

TOPIC 20 – NUCLEAR EDUCATION AND SKILLS DEVELOPMENT - DAY 1

Thursday, 3 December 2015

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

Professor Jon Billowes and Dr John Roberts, Dalton Nuclear Institute, UK (5.30pm via video-link)

The Dalton Nuclear Institute was launched at the University of Manchester in 2005 and is a leading centre for higher learning in nuclear science and engineering in the UK. It offers a range of programs for nuclear skills training including undergraduate and postgraduate qualifications as well as professional development courses for the domestic and international nuclear sector. Jon Billowes is a Professor of Nuclear Physics at the University of Manchester where he is Head of the Nuclear Physics Group. He served as the Director of Education at the Dalton Nuclear Institute during its formative years. Professor Billowes holds a DPhil in Nuclear Physics and an MA in Physics. He is a Fellow of the Institute of Physics and a Member of the UK Nuclear Institute. Dr John Roberts is a Nuclear Fellow in the School of Physics and Astronomy at the University of Manchester. He is also a Visiting Academic at the Imperial College London and an External Examiner at the University of Central Lancashire in the area of Nuclear Safety, Security and Safeguards. He was previously a Nuclear Fellow at the Dalton Nuclear Institute. Dr Roberts holds a PhD in Nuclear Physics and a Bachelor of Science with Honours in Physics. Over the past 26 years, he has held multiple Research Fellow and Associate roles at universities across the UK.

Topics to be addressed at this public session:

- ⊕ Overview of the Dalton Nuclear Institute model and the process for its establishment
- ⊕ Key steps in the development of nuclear education and training programs to build a skilled nuclear workforce.