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Comment Received From: Petr Zhilin
Submitted On: 8/11/2022
Docket Number: 21-ESR-01

Save Diablo Canyon

Dear California Energy Commission,

I have been an an avid supporter of nuclear power for years at this point. While this may give me a bias, I strongly recommend you ignore my bias in order to do something necessary for the California environment.

Firstly, it is important to understand that, as noted in my blog post which will be listed below, that there isn't enough battery capacity for the other half of the day when solar isn't available;

https://cal-nuclear.blogspot.com/2022/07/can-batteries-replace-diablo-canyon.html

In fact, in most cases, renewables rarely if ever replace nuclear, as was the case with San Onofre's closure in 2012 which led to a 3 year increase in emissions and 37 million tons of CO2 (as noted here by a report by the Breakthrough institute: https://thebreakthrough.org/blog/the-closure-of-san-onofre-nuclear-power-plant-increased-emissions-in-california-by-37-million-metric-tons-of-co2e). Use those batteries instead to reduce Natural Gas use rather than stupidly insisting on replacing zero carbon energy with zero carbon energy.

Secondly, there is the fact that the Decommissioning costs are in the billions, more accurately, 4.5 billion and that this has already been used to justify price raises in the years before.

Thirdly, there is the economic benefit of the plant. The fact is that based on this joint MIT-Stanford study, extending the life of the plant would save 2.5 billion dollars in system costs and extending it through 2045 would multiply those savings by over 20 billion dollars (study in question: https://energy.stanford.edu/sites/g/files/sbiybj9971/f/diablocanyonnuclearplant_report_11.19.21.pdf)

Thank you for your attention, from Petr

Additional submitted attachment is included below.

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