

DOCKETED

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Document Title:	Comments Regarding Fault Systems Around Diablo Canyon Nuclear Power Plant
Description:	Worldwide Surge in 'Great' Earthquakes Seen In Past 10 Years
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California Energy Commission
CEC Commissioners
Robert B. Weisenmiller, Ph.D.
Chairman

January 26, 2015

Hello Chairman Weisenmiller, California Energy Commission Members & Staff,

Your many good works are very much appreciated.

As you know, the Diablo Canyon nuclear power plant was originally designed to ride out a 6.75 magnitude earthquake but was later upgraded to withstand a 7.5 magnitude quake. This short-sighted thinking has put us all in harm's way.

PG&E has continuously underestimated the challenge of building a nuclear plant within California's "Ring of Fire". There's a confluence of 13 "known" fault systems around and under the plant. The east-west trending Diablo Cove Fault runs directly under Unit 1's reactor. It projects offshore and intersects with the seismically active Shoreline Fault. The Shoreline Fault, less than a mile from the plant, was discovered in 2008 and may be connected to the Hosgri Fault or other faults to its east. The Hosgri Fault, located just 2½ miles offshore, is a right-lateral strand of the San Andreas Fault system. The tremendous earth-shaking power of the Hosgri Fault could be triggered by a rupture beginning on the Shoreline Fault Line.

October 26, 2014 - Headline: Worldwide Surge In 'Great' Earthquakes Seen In Past 10 Years

"The annual number of "great" earthquakes nearly tripled over the last decade, providing a reminder to Americans that unruptured faults like those in the northwest United States might be due for a Big One."

<http://www.nbcnews.com/science/science-news/worldwide-surge-great-earthquakes-seen-past-10-years-n233661>

September 15, 2014 - Headline: Expect The Unexpected: More 9.0 Mega-Quakes Are Coming, Study Says

"No one should be surprised if a magnitude-9 mega-quake erupts off America's West Coast — or anywhere else around the Pacific Ocean's "Ring of Fire," for that matter."

<http://www.nbcnews.com/science/environment/expect-unexpected-more-9-0-megaquakes-are-coming-study-says-n203936>

You have the power to stop the Diablo Canyon nuclear power plant from becoming another Fukushima-like nuclear catastrophe....Let's Close Diablo Down, it's the right thing to do.

All the Best,

Harvey Sherback
Berkeley, California