

Here at Diablo Canyon Power Plant, we are proud of the role we play in generating 17-percent of California's clean energy and nearly nine percent of the state's total electricity supply. And there's nothing more important to us than its safe operation.

We are often asked if the plant can withstand earthquakes? The answer is yes, and it's based on how the plant was designed and our continued studies of how earthquakes might impact the plant.

Diablo Canyon is built to a higher safety standard than other commercial and industrial buildings. Our systems, components and support structures are designed to remain intact, with key safety systems continuing to operate, even after a major earthquake.

Since the 1980s, our team of geosciences professionals has worked with independent seismic experts. This program is called our *long-term seismic safety research program*. We study how earthquakes behave locally and globally. This program has made the seismic region around Diablo Canyon among the most studied and understood areas in the nation.

In 2011, after the earthquake and tsunami event in Fukushima, Japan, the Nuclear Regulatory Commission, or NRC, stated all U.S. commercial nuclear power plants must reassess their potential danger to earthquakes. PG&E used state of the art imaging equipment- similar to a CAT scan or MRI - to look deep into the earth. Offshore and onshore studies were performed, as local and regional faults were scanned throughout hundreds of square miles. The information collected was reviewed by leading, independent seismologists – those who study earthquakes.

The NRC accepted the seismic risk studies. In 2019, it issued a report concluding that **no** Diablo Canyon plant systems, structures, and components important to safety required upgrades to protect against earthquakes.

PG&E continues to assess the seismic region around Diablo Canyon on an ongoing basis.

We understand we have been given a special trust to operate the plant and we work to keep that trust by putting safety first each and every day.

For more information on our seismic studies, visit pge.com/diabloseismic.