

## TOPIC 10 – NUCLEAR ACCIDENT: FUKUSHIMA DAIICHI

Thursday, 22 October 2015  
Conference Room, Nuclear Fuel Cycle Royal Commission  
Level 5, 50 Grenfell Street, Adelaide SA 5000

### Dr Stephen Solomon, Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) (11am)

Dr Solomon is the Chief Radiation Health Scientist and Head of the Radiation Health Services Branch at ARPANSA. He has a PhD in Nuclear Physics and over 35 years of experience in health physics and radiation protection. Dr Solomon was the leader of the Expert Group which evaluated radiation pathways and exposure to the public and the environment following the Fukushima Daiichi accident in 2011 for the United Nations Scientific Committee on the Effects of Atomic Radiation (UNSCEAR).

#### Topics to be addressed at this public session:

- ⊕ Overview of the 2011 accident at the Fukushima Daiichi nuclear power plant
- ⊕ Key findings of the UNSCEAR 2013 Report into the levels and health effects of radiation exposure following the accident at Fukushima
- ⊕ Lessons learned in relation to emergency preparedness, protective measures and remediation.

### Mr Gustavo Caruso, Special Coordinator, Nuclear Safety Action Team, International Atomic Energy Agency (Vienna) (2.30pm, by video-link)

Mr Caruso was appointed the Special Coordinator of the Nuclear Safety Action Team at the International Atomic Energy Agency (IAEA) in 2011. In this role he was tasked with implementing the IAEA Nuclear Safety Action Plan which was created in the wake of the Fukushima Daiichi accident with a view to strengthening nuclear safety framework around the world. Prior to this, he was Head of the Regulatory Activities Section of the Department of Nuclear Safety and Security at the IAEA. Mr Caruso also has extensive experience in the field of nuclear safety and regulation in Argentina having previously served as Executive Manager of the national nuclear reactor regulatory body.

#### Topics to be addressed at this public session:

- ⊕ Overview of events at Fukushima Daiichi and causes
- ⊕ Key findings of the IAEA report by the Director General on the Fukushima Daiichi accident
- ⊕ Steps taken by the IAEA to mitigate the risk of future accidents – the IAEA Nuclear Safety Action Plan.

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## Dr Mike Weightman, Director for the UK National Nuclear Laboratory and Visiting Professor at the University of Cambridge (4.30pm, by video-link)

Dr Weightman led the IAEA's official fact finding mission to Fukushima Daiichi in May 2011. He served as Her Majesty's Chief Inspector of Nuclear Installations and CEO of the Office for Nuclear Regulation in the UK before retiring from these roles in 2013. Dr Weightman is currently a member of the IAEA's International Nuclear Safety Advisory Group, a non-executive Director for the National Nuclear Laboratory, UK, and a visiting professor in the Nuclear Engineering Department, University of Cambridge.

### Topics to be addressed at this public session:

- ⊕ Causal factors for the accident
- ⊕ Key lessons learned