

Not Confidential

Committee Secretary

Senate Standing Committees on Environment and Communications

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Canberra ACT 2600

Removing Nuclear Energy Prohibitions Bill 2000

I wish to register my support for a Nuclear Energy Industry in this country. With current technology small modular nuclear power plants can be used to aid the baseload power for industry to remain competitive. These smaller plants are far superior than the old boiling water reactors that have been problematic in the past and that the anti-nuke campaigners focus upon.

The biggest scare tactic we hear is what about the waste. When nuclear was first envisioned it was all about recycling the spent rods not shoving them underground with 90% of their life still to go. The rods can be re-enriched which solves 99% of the waste issue which this country should do.

An even better idea is to use a Molten Salt Thorium Reactor and the "waste" can be used up or mixed with Thorium to stop it from being used for bombs. We could take the worlds so called waste and wouldn't need to mine any for hundreds of years and make money from a new industry.

With the Chinese making great advances with Fusion which may be viable in the next decade not having a Nuclear industry will be a significant draw back for this country. Once fusion is achieved hybrid fission fusion reactors will have the ability to make most of the resources we now have to mine or at least the rare earth minerals that are in short supply.

The potentials for this country are huge if we have a nuclear industry.

Kind regards

Dennis Pukallus