

## DOCKETED

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*Comment Received From: Dr. Alexander B. Cannara*

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## **Preservation of Diablo Canyon NPP's operation & San Onofre restoration**

Climate/Ocean change necessitates increased nuclear power worldwide, as explained by numerous environmental scientists\*. In addition, the schedule for review of the CEC draft should be extended to allow more reasonable public examination.

In addition to prior comments on the IEPR, below are examples of the many climate and other scientists\* who have been publicly explaining why large additions to nuclear power are required worldwide. This means that California's policy should not emphasize gas combustion and its implicit use to back up variable solar & wind sources, but expansion of our state's nuclear facilities.

This includes continued operation of Diablo Canyon plus repair and restart of San Onofre. No safety or engineering reasons exist to prevent such action. In addition, CEC should request the State Attorney General to investigate the means by which SCE and others achieved the present shutdown.

California will not meet the energy/climate goals set by Governor Brown if it continues building gas-fired power plants to back up wind & solar 'farms'. Just to meet present needs part of the time, an area of California equal to the entire area of New York state would be required to be confiscated. The waste of resources and environmental threats of such actions would disgrace California, whose past leadership in energy efficiency and pollution has been laudable.

That ceased on Earth Day 2014, when it was revealed worldwide that California had joined Germany and Japan in increased emissions. In our case, that was simply due to the San Onofre shutdown. That needs reversal, which is just as possible as was repair & restart of Davis-Besse in Ohio in 2015: <http://tinyurl.com/mem8lhq>

Finally, the IEPR draft made public requires significant editing and change. I request that the date of final public comment hearing be moved further into the future, by at least a few weeks.

Sincerely,

Dr. A. Cannara 650-400-3071

\* Lovelock 2013: "We nuclear power soon"...

<https://www.youtube.com/watch?v=mYP22KfI8lw&feature=youtu.be>

<http://tinyurl.com/kn22qcn> (James Hansen)

<http://tinyurl.com/necct2l>

<http://tinyurl.com/qde7dsc>

<http://seekerblog.com/2015/03/10/james-hansen-calls-out-big-green-part-2/>

<http://tinyurl.com/nh3bsh6>

"I also recommend that the public stop providing funds to anti nuke environmental groups. Send a letter saying why you are withdrawing your support. Their position is based partly on fear of losing support from anti-nuke donors, and they are not likely to listen to anything other than financial pressure. If they are allowed to continue to spread misinformation about nuclear power, it is unlikely that we can stop expanded hydro-fracking, continued destructive coal mining, and irreversible climate change."

[www.dailymail.co.uk/news/article-2486894/Scientists-urge-climate-groups-nuclear-power-warn-wind-solar-fulfil-worlds-energy-needs.html](http://www.dailymail.co.uk/news/article-2486894/Scientists-urge-climate-groups-nuclear-power-warn-wind-solar-fulfil-worlds-energy-needs.html)

<http://decarbonisesa.com/2014/06/30/another-climate-scientist-joins-calls-for-nuclear/> (Hoegh-Guldberg)

<http://www.sunshinecoastdaily.com.au/news/scientists-tell-greenies-embrace-nuclear-save-plan/2502717/>

<http://www.coastreporter.net/climate-scientist-says-rational-threat-assessment-needed-for-nuclear-power-1.1776075>  
<https://www.youtube.com/watch?v=lXTPKGuQhzQ&feature=youtu.be>  
[http://www.science20.com/news\\_articles/james\\_hansen\\_to\\_mitigate\\_climate\\_change\\_nuclear\\_energy\\_should\\_be\\_included-154923](http://www.science20.com/news_articles/james_hansen_to_mitigate_climate_change_nuclear_energy_should_be_included-154923)  
<http://thoriumforum.com/open-letter-those-influencing-environmental-policy-opposed-nuclear-power>  
<http://tinyurl.com/m5qp8vf>  
[http://dotearth.blogs.nytimes.com/2014/01/24/more-views-on-nuclear-power-waste-safety-and-cost/?\\_php=true&\\_type=blogs&\\_php=true&\\_type=blogs&\\_r=1](http://dotearth.blogs.nytimes.com/2014/01/24/more-views-on-nuclear-power-waste-safety-and-cost/?_php=true&_type=blogs&_php=true&_type=blogs&_r=1)  
[www.slideshare.net/Revkin/dot-nuclear-1-2214-lettersigned-by-4-nuclear-scientists-and-engineers](http://www.slideshare.net/Revkin/dot-nuclear-1-2214-lettersigned-by-4-nuclear-scientists-and-engineers)  
<https://www.facebook.com/download/823098194404759/An-Open-Letter-to-Environmentalists.pdf>  
<http://scitation.aip.org/content/aip/magazine/physicstoday/news/10.1063/PT.4.2433>  
<http://world-nuclear.org/info/Current-and-Future-Generation/The-Nuclear-Debate/>