

## Diablo Canyon Steam Generator Replacement Project

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**From:** Crrikit@aol.com  
**Sent:** Monday, November 08, 2004 3:48 PM  
**To:** diablocanyon@aspenerg.com  
**Subject:** Diablo canyon EIR

Carrie Filler  
1079 Balboa St.  
Morro Bay, CA 93442  
crrikit@aol.com

The narrowness of scope to this EIR in the PG&E Steam Generator Replacement Project is at the very least an unfair evaluation of the possible environmental consequences should this project be completed. This is not simply an EIR for a construction project. By limiting the range of what needs to be considered in this EIR approaches criminal negligence. Economic arguments and pressures are being exerted to make it appear that the replacing these prematurely deteriorating generators makes the most sense. The "no project alternative" greatly reduces the statistically probability of large negative impacts to the environment.

As the California population grows and electrical demand loads increase, the percentage of power supplied from this facility will diminish. The balance or ratio of significant environmental impact vs. consumer economic need starts to fail in a decision-making matrix. Rates to the consumers will keep going up in a disproportionate rate to the actual percentage of power used from this facility. And the possible environmental impacts will only be increasing as the by-products of this generate type continue to mass on the site.

PG&E is a business, a for-profit business, and they have responsibilities and duties to manage their equipment and personnel to stay in business and be profitable. The environmental impacts to be sustained from the removal and replacement of these 8 steam generators should not be tolerated. Why is necessary for this replacement to occur? Why are these components failing at such an alarmingly immature age?

1. The generators initially purchased and installed are not as structurally sound as they were purported to be at the time of purchase. Note that other nuclear generating facilities that bought the same equipment later sued Westinghouse, the makers of the equipment, but PG&E did not pursue this option for monetary recovery.
2. PG&E allowed sustained bad management practices in the improper treatment of these generators and their boilers. Quick, cheap and inappropriate "patches" were continually used to balance the water chemistry despite warnings from their own engineering staff of the effects. This choice of management of the water chemistry directly impacted the early failure rate of the equipment.

PG&E could should have known that the equipment in mention was faulty from the beginning, and that their on-going maintenance approach and attitude would compromise the functional integrity of the said equipment. Why do these clearly bad business decisions and actions become the ratepayer's responsibility? How do these clearly bad business decisions the validate the needs to continue the environmental assaults and degradation?

Californians deserve better than this. This is expensive and reckless way to boil water considering the waste by-product of the process. New innovations and technologies exist today that will help Californians meet their energy demands and will create many jobs and be much less devastating to the environment. The balance of this type of combination is a much more fair ratio of economic needs vs. environmental impacts.

366 1/2 Palomar Av.  
Shell Beach, 93449 CA  
USA  
betsmarc@charter.net

2004/11/07

California Public Utilities Commission  
505 Van Ness Ave  
San Francisco  
CA 94102-3298

Dear Sirs,

This letter formally re-states public input from the meeting held in San Luis Obispo Public Library on October 27th 2004, related to the Steam Generator Replacement Project at Diablo Canyon Nuclear Power Plant.

The scope of the Environmental Impact Report for the steam generator replacement project at Diablo Canyon Nuclear Power Plant MUST fully address the following issues to assure protection of San Luis Obispo residents and all PG&E ratepayers:

- new seismic information
- security enhancements that will be required to provide defense-in-depth at Diablo's expanding high-level radioactive waste facility
- impacts of a projected 39% of PG&E workforce becoming eligible for retirement during the planned project
- alternatives to replacement of steam generators
- likelihood of license renewal

The EIR must consider all environmental impacts which could occur from 2014-2025.

We have relied on your expertise and guidance, and the watchful eye of Mothers for Peace, to keep us safe all these years. This is not a construction EIR and cannot be approached from that narrow perspective. We cannot -- our families cannot -- afford to have you become shortsighted at this time.

Sincerely,

Betsey Nash & Marci Powers

375 Surf St  
Morro Bay, 93442 CA  
davidweisman@charter.net

2004/11/05

California Public Utilities Commission  
505 Van Ness Ave  
San Francisco  
CA 94102-3298

Dear Sirs,

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This is not an EIR for a construction project; it is not that simple and to masquerade it as such is insulting. It is a defacto permit to continue the production of radioactive waste in a seismic coastal zone. Therefore, the scope of the EIR must include all impacts that might occur--seismic, security, terrorism--that will continue to exist as long as nuclear power generation continues at this site. And replacing the steam generators will make that possible. These costs and impacts must be evaluated.

Sincerely,

David Weisman

595 Kings Ave.  
Morro Bay, 93442 Ca  
US  
debbiehighfill@yahoo.com

2004/11/08

California Public Utilities Commission  
505 Van Ness Ave  
San Francisco  
CA 94102-3298

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Sincerely,

Debbie Highfill

872 MacArthur Blvd  
San Francisco, 95125 CA  
USA  
archaikclothing@aol.com

2004/11/07

California Public Utilities Commission  
505 Van Ness Ave  
San Francisco  
CA 94102-3298

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Sincerely,

Isaac Wollman

PO box 2478  
Avila Beach, 93424 CA  
usa  
dusteroo@charter.net

2004/11/08

California Public Utilities Commission  
505 Van Ness Ave  
San Francisco  
CA 94102-3298

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Sincerely,

Joyce e. Palaia

2733 NE 100th Street  
Seattle, 98125 WA  
USA  
jvmw@email.msn.com

2004/11/07

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505 Van Ness Ave  
San Francisco  
CA 94102-3298

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Sincerely,

Julia Valentine



14373 Gerona Court  
San Diego, 92129-1728 CA  
USA  
katsan@ixpres.com

2004/11/07

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505 Van Ness Ave  
San Francisco  
CA 94102-3298

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Sincerely,

Kathleen L. Sanders

104 North Ashland  
Lexington, 44308 KY  
USA  
khoffma@pop.uky.edu

2004/11/07

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505 Van Ness Ave  
San Francisco  
CA 94102-3298

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Sincerely,

Kay Hoffman

217 Westmont Ave  
San Luis Obispo, 93405 CA  
USA  
lindaseeley@charter.net

2004/11/07

California Public Utilities Commission  
505 Van Ness Ave  
San Francisco  
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Sincerely,

Linda Seeley

136 Ritchie Court  
Grover Beach, 93433 Ca  
USA  
ldonegan@calpoly.edu

2004/11/08

California Public Utilities Commission  
505 Van Ness Ave  
San Francisco  
CA 94102-3298

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The EIR must consider all environmental impacts which could occur from 2014-2025.

Protect our citizens and more importantly, our children.

Sincerely,

Lorraine Donegan

1315 4th Ave  
San Francisco, 94122 CA  
USA  
msmun@aol.com

2004/11/08

California Public Utilities Commission  
505 Van Ness Ave  
San Francisco  
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With all of the stated concerns about terrorism, and all of the known environmental hazards of nuclear waste materials, there simply must be a less expensive and less dangerous way to produce electricity for Californians than continuing to support this aging nuclear plant.

Sincerely,

Maric Munn

8455 Graves Creek Road  
Atascadero, 93422 Ca  
USA  
martybrown@tcsn.net

2004/11/06

California Public Utilities Commission  
505 Van Ness Ave  
San Francisco  
CA 94102-3298

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Sincerely,

Marty Brown

217 Westmont Ave  
San Luis Obispo, 93405 CA  
USA  
mwoollman@calpoly.edu

2004/11/07

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505 Van Ness Ave  
San Francisco  
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Sincerely,

Michael Wollman

261 Hermosa Way  
San Luis Obispo, 93405 CA  
U.S.A.  
mflom@calpoly.edu

2004/11/08

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San Francisco  
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First of all, I'd like to thank the members of this committee for granting the San Luis Obispo community an opportunity to share our concerns. And as to my concerns: The investment of another 700 million dollars of ratepayers money into Diablo Canyon Nuclear Power Plant. If the replacement of these eight steam generators were a local referendum, this ratepayer would vote no. And I know, based on numerous conversations, that I am speaking for many other resident ratepayers who are not present tonight. I applaud this commission for your decision to prepare an Environmental Impact Report. I assume this report will take into account the ramifications of a possible terrorist attack, or an accident resulting from a major earthquake, as well as the maintenance required for long-term containment of the nuclear waste generated on the site.



And I would ask that when you are considering the possible environmental and economic effects on the local community that you keep in mind the Price Anderson Act, renewed Nov. 27, 2001. The Price Anderson Act "limits the liability of nuclear power plant operators to a tiny fraction of the potential costs of an accident—terrorist sponsored or otherwise. (This) act (also) prevents insurance companies from suing the nuclear power industry to recover damages—which is why insurance companies can't afford to include nuclear accidents in homeowner's coverage." \* The renewal of this act admits that the nuclear industry would be unable to "survive in a free-market system":\* And what this bill means for local homeowners, in the event of any Diablo mishap, is that we're up a creek without a paddle. I applaud this commission for investigating the replacement of Diablo nuclear plant with some other source or sources of electrical power on the existing site. I strongly urge you to assist PG&E in moving forward into a future that is both more economically viable and safer. \* Matt Bivens, "Who Pays for Nuclear Power?" The Nation, (posted online Nov. 30, 2001).

Sincerely,

Michele Rene Flom

6290 Hawk Ridge Place  
San Luis Obispo, 93451 CA  
USA  
mollypj@yahoo.com

2004/11/08

California Public Utilities Commission  
505 Van Ness Ave  
San Francisco  
CA 94102-3298

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Sincerely,

Molly P Johnson

1501 Quintana Rd.  
Morro Bay, 93442 California  
USA  
nancyhf@slonet.org

2004/11/08

California Public Utilities Commission  
505 Van Ness Ave  
San Francisco  
CA 94102-3298

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Sincerely,

Nancy H. Ferraro

467 Luneta Drive  
San Luis Obispo, 93405 CA  
USA  
norwood@slonet.org

2004/11/07

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505 Van Ness Ave  
San Francisco  
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Sincerely,

Nancy and Tom Norwood

1302 Linden  
Minneapolis, 55403 MN  
US  
lotusbirth333@aol.com

2004/11/07

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505 Van Ness Ave  
San Francisco  
CA 94102-3298

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Sincerely,

Nicholas Homick

1309 - 22nd St.  
Oceano, 93445 CA  
USA  
ArtisticHealer@msn.com

2004/11/05

California Public Utilities Commission  
505 Van Ness Ave  
San Francisco  
CA 94102-3298

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**THIS IS NOT A CONSTRUCTION EIR!**

Sincerely,

Nina Grabiell

POB 3132  
California Valley, 93453-3132 CA  
USA  
veesart@sierraclub-sac.org

2004/11/08

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505 Van Ness Ave  
San Francisco  
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Sincerely,

Patrick Veesart

P. O. Box 1936  
Carlsbad, 92018 CA  
USA  
rhoffman@animatedsoftware.com

2004/11/07

California Public Utilities Commission  
505 Van Ness Ave  
San Francisco  
CA 94102-3298

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November 7th, 2004 To Whom It May Concern: California should shut its lousy old nukes down - - PERMANENTLY. Our four nuclear generators (two each at San Onofre and Diablo Canyon) have had a long list of problems and "need" major upgrades to keep running. But even with replacement of critical parts, the plants are still going to be filled with old, embrittled, rusted, corroded, dilapidated, crumbly, irradiated, explosive parts and assemblies, making the whole thing prone to outages, fires, leaks, spills, discharges, radioactive steam bursts, and not to mention, more susceptible to the effects of earthquakes, including offshore earthquakes leading to colossal waves, tornados (there was a water spout (offshore tornado) off Dana Point not too long ago or far away), asteroid impacts, security weaknesses and oh, did I forget to mention



they are LIKELY targets of international and possibly even domestic terrorism? Furthermore, nuclear power plants contribute to the current and growing Global Police State and Erosion of Democratic Principles by -- in order to continue to exist -- forcing society to pretend that NONE of these things I've just mentioned (and many others) are actually serious concerns. Yet in fact, EACH OF THEM could AND SHOULD get the plants shut down if given fair consideration. Large-scale renewable energy systems such as off-shore combined wind-and-wave-energy farms will certainly cost in the billions to build -- but so what? They will provide enormous power at annual savings over the nuclear option of hundreds of tons of high level radioactive waste -- and the money to pay for guarding that waste. There is no place to store the old waste. Yucca Mountain is fraught with technical problems, strongly opposed by the fastest-growing community in America (Las Vegas), opposed by every elected official from the State of Nevada, and opposed by every community which might have nuclear waste transported through their premises. So every NEW 250 pounds of nuclear waste (the DAILY output from ONE reactor) will need to be carefully guarded and watched for thousands of years. That will cost MILLIONS of dollars -- money the nuclear industry does not figure into its economic calculations. The cost of economic damage from an accident are not included either. Nor are thousands of other costs -- that's why "nukes look good on paper." But they are in fact, a financial rat-hole. Thank you. Russell Hoffman Concerned Citizen Author, "25 simple ways 25 terrorists (or less) could destroy a nuclear power plant in 25 minutes (or less) using \$25,000 in equipment (or less), with 25 days of training (or less)" Carlsbad, CA (full contact information appears below) Addendum: Dr: Helen Caldicott: Nuclear Power still a deadly proposition (August 17th, 2004): -----

----- Nuclear power still a deadly proposition  
By Helen Caldicott Originally published August 17, 2004 in The Baltimore Sun WHILE VICE PRESIDENT Dick Cheney is actively promoting nuclear power as a significant plank in his energy plan, he claims that nuclear power is "a safe, clean and very plentiful energy source." The Nuclear Energy Institute, the policy organization of the nuclear energy and technologies industries, is currently running an energetic campaign for the revivification of nuclear power. Ubiquitous TV and radio ads carry the admonition that "Kids today are part of the most energy-intensive generation in history. They demand lots of clean electricity. And they deserve clean air." Also, a consortium of 10 U.S. utilities has requested funding from the federal government for the construction of new reactors based on a European design, and they hope to receive government approval by 2010. This is a major policy change since no new nuclear reactors have been ordered in the United States since 1974. Nevertheless, the claims of the Mr. Cheney and the nuclear industry are false. According to data from the U.S. Energy Department (DOE), the production of nuclear power significantly contributes both to global warming and ozone depletion. The enrichment of uranium fuel for nuclear power uses 93 percent of the refrigerant chlorofluorocarbon (CFC) gas made annually in the United States. The global production of CFC is banned under the Montreal Protocol because it is a potent destroyer of ozone in the stratosphere, which protects us from the carcinogenic effects of solar ultraviolet light. The ozone layer is now so thin that the population in Australia is currently experiencing one of the highest incidences of skin cancer in the world. CFC compounds are also potent global warming agents

10,000 to 20,000 times more efficient heat trappers than carbon dioxide, which itself is responsible for 50 percent of the global warming phenomenon. But nuclear power also contributes significantly to global carbon dioxide production. Huge quantities of fossil fuel are expended for the "front end" of the nuclear fuel cycle -- to mine, mill and enrich the uranium fuel and to construct the massive nuclear reactor buildings and their cooling towers. Uranium enrichment is a particularly energy intensive process which uses electricity generated from huge coal-fired plants. Estimates of carbon dioxide production related to nuclear power are available from DOE for the "front end" of the nuclear fuel cycle, but prospective estimates for the "back end" of the cycle have yet to be calculated. Tens of thousands of tons of intensely hot radioactive fuel rods must continuously be cooled for decades in large pools of circulating water and these rods must then be carefully transported by road and rail and isolated from the environment in remote storage facilities in the United States. The radioactive reactor building must also be decommissioned after 40 years of operation, taken apart by remote control and similarly transported long distances and stored. Fully 95 percent of U.S. high level waste -- waste that is intensely radioactive -- has been generated by nuclear power thus far. This nuclear waste must then be guarded, protected and isolated from the environment for tens of thousands of years -- a physical and scientific impossibility. Biologically dangerous radioactive elements such as strontium 90, cesium 137 and plutonium will seep and leak into the water tables and become very concentrated in food chains for the rest of time, inevitably increasing the incidence of childhood cancer, genetic diseases and congenital malformations for this and future generations. Conclusion: Nuclear power is neither clean, green nor safe. It is the most biologically dangerous method to boil water to generate steam for the production of electricity. Helen Caldicott, a pediatrician, is president of the Nuclear Policy Research Institute and author of *The New Nuclear Danger, George Bush's Military Industrial Complex* (The New Press). She lives near Sydney, Australia. -----

Sincerely,

Russell D. Hofman

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2004/10/28

California Public Utilities Commission  
505 Van Ness Ave  
San Francisco  
CA 94102-3298

Dear Sirs,

This letter formally re-states public input from the meeting held in San Luis Obispo Public Library on October 27th 2004, related to the Steam Generator Replacement Project at Diablo Canyon Nuclear Power Plant.

The scope of the Environmental Impact Report for the steam generator replacement project at Diablo Canyon Nuclear Power Plant MUST fully address the following issues to assure protection of San Luis Obispo residents and all PG&E ratepayers:

- new seismic information
- security enhancements that will be required to provide defense-in-depth at Diablo's expanding high-level radioactive waste facility
- impacts of a projected 39% of PG&E workforce becoming eligible for retirement during the planned project
- alternatives to replacement of steam generators
- likelihood of license renewal

The EIR must consider all environmental impacts which could occur from 2014-2025.

Sincerely,

Russell Ferriday

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2004/11/08

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505 Van Ness Ave  
San Francisco  
CA 94102-3298

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Sincerely,

Russell Hodin

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San Luis Obispo, 93405 CA  
USA  
smarx@calpoly.edu

2004/11/07

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San Francisco  
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Sincerely,

Steven Marx

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2004/11/08

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San Francisco, CA 94102-3298

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I attended the CPUC hearings held in San Luis Obispo. I was certainly underwhelmed. There was no transcriptionist or even tape recorder. There was only one CPUC staff and the moderator was a PR person trained to keep the public happy. You have to understand that this issue is critical to the residents of our county. We cannot continue to pile up used, highly radioactive waste indefinitely when there is no place to store it, especially since the plant is on an active earthquake fault. From every position, be it financial, commercial, or environmental, the plan for replacing the steam generators should be denied. It is too expensive, the risk to the business community of a nuclear accident is high, and the citizens face the terror of being exposed to highly radioactive rays. Please, I beg of you, deny this request. Jacquelyn Wheeler

Sincerely,

jacquelyn wheeler

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nancygraves@hotmail.com

2004/11/08

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505 Van Ness Ave  
San Francisco  
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Sincerely,

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