

# TOPIC 16 - HIGH LEVEL WASTE STORAGE AND DISPOSAL SUPPLEMENTARY SESSION - DAY 3

Wednesday, 6 April 2015  
Conference Room, Nuclear Fuel Cycle Royal Commission  
Level 5, 50 Grenfell Street, Adelaide SA 5000

## Professor Rodney Ewing, Stanford University (California, USA) (7.30am, by video link)

Rodney Ewing is a mineralogist and materials scientist who has conducted extensive research into the effects of radiation on minerals. He is a Professor in the Department of Geological Sciences at Stanford University and the Frank Stanton Professor in Nuclear Security at the Freeman Spogli Institute for International Studies. Professor Ewing has held leadership roles with several research societies and advisory boards, including as the current Chair of the Nuclear Waste Technical Review Board, which is responsible for the ongoing technical review of the US Department of Energy's activities related to the management of spent nuclear fuel and high-level radioactive waste. He has authored or co-authored over 650 research publications in mineralogy, geochemistry, materials science, nuclear materials, physics and chemistry and his achievements have been recognised with over 30 fellowships, awards, medals and honorary doctorates.

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

- ⊕ The 2014 incident at the Waste Isolation Pilot Plant (WIPP) in New Mexico – causes and lessons learned
- ⊕ Safety assessment processes required in the United States in relation to proposed geological repositories for the disposal of used nuclear fuel.



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