



Canadian Nuclear Society / Société Nucléaire Canadienne

Chalk River Branch, c/o Ragnar Dworschak AECL-Chalk River Laboratories, Chalk River, ON K0J 1J0

Web: <http://www.cns-snc.ca/CRB.html> e-mail: webmaster@cns-snc.ca

*“Supporting nuclear science and technology for over 25 years”
“plus de 25 ans de promotion de la science et de la technologie nucléaires”*

“Splitting Atoms – Canadian Style” by Jeremy Whitlock

A monumental decision confronts many jurisdictions like Ontario, where demand for electricity is predicted to soon 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. Questions will be welcome and some nifty demonstrations will be attempted.

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 09, 2009

Bennett / Mackenzie Room, J.L. Gray Centre
(Entry via rear security entrance)

Presented in conjunction with the Deep River Science Academy
<http://www.drsc.ca>

Further information: Ragnar Dworschak at 584-8811 Ext. 44342, or Geoff Edwards at Ext. 43247