

To ALL CITIZENS OF AUDTRALIA.

There should be no debate about using NUCLEAR energy for the production of electricity. There has been vast improvements in the production of isotopes for to this purpose. A small start-up company in Virginia, USA, has made radical advances in producing SAFE isotopes. They have been able to develop an Isotope that when activated produced heat to 1650oC. The advancement is that when this lisotope is deactivated is naturally cools to 50oC. So the risk attached to Nuclear production of power is substantially reduced. The past accidents that have occurred are now a thing of the past. The Company is manufacturing modular reactors to be taken [up.by](#) coal fired power generators.

To me as I stated there should be no debate. Nuclear power reactors / stations could be placed sufficiently away from backyards such that the risk attached to Nuclear power would not be a problem, power could be fed into the grid to power all metro regions from strategically placed power stations, say within the vicinity of major population centres cities & major regional centres Eg Sydney, Newcastle, Armidale, Tamworth, Parkes Broken Hill, Brisbane, & all it's coastal major centres. & Likewise for every other State.

If a shutdown of one power station occurs then to he others can takeup the load.

Integrated system.

Power generation from whatever source is essential for economic development. With Nuclear power plants providing relatively cheap reliable base load power then it will attract industry. This will also lead to electrification of Australia's rail system including the new northern rail.

A fast cheap rail system will attract industry. Inputs & production can be transported carbon free to all parts of the world. Availability of EV charge stations can be increased such that there would be noproblem charging an EV anywhere in Australia.This will allow greater adoption of electric vehicles. Again lowering our carbon footprint.

Another point is that Solar & Wind power will not provide all of Au's electricity needs.

With coal & petroleum being ecluded by 2030 & there is no other alternative Nuclear is the best option.

By adopting Nuclear energy our Nation could make light years leaps & bounds in a very short time. An all for it.

By the current administration using emotion to creat negative approach to the his source of energy they are sticking their heads in the sand, Osterichs, Dunderheads.

The reason this attitude is taken is because they have not taken the time to understand the processes & physics of Nuclear Energy.

We have a Govt Agency for managing the Nuclear aspects of power generation. Withdraw all the bans on Nuclear Power and let Australia enjoy a more reliable source of carbon free power.

This is as much as I can think of.

Paul Chamberlain CPA Rtd.

[REDACTED]

West Fitzgerald WA. 6337.

Mph : [REDACTED]

Email : [REDACTED]