

Dear Committee Members,

I am writing to express my belief that Australia would greatly benefit from the implementation of nuclear power as a source of energy. One of the main advantages of nuclear power is its ability to supply base load power, which means that it can consistently produce energy around the clock, unlike renewable sources such as solar and wind power. This makes nuclear power an essential addition to the country's energy mix.

Furthermore, Australia has a distinct advantage over other countries in terms of nuclear power potential due to its geological stability and abundant uranium deposits. These resources could be used to fuel Australia's nuclear power plants, creating economic opportunities for the country.

In addition to supplying base load power and utilising domestic resources, nuclear power produces zero emissions, helping Australia to meet its emissions reduction targets. Nuclear fuel has enormous energy density compared to other forms of power, especially low-energy density renewables, and constructing nuclear power plants requires significantly fewer materials and resources.

I urge you to consider the benefits of nuclear power and to support its implementation in Australia. It will create jobs and stimulate economic growth, and could significantly improve our energy security.

Sincerely,

Dr. Christopher Kaalund