

TOPIC 16 – HIGH LEVEL WASTE STORAGE AND DISPOSAL – DAY 1

DRAFT as of 17 November 2015

Monday, 23 November 2015

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

Mr Timo Äikäs, formerly of Posiva Oy (retired) (3.30pm, by video-link)

Posiva is a Finnish organisation responsible for the final disposal of spent nuclear fuel from the nuclear reactors operating in that country. Since being employed by Posiva from its establishment in 1995, Timo Äikäs retired in 2014 having held the positions of Executive Vice President and Corporate Advisor. He holds tertiary qualifications in engineering geology and has worked in various aspects of geological disposal of spent nuclear fuel for almost three decades, including site selection and the design and development of the underground rock characterisation facility, disposal facility and canisters to encapsulate spent fuel. Mr Äikäs continues to provide consulting services to a range of clients.

Topics to be addressed at this public session:

- ⊕ Case study on the KBS-3 concept for deep geological disposal at Onkalo, including the approach to consent-based siting

Dr Sami Hautakangas, Fortum (3.30pm)

Fortum is a Finnish energy company which was founded in 1998. Its operations include hydroelectric, nuclear and solar power generation, and it is one of the largest producers of heat in the world. Fortum's main areas of operation are the Nordic and the Baltic countries, Russia and Poland. Dr Sami Hautakangas is a Product Manager in Nuclear Expert Services at Fortum. Having commenced work at Fortum in 2007, he has held several roles including Manager, Nuclear Waste Research and Development, and Department Head, Nuclear Waste and Technology. Dr Hautakangas obtained his Doctoral in Engineering Physics from the Helsinki University of Technology in 2005.

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