

**DOCKETED**

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*Comment Received From: Mary Beth Brangan  
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**Diablo Canyon must close asap!**

*Additional submitted attachment is included below.*

**To: California Energy Commission – CAISO - Gov Newsom - Legislators**

An extension of operation for Diablo Canyon would be a monumental mistake.

All the arguments presented for continued operation of Diablo Canyon demonstrate how centralized power grids, using huge base loads such as Diablo Canyon reactors, are hopelessly outdated. Micro-grids provide the flexibility and resilience required for the modern renewable-energy-based grid.

However, for many years additional renewables and solar capacity have been thwarted by the base load of Diablo Canyon which is inflexible and must operate 24/7. The legacy IOU utilities blocked additional renewable energy sources and conservation in many ways politically and legally and crucial interties were also blocked. Despite this, the equivalent of Diablo's energy output has already been replaced on our grid many times over. We certainly don't need its energy output and in fact, it prevents the efficient uptake of renewable energy. PG&E actually said this in their 2016 agreement to close it by 2024/25. Additionally, PG&E has lost approximately half their customer base who have fled to CCA's throughout the state.

All pro-Diablo extension speakers have said safety is paramount. However, among other dangers, they ignore the routine release during normal operation of Diablo Canyon (and of all nuclear reactors) of extremely dangerous, long-lived radioisotopes and fission products into the air, ocean and water.

And by the way, carbon IS produced, not only during the mining, fuel fabrication and construction of these behemoth industrial sites, but also during normal reactor operation. And it's RADIOACTIVE CARBON – Carbon14!

Plus, the constant production of spent nuclear fuel, the most dangerous substance produced by humans that lasts millions of years and for which there is no adequate management plan, will continue to accumulate onsite in thin steel canisters prone to stress corrosion cracking.

This tyrannical, undemocratic process where Gavin Newsom exempts all legal environmental protections is disgusting and risks the health and viability of our beautiful state.

Don't commit this monumental mistake!

Mary Beth Brangan