussels are increasing significantly over the last ten years. This is undoubtedly due to the clean environment enabled by a large power plant that emits none of the deadly pollutants of conventional fossil fuel plants found elsewhere.

The Union of Concerned Scientists prepared a document titled, "The Hidden Cost of Fossil Fuels that tells of the unseen health and environmental damage done by conventional power plants and other sources using fossil fuel for power. They reported, "...some energy costs are not included in consumer utility bills, nor are they paid for by companies that produce or sell energy. These

add = m. Gloege = m. a.

Template = AD14-013

include human health problems caused by air pollution from the burning of coal and oil; damage to land from coal mining and to miners from black lung disease; environmental degradation caused by global warming, acid rain, and water pollution; and national security costs, such as protecting foreign sources of oil.

"Many of the environmental problems our country faces today result from our fossil fuel dependence. These impacts include global warming, air quality deterioration, oil spills [as with the recent large spill at Refugio Beach near Santa Barbara] and acid rain."

Diablo Canyon power plant and all such plants using the clean power from the nucleus of the atom avoid all these serious, costly, dangerous threats to our citizens and to our environment.

In August of 2011 Scientific American wrote about the health care burden of using fossil fuels. "Burning fossil fuels releases significant quantities of carbon dioxide, aggravating climate change." Climate change is responsible today for the serious drought in California and the West according to an article on the front page of the New York Times, August 21, 2015.

Atomic power avoids all these negative impacts on the environment and on human health. We urge the NRC to do all in its power to see California and the United States switches to this clean, safe, pro environment power source at the earliest possible time. The fate of the planet and all life on it, very much including human life, depends on making this change at the earliest possible time and the NRC is in a vital position to facilitate and speed this change.

Regarding the safety to humans of using power of the atom, the US Navy made a 100% commitment to use of atomic power for all its large vessels such as submarines and air craft carriers (crew of over 6,000 on some carriers) starting in 1955. Since that time an estimated 100,000 crew have rotated through duty on these ships, working, sleeping and eating immediately near very powerful reactors.

In all that time not one crew has been harmed by radiation or any other effect of the reactors. Follow up studies of these crew shows no health impacts after leaving service.

The full commitment of our US Navy to the power of the atom and the 100% success flowing from that commitment proves this power source is safe for people as it is good for the environment.

The Scientific American article "The Human Cost of Energy, Fossil fuels exact the biggest toll in terms of lives lost"(8/16/11) lists this health burden exacted by burning fossil fuels (mean number of cases per year): Pneumonia hospital admissions - 4,040, Cardiovascular ills (hospital admissions) - 9,720, Premature Deaths - 30,100, Acute bronchitis cases - 59,000, Asthma attacks - 603,000, Lost workdays - 5,130,000.

These illnesses and deaths are caused by emissions of smoke, soot, ozone, in the form of tiny particulate matter resulting from burning fossil fuels. Diablo Canyon's 2,300 Megawatts are produced free of these deadly waste particles that go into the air and then into our lungs. Waste from Diablo Canyon energy production is securely and carefully stored in thick concrete casks that are further encased in stainless steel. This waste has a 100% perfect safety record of never harming a single human in the 60+ years of atom power use.

Diablo Canyon will soon furnish desalinated water to locally to benefit health and environment.

In conclusion, regarding environmental damage there is no comparison between these two base load power sources for producing electricity.