

California governor signs bill to keep last reactors running

September 3 2022, by MICHAEL R. BLOOD



One of Pacific Gas & Electric's Diablo Canyon Power Plant's nuclear reactors in Avila Beach, Calif., is viewed Nov. 3, 2008. California legislators and Gov. California Gov. Gavin Newsom and a group of legislators reached a late-hour compromise bill released late Sunday, Aug. 28, 2022, to extend the lifespan of the state's last operating nuclear plant by up to five years, but the proposal faces an uncertain future even if it manages to clear the Legislature in the final days of a two-year session. Credit: AP Photo/Michael A. Mariant, File

California Democratic Gov. Gavin Newsom signed legislation Friday intended to open the way for the state's last operating nuclear power plant to run an additional five years, a move that he said was needed to ward off possible blackouts as the state transitions to solar and other renewable sources.

His endorsement came one day after the plan was approved in a lopsided vote in the state Assembly and Senate, and despite criticism from environmentalists that the plant was dangerous and should be shut down as scheduled by 2025.

Newsom has no direct authority over the twin-domed plant, which sits on a bluff above the Pacific midway between Los Angeles and San Francisco. PG&E must obtain approval for a longer run from the U.S. Nuclear Regulatory Commission, which oversees plant safety, as well as a string of state agencies.

There are other questions, including whether PG&E will qualify for a share of \$6 billion the Biden administration set aside to rescue [nuclear plants](#) at risk of closing. The state could back out of the deal if the reactors don't qualify for federal dollars.

PG&E officials have said they are eager for certainty about the plant's future because of the difficulty of reversing course on a plant that was headed for permanent retirement, but now needs to prepare for a potentially longer lifespan. Among the [challenges](#): Ordering sufficient nuclear fuel and casks to store spent fuel, which can take up to two years to obtain.

Newsom's plan also restarted a long-running debate over seismic safety at the site. Construction at Diablo Canyon began in the 1960s. Critics say potential shaking from nearby earthquake faults not recognized when the design was first approved—one nearby fault was not discovered until

2008—could damage equipment and release radiation. PG&E has long said the plant is safe, an assessment that the NRC has supported.

Also unknown is how much it will cost to update the plant for a longer run. PG&E has been deferring maintenance because the plant was expected to close by 2025.

© 2022 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed without permission.

Citation: California governor signs bill to keep last reactors running (2022, September 3) retrieved 28 January 2023 from <https://techxplore.com/news/2022-09-california-governor-bill-reactors.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.