

From: [Jonathan Peter](#)
To: [Committee, Environment \(REPS\)](#)
Subject: Nuclear Energy Enquiry
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Submission
Standing Committee Secretariat

Dear People,

This is my submission for your enquiry about possible nuclear power use in Australia. There are a number of reasons why this alternative had never been popular in this country, and is no longer any 'solution' to reducing our carbon emissions in keeping with our Paris agreement commitments. They include:

- There is still no solution to the long radioactive life of the waste products from these facilities, which would leave future generations with the problem of further contamination.
- Nuclear facilities are dangerous from both operation failures and possible target of terrorist attacks.
- These facilities use more water than any other power source, and would be another drain on our already threatened aquifers, and produce more heated water into the sea when using salt water cooling, with damaging environmental impacts near their outflows.
- The mining and transportation of uranium, plus the construction of the nuclear power plant, etc. produce almost 3 times as much emissions as wind power.
- Nuclear power plants demand expensive tax-payer subsidies to get built, as private finance is hesitant to get into this field, and will take at least 15 years to get build, which makes them irrelevant to the immediate need to cut our emissions.
- Nuclear power is no longer necessary, as Beyond Zero Emissions and other studies have shown that all of Australia's base load power could be provided by existing technologies including : concentrated solar thermal power plants (the mirrors making steam more safely than either coal or nuclear), wind farms, tidal power and expanding solar voltaic take up,etc.

So, we strongly reject the need for any nuclear power installations and strongly support renewables as safer, more reliable and less expensive than this outdated nuclear technology.

Regards,
Jonathan Peter


