

Where to for Nuclear in Australia?

Joint Electrical Institutions Sydney - Engineers Australia, IEEE, IET



DATE & TIME

Thursday, May 12, 2016
5:30 pm for 6:00 pm start

VENUE

Engineers Australia Harricks
Auditorium
Ground Floor, 8 Thomas Street,
Chatswood NSW 2067

COST

EA, IET, IEEE Members – Free
Students – Free
Non-members - \$30

CPD

Eligible for 1.5 Continuing
Professional Development hours.

RSVP

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HOSTED BY

Joint Electrical Institutions Sydney



A presentation by

Tony Irwin

**Nuclear Consultant and
Technical Director of SMR Nuclear Technology Pty Ltd**

Australia was in at the beginning of the nuclear age in the 1950's, but politics and the rise of coal put an end to any major developments.

Recently the drive to lower emissions from electricity generation has led to a realisation that all low emissions technologies have to be considered and hence to a re-assessment of nuclear.

The South Australia Royal Commission, established by labour Premier Jay Weatherill in March 2015, has examined all aspects of the nuclear fuel cycle, identified opportunities and risks and will issue their report on 6 May 2016.

This presentation will look at the NFCRC findings and examine which nuclear technologies may be suitable for Australian conditions.

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Speaker Biography



Tony Irwin

B.Eng (Hons) MIET FIEAust CPEng FAIE

Tony Irwin is a Chartered Engineer, Chair of Engineers Australia Sydney Division Nuclear Engineering Panel and Technical Director of SMR Nuclear Technology Pty Ltd.

Tony graduated in electrical engineering and worked for British Energy (formerly the Central Electricity Generating Board) in the UK for more than thirty years commissioning and operating 8 nuclear power reactors. Following the Chernobyl accident he worked with Russian engineers to improve the safety of their reactors.

In 1999 he moved permanently to Australia and joined the Australian Nuclear Science and Technology Organisation (ANSTO) where he managed fuel strategies and provided advice on nuclear issues. He was subsequently appointed as Reactor Manager for the commissioning and operation of ANSTO's new OPAL research reactor. Tony is now a Consultant.

Tony is the principal lecturer for the ANU *Master of Nuclear Science Course* Reactor and Fuel Cycle modules.

For further information, contact Trevor Blackburn

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