

TOPIC 4 - LOW CARBON ENERGY GENERATION OPTIONS - DAY 5

Thursday, 5 November 2015
Conference Room, Nuclear Fuel Cycle Royal Commission
Level 5, 50 Grenfell Street, Adelaide SA 5000

Mr Michael McGough, Chief Commercial Officer, NuScale (US) (8am via video-link)

As Chief Commercial Officer at NuScale, Mr McGough oversees all sales, marketing, business development, and communications for the company. He has over 35 years of experience in the commercial nuclear industry, having supported construction operations, maintenance and decommissioning of nuclear plants around the world. NuScale is developing a small modular reactor based on light water reactor technology and incorporating simplified passive safety systems.

Topics to be addressed at this public session:

- ⊕ Technical overview of the NuScale reactor including passive safety systems
- ⊕ Current stage of development and estimated timeframe for commercial deployment
- ⊕ Estimated plant costs

Ms Rita Bowser and Mr Michael Corletti, Westinghouse Electric Company (US) (9.30am via video-link)

Ms Bowser is the Vice President of New Plant Project Advancement at Westinghouse Electric Company. In this role she leads new projects to expand the application of Westinghouse's AP1000 reactor to broader markets. Mr Corletti has over 30 years of experience in the nuclear industry, including senior roles in the design and licensing of the AP1000 in US and international locations. Mr Corletti is the Director of AP1000 Plant Design Integration for New Plants and Major Projects at Westinghouse. He is responsible for establishing technical governance and oversight for the AP1000 plants under construction as well as new AP1000 projects. The AP1000 is a pressurised water reactor which utilises passive systems supplemented by active systems. There are currently eight AP1000 units under construction world-wide.

Topics to be addressed at this public session:

- ⊕ Technical overview of the AP1000 reactor
- ⊕ Estimated plant costs and levelised cost of electricity
- ⊕ Progress of current AP1000 builds in the US and China and lessons learned from these projects