

From: [REDACTED] Paul Myers
To: [Committee, Environment \(REPS\)](#)
Subject: Submission to Committee on "prerequisites for nuclear energy in Australia"
Date: Monday, 12 August 2019 7:15:13 PM
Attachments: [20190806 \(Tue\) - Small & Large Nuclear Reactors \(June 2016 & March 2018, Silicon Chip Online\).pdf](#)

I hereby make this submission to the Standing Committee on Environment and Energy in relation to its hearings into the "prerequisites for nuclear energy in Australia".

I would like to open by just saying that I hope this will be a short submission simply advising the committee members of two references that I feel that they should obtain and read as well as just to say that ever since I commenced my first University degree in 1975 I have been a strong supporter in nuclear power generation and that support has never faltered.

So, I am a subscriber to the electronics magazine "Silicon Chips" (SC) and this magazine occasionally has Publishers/Editors Letters and contributed article, by resident contributors, on any issue related to science or electronics, etc. As my subscription to SC is hardcopy only I am unable to provide more than the following links to the first two pages of each article as well as attaching what I was able to print to a PDF file - see attached for details of the complete reference or copy and paste the following links into your browser to see the first two (2) pages of each of the articles or the single page for the Publisher's Letter:

- ["http://www.siliconchip.com.au/Issue/2016/June?res=nonflash"](http://www.siliconchip.com.au/Issue/2016/June?res=nonflash)
 - "Publisher's Letter - Small nuclear power stations are ideal for Australia", pg 2, Jun 2016
 - "Small nuclear reactors - sage power, very low pollution, very low risk", pg 18, Jun 2016
- ["http://www.siliconchip.com.au/Issue/2018/March?res=nonflash"](http://www.siliconchip.com.au/Issue/2018/March?res=nonflash)
 - "Latest Generation Nuclear Reactors ... and what's to come", Pg 22, Mar 2018

I would very strongly recommend that all members of the committee have a good read of these article which I would hope the Parliamentary library should be able to acquire for your (perhaps from the National Library of Australia which I understand carries copies of every magazine, etc, published in Australia) if they do not carry this magazine on their own shelves.

Some of the comments being made by some politicians, in particular the Leader of the Opposition, make me wonder just how up to date he might be on this issue as, from memory (and I haven't actually pulled out my copies of the references referred to above as they are at the bottom of a vertical stack of issues), these articles are referring to both 4G and 5G reactors while the Opposition Leader seems to be referring to 2G and 3G reactors.. The 5G reactors are small (250-300MW) reactors suitable for small town connections and they no longer require water as a coolant, now coming with new high tech coolants which I think work in a sealed a system. These new small modular reactors can be installed very quickly when compared to the older generation nuclear power stations. I would happily live next door to one if it was to be installed in what I believe may be vacant land between Karabar and Jerrabomberra, just off Lanyon Drive, outside Canberra.

This may be a vain hope, but I look forward to seeing us ditching this outdated moratorium on nuclear power generation and moving from the 20th century into the 21st century as soon as possible.

Thank you

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"The only thing we have to fear is fear itself"

- Franklin D. Roosevelt's First Inaugural Address, 04 March 1933

FEAR - "False Evidence Appearing Real"

See my favourite quotes [by clicking here](#)

Richard Dawkins Quotes (Google "richard dawkins quotes", etc):

- "Do not indoctrinate your children. Teach them how to think for themselves, how to evaluate evidence, and how to disagree with you"
- "By all means let's be open-minded, but not so open-minded that our brains drop out"
- "I am against religion because it teaches us to be satisfied with not understanding the world"
- "Evolution is just a theory? Well, so is gravity and I don't see you jumping out of buildings"



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