



I'm back from my US nuclear trip: Here's what I learnt

1 message

Will Shackel <info@nuclearforaustralia.com>

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I've just arrived home from the United States.

And having seen America's nuclear energy success story up close...

Australia is very behind on nuclear, and missing out!

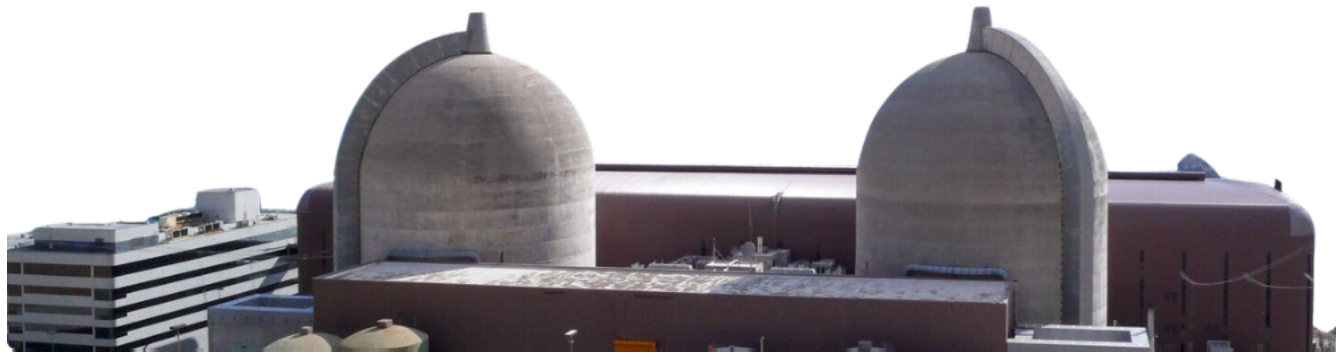
Seeing one nuclear plant was a privilege, let alone getting to see both Diablo Canyon Power Plant, Vogtle Nuclear Power Plant along with a nuclear course at MIT.

It's shocking to think nuclear is illegal in Australia, when the rest of the world is forging ahead.

Australia needs to hear the nuclear success of other countries like the US, who want to build 200 more nuclear generators!

Our leaders have their head in the sand, so I wanted to share some of the exciting journey from this week.

I'll help share the US nuclear success story ▷



Diablo Canyon Power Plant

My first stop was California. I headed to San Luis Obispo (between Los Angeles & San Fransisco) to visit the Diablo Canyon Power Plant.

Diablo Canyon Power Plant Fast Facts

- Location: Near San Luis Obispo, California
- Total capacity= Approx 2200MegaWatts
- Last nuclear power plant built in California
- Provides enough power for 3 million people
- Surrounded by a thriving ecosystem including sharks, seals and whales

I'm sick of the fear-mongering around three eyed fish - so I went fishing right outside the Diablo generator for some lunch!

And whilst the fishing was unsuccessful, still treated myself to some local seafood from around the local nuclear reactor.

You can watch our videos that went viral on social media:



Left to right: Fishing for 3 eyed fish, eating nuclear fish

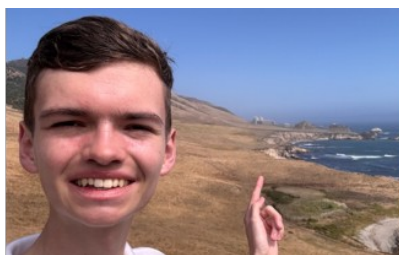
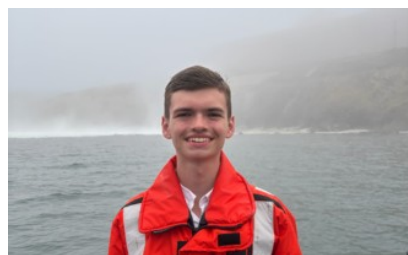
I then was privileged to tour the plant itself. I had the opportunity to visit the turbine halls, see the control room, visit the water intake and outflow

areas and the spent fuel storage.

Nuclear fuel waste is not an issue over here.

Seeing the spent fuel in person was an eye opening experience as it was the first time I'd ever seen it (or been near) spent fuel/high level nuclear waste and contrary to what we're told in Australia it wasn't being held in yellow barrels.

You can watch my full tour using the link below. Unfortunately, I was limited in what I could film due to security protocols.



Vogtle Nuclear Power Plant

Vogtle Nuclear Power Plant Fast Facts

- Location: Waynesboro, Georgia
- Total capacity= Approx 4800MW
- Unit 3 and Unit 4 (AP1000s) are the first nuclear reactors to be built in the US in more than 30 years
- Collectively, the 4 reactors provide enough power for 2 million homes
- Vogtle is the largest generator of clean electricity in the United States

The second stop was Vogtle. Vogtle is located a short drive away from Augusta, where the Masters is held.

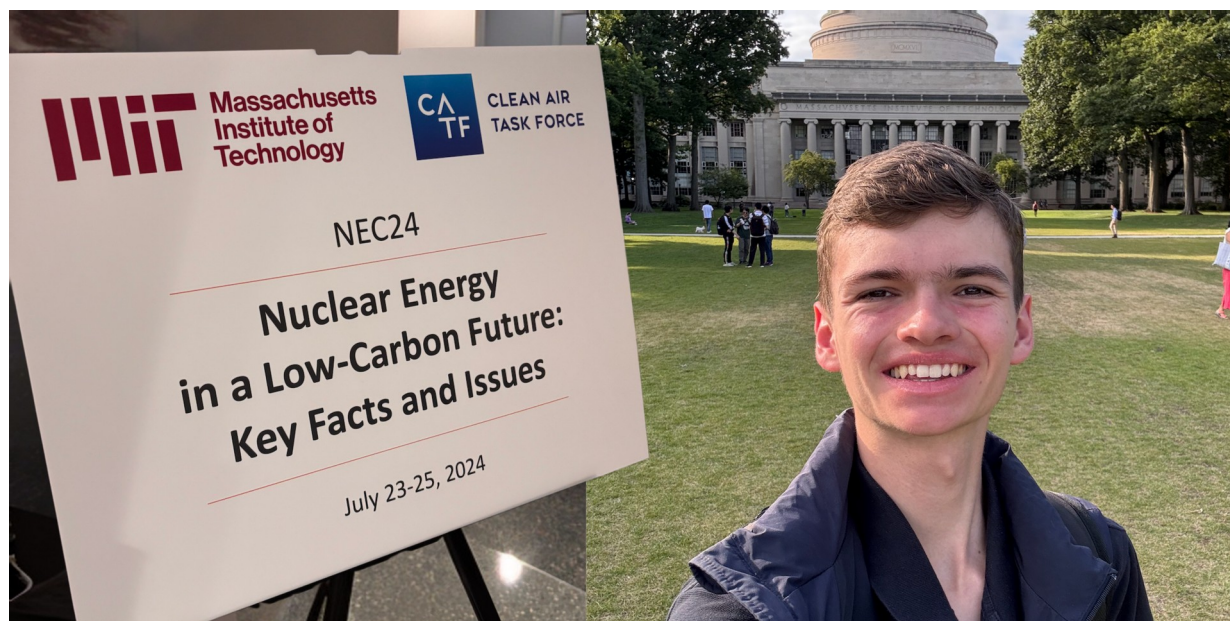
It was incredible driving up to it and seeing the scale of the plant in real life.

During the tour, I had the opportunity to see around the reactors, stepped inside the control room (which unfortunately couldn't be photographed), met some of the workers, visited the turbine hall, saw the spent fuel management (again couldn't be photographed) and of course saw the cooling towers.

Click to see an early preview of a video I'll be releasing on social media about the reality of cooling towers:



MIT Nuclear Course



In the middle the two plant visits, I had the privilege of attending a 3 day nuclear energy course at MIT. Key topics discussed included advanced nuclear, economics, waste, regulation, social license and even fusion.

I learnt a lot and met some excellent experts and look forward to applying what I learnt to enhance our work and benefit the nuclear debate here in Australia.

We need your help to get there message out there

It was an incredible trip, with so many important messages to share with Australians.

The sad reality is that most don't know that nuclear is the largest source of clean energy in the United States.

The US is an excellent case study that nuclear is safe, can lower power bills, lower emissions and increase energy reliability.

You can help other Aussies hear this message of the US's nuclear success.

I'll help share the US nuclear success story ►

Thank you for your ongoing support.

Kind Regards,



Will Shackel
Founder of Nuclear for Australia

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