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Comment Received From: William P Gloege

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Earthquake protection for solar and wind power sources

Dear CEC Commission:

Anti nuclear Intervenor themselves state Diablo Canyon is earthquake safe, but what about other renewable power sources like geothermal, wind and solar? Contrasting their earthquake vulnerability with nuclear power shows again why re-enforced nuclear plants like Diablo Canyon are superior - for one more reason.

These other renewable power generators have little, and usually no earthquake protection from earthquakes whatsoever, while Diablo Canyon is armed with protection beyond what will ever be necessary according to experts.

In the event of emergency from a large earthquake, solar, and wind power generation is highly likely to fail. Power from these facilities will not to be restored until all repairs are made. Such repairs could take weeks or months to complete, while Diablo Canyon has, with its overbuilt earthquake protections, the ability to be up and running again in hours or less.

To restate the point: Loss of power from other renewable sources for lengthy periods is highly likely, while Diablo Canyon (and most nuclear plants) are not.

The list of reasons why nuclear power is clearly the superior energy source keeps growing: Operation 24/7 at near maximum capacity, ability to supply reliable, continuous base load power for business and residential sources, the absence of any earth-warming CO2 emissions at all, the absence of deadly waste of smoke, soot and ozone emitted directly into our local air and citizens lungs, proven nuclear secure storage of waste with zero accidents or injury over life of nuclear power generation's life (60+ years) and more.

The Commission is urged to insure the superior energy source represented by nuclear power is made a permanent feature of California Energy and that the Commission will lend its full support to doing whatever it takes to increase the number of nuclear plants serving California needs (this should include an initiative to reopen the insignificantly damaged plant at San Onofre).