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## **Keep Diablo Canyon NPP running**

If Diablo Canyon closes, there will be more greenhouse gas emissions in California. California has already witnessed rising emissions due to the premature closure of San Onofre NPP. Whenever I drive by San Onofre on I-5, It makes me sad to think of the employees who lost their jobs, and the Californian residents with asthma and other respiratory diseases who are suffering more so now that San Onofre's clean electricity generating capacity is being replaced with fossil fuels. As a PhD candidate in nuclear engineering, and as a member of the public with many friends and relatives in southern California, I urge the state of California to not proceed with any foolish actions that would prevent Diablo Canyon from receiving a 20 year license extension. Foolish actions include the crusade by the State Water Resources Control Board (SWRCB) to force Diablo Canyon to install cooling towers. The warm water currently emitted by Diablo Canyon has a tiny impact on the California coastline's vitality relative to other sources of industrial and agricultural runoffs, and this warm water has a miniscule impact on the Pacific Ocean as a whole. However, the forced and costly installation of cooling towers for a middle-aged plant would undoubtedly be a death knell for Diablo Canyon and thus would be a major negative impact on California's GHG emission contributions. As it stands, California lags the national average in CO2 reductions (7.5 % CA vs 9.6 % national reduction from 2000 to 2013). Diablo Canyon produces about twice as much electricity annually as all the solar panels in California that have required generous feed-in-tariffs and more than a decade to install. Closing Diablo Canyon would make California's 2030 GHG emission target even less realistic, especially with hydropower output continuing to be greatly suppressed due to the persisting drought. Save Diablo Canyon and nuclear power in California!