| DOCKETED         |   |
|------------------|---|
| Docket Number:   | 21-ESR-01   |
| Project Title:   | Energy System Reliability   |
| TN #:            | 251096  |
| Document Title:  | Stephanie Barbanell Comments - Oppose the extended operation of Diablo Canyon Nuclear Power Plant |
| Description:     | N/A   |
| Filer:           | System  |
| Organization:    | Stephanie Barbanell   |
| Submitter Role:  | Public  |
| Submission Date: | 7/18/2023 10:27:34 PM   |
| Docketed Date:   | 7/19/2023   |

Comment Received From: Stephanie Barbanell

Submitted On: 7/18/2023 Docket Number: 21-ESR-01

## Oppose the extended operation of Diablo Canyon Nuclear Power Plant

I oppose the extended operation of Diablo Canyon for all the reasons stated below: Diablo Canyon is neither a safe nor cost-effective way to support California's energy reliability

The State's renewable energy and storage procurement has already more than made up for Diablo's output

The atomic plant is already many decades old, with years of deferred maintenance – the longer these aging reactors operate, the greater the risk of a catastrophic accident that could radioactively contaminate a large part of California for generations

Diablo Canyon is surrounded on all sides by earthquake faults, which have the potential to produce an earthquake larger than the plant can withstand

Extended operation would mean more buildup of long-lived, deadly nuclear waste for which our society has no solution

The operation of nuclear power plants like Diablo Canyon actually inhibit the buildout of renewable energy; because Diablo can't adjust output based on demand, solar and wind have to be turned off frequently to compensate for the inflexible nuclear plant, creating systemic disincentives for clean energy

The large costs from the relicensing, deferred maintenance, and continued operation of Diablo Canyon, which can't compete with cheaper renewable options, would be passed on to ratepayers and taxpayers

Each additional year of reactor operation would result in production of enough plutonium for a large number of nuclear bombs

Breaching the Diablo Canyon phase-out agreement would mean the continued largescale killing of marine life that are sucked into the plant's cooling system or killed by the discharge of the plant's heated water