

**DOCKETED**

<b>Docket Number:</b>	21-ESR-01
<b>Project Title:</b>	Energy System Reliability
<b>TN #:</b>	244867
<b>Document Title:</b>	Dave Shannon Comments - Diablo Canyon Power Plant
<b>Description:</b>	N/A
<b>Filer:</b>	System
<b>Organization:</b>	Dave Shannon
<b>Submitter Role:</b>	Public
<b>Submission Date:</b>	8/12/2022 2:14:49 PM
<b>Docketed Date:</b>	8/12/2022

*Comment Received From: Dave Shannon  
Submitted On: 8/12/2022  
Docket Number: 21-ESR-01*

## **Diablo Canyon Power Plant**

*Additional submitted attachment is included below.*

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**To:** [Energy - Docket Optical System](#)  
**Subject:** Diablo Canyon Power Plant  
**Date:** Friday, August 12, 2022 11:46:18 AM

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I live in Canada and am commenting on Diablo Canyon because greenhouse gas emissions know no borders. Every nuclear generating plant that remains in operation means that more fossil fuel power generating stations are not required to make up for the loss of continuous energy that they produce.

My reasons for supporting the continued operation of Diablo Canyon are several:

1. Climate change:

There is no better low-carbon energy source than nuclear energy.

2. Safety and health:

The biggest nuclear generating station in Europe is currently under attack in Ukraine. It bothers me that some would use the threat of fallout from an act of war as a good reason to stop developing nuclear reactors altogether. To which I say that one day in September, 19 terrorists brought down several jumbo jets with loss of 3000 lives and we didn't stop making airplanes.

For a broader perspective, exposure to fine particulate matter, or PM 2.5, from burning fossil fuels was responsible for about 8.7 million deaths globally in 2018.

Including reactor incidents/accidents, etc. the total deaths per terawatt-hour makes nuclear energy one of the safest means of energy production we have.

3. Water desalination

4. Hydrogen generation from electrolysis of water (not fossil fuels)

5. Very small land area required for equivalent power generation than any other energy source

I support the continued operation of Diablo Canyon.

Dave Shannon