

Committee Secretary
Senate Standing Committees on Environment and Communications
PO Box 6100
Parliament House
Canberra ACT 2600

**Submission to the Senate Inquiry on Environment and Other Legislation Amendment
(Removing Nuclear Energy Prohibitions) Bill 2022**

Dear Secretary and Senate Committees,

I am an Australian citizen, a Software Engineer, currently working in California, USA, where over 8% of the state's electricity is supplied by the Diablo Canyon Power Plant. It is a nuclear power plant located between San Francisco and Los Angeles. Its lifetime has been continually extended by the state of California, and it is clearly an important economic asset.

Australia has a vast supply of nuclear fuel, generally lower probability of, for example, earthquakes than California, yet we generate electricity by burning coal.

Nuclear power can provide a stable baseline supply and predictable cost. It definitely is more predictable compared to the misregulated gas market in Australia's East Coast states - that dragged electricity prices to record levels in 2022. Nuclear power can be an energy source that Australia controls as a sovereign nation, independent of any events in Europe.

I fully support lifting the ban on nuclear power in Australia. Electricity is the base for economic development, industry and technology, and we need to have it in Australia. Enough time has passed for nuclear power plant designs to evolve, and I'm sure modern nuclear power plants can be built to be safe and reliable.

I'd like to ask the committee to seriously consider the long term benefits, economic and political potential of lifting the ban on nuclear energy in Australia.

Yours sincerely,

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