

Re: ENVIRONMENT AND OTHER LEGISLATION AMENDMENT(REMOVING NUCLEAR PROHIBITIONS)BILL 2022'

Dear Secretary,

My name is (Mrs) Donna Mary Mignon Brooker nee Buchanan, of the Upper Hunter Electorate. I am a retired nurse of thirty years, a wife of a just retired production worker on Mt Thorley, Warkworth, a mother of a son who works for Hitachi and a grandmother. Thus, one might classify one's self now as, "Home Duties," with time to access the internet and topics of interest re. science, family history and political fields in particular; now joining the "dots". The most poignant realization is "time" running out, like sands through an hour glass, for my generation: Seventy plus years; Eighty years, looming! An extension of ten years by the Grace of God, has already been utilized to date, since 2013. It is painfully realised once dead in the first or second sense, there is no second chance to fulfil destiny for the good of humanity.

At the outset, I will confirm my husband, David's, and my profound support of Dr David Gillespie MP- the Federal National Party, including all other such enlightened minds, with regard to accessing "Nuclear Power" to support our Coal Industry until either or both are established as our "sustainable" Power Grid over the coming decades, as "Common Sense" is regained and "worthless" renewables phased out. Thus, we endorse, "The Environment and other Legislation Amendment (Removing Nuclear Prohibitions)Bill 2022'.

"Grandma, I hold no hope for my generation", are chilling words uttered by a young teenager. Great landfills of millions upon millions of wind turbines, and billions upon billions of used solar panels come to mind, accumulated over the next thirty years. Yes, certain elements of rare mineral may be retrieved but at what fiscal cost; affordability? What effect will the "collective" of profoundly strong magnetic forces have, should 4 tonnes of permanent magnet containing 28.5% Neodymium, be thrown together (one magnet upon the other) in landfill? And, what of 4 tons of precious copper, of "lesser purity" from wear per wind turbine? Trillions upon trillions of dollars wasted by my "arrogant" generation, having torn through "virgin" Australian habitat and productive farm land(by all accounts) to install wasted transmission lines over thousands of kilometres. Compare this to the "fingertip" waste of Uranium as portrayed by your plea: Come To Arms!

It is personally feared, the Australian generations evolving in a web of "Marxist orientated school curriculum" and those yet unborn, will eventually open their eyes to an Australian landscape, farm gates swinging, raped by an irresponsible Government of mostly deceased leaders, accountable only to the Creator by then. An Australia sold out to a desperate world requiring depleting deposits of antimony, cobalt, lithium,

manganese, niobium, tungsten or vanadium; their worth increasing by billions of dollars on the Stock exchange, just to name a few. An Australia, that still stubbornly maintained the transition from sustainable coal power to erratic wind and sun energy (already acknowledged as a failure in Europe); an abominable thought. A curse upon the souls of the present who can knowingly prevent such an abomination, right now, maintaining our "tiny" 5% contribution to the Carbon dilemma by utilization of coal supported by uranium or vice versa. The trillions of poised dollars circumvented into SMRs within eight years and the building of new power stations over ten. A child of today would have unlimited power for eighty to ninety years before renewing Nuclear/Coal power stations. SMRs are a league unto themselves: cheap, reliable, adaptable, SAFE! Please see : "Benefits of Small Modular Units" ..Internet.

"A recent report from the IEA warned of the increasing need of rare- earth materials necessary for the production of turbines and other renewable-energy innovations...." Internet, supports the above.

It could be suggested that a time will come in the not- too- distant future that the populace of the world will need to make a choice as "pure" elements dwindle. Where will Taiwan find such pure elements e.g. Copper, required to sustain 6.92 billion people (internet) already using soft wear such as 6.92 billion mobiles? A choice may need to be made re. communication, everyday appliances, space missions and armed forces requirements.

According to : "Surging Copper Demand Will Complicate The Clean Energy Boom" on internet, the Archille's heel of civilization is in jeopardy and might bring the whole reach for renewables to an end, worldwide by 2040. The thought of trillions of dollars poised here in Australia to be wasted for nought, is haunting!

The complete reliance on wind and sun for intermittent power when Liddell and Bayswater power stations cease to exist; Liddell come next April, evokes fear. No longer will NSW be 30% covered by reliable, unfailing energy across the state and, at this moment, having the ability to sustain industries such as Tomago (aluminium.. another element used for electrical wiring).How quickly will our factories fold, small and large enterprises not just due to profoundly reduced Mega Watts but by exponentially "large" Power Bills!

In closing, we are among 8billion people who live on a pebble sized, gassing out, ever moving- tectonic crunching plates, potato shaped planet(in comparison to the sun of which 1.3 million earths could fit.). A living, breathing microcosm within the greater universe, on an elliptical trajectory now leaving the closest point to the sun, Perihelium: 5th January,2023- 3.17a.m. Aust. time...147,098, 925km, on it's annual spin out to the furthest distance from the sun, Aphelion by 7th July, 2023 - 6.06a.m.Aust.time,

152,093,251 kms. Our little planet is half way through its 26,000 year "wobble cycle". Jupiter, moon and other planets play tug-of-war during its trajectory. Please see Milankovitch Cycles...internet. The Sun has a forty-year cycle. Lake Eyre fills an average of four times in one hundred years. Is this an eternal pattern between sun and earth? Every eleven years sun spots wane or multiply. Muons pervade earth when fewer sunspots weaken Earth's ionosphere, allowing muons to reach deep into volcanoes, stirring them into action as of now, Tongan Volcano: Grand Minimum phase. Japan measures Muons on their volcanoes in anticipation of activity.

Question:(as my grandchild would say)," What if, by removing ever so many tonnes of regular Carbon from the air over the Pacific ocean, we starve the adjusted dioms making up the "Carbon sink" and "oxygen giving" plankton, across the South Pacific ocean? Like feeding fish at the microbe beginnings of the food chain, are we going to cut off great supplies that sustain the seething masses(carbon sinkers) within the ocean, right up to the 33ton carbon absorber: the Whale? See ,
"New Research Reveals Australian Bushfires triggered South Pacific Phytoplankton Bloom." So many variables to consider, in one's humble opinion.

Small Nuclear Reactors...an answer to all arguments.

Sincerely,

(Mrs) Donna M.M.BROOKER

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