



Canadian Nuclear Society / Société Nucléaire Canadienne

“Supporting nuclear science and technology for over 25 years”

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In partnership with the

The Deep River Science Academy

“Splitting Atoms – Canadian Style” by **Jeremy Whitlock**

A monumental decision confronts many jurisdictions like Ontario, where demand for electricity will eventually outstrip available supply. The plans to fill this gap must meet environmental, economic, and performance expectations that severely limit the number of realistic options. Among these, nuclear power is one of the few options for large-scale baseload electricity production. It is a mature Canadian technology that can underpin an aggressive campaign of conservation and renewable plant construction.

This presentation will briefly cover the history of Canada’s nuclear program, its current status, and its promise for the future. It will include a survey of some of the benefits and challenges of the technology, including a summary of the accident at Fukushima, the current status there, and the implications for nuclear power in the world today.

The speaker is Dr. Jeremy Whitlock, Manager of Non-Proliferation and Safeguards at AECL Chalk River, with responsibility for ensuring that AECL technology meets international obligations on nuclear weapons non-proliferation. Dr. Whitlock has been with AECL since 1994, mainly as a reactor physicist involved with CANDU and research reactor development.



Jeremy Whitlock

Manager

Non-Proliferation and Safeguards

AECL

Talk: 6:30 pm, Thursday July 07, 2011

Bennett / Mackenzie Room, J.L. Gray Centre

(Entry via rear security entrance)

Further information: 613-584-8811 Ruxandra Dranga (46856) or Geoff Edwards (43247), or Blair Bromley at 613 584 1518