



# CANMOX: A Utility Proven Solution for Management of the UK's Civil Plutonium Stockpile

Candu Energy Inc. (a member of the SNC-Lavalin Group), is a leading full-service nuclear technology company. We are delighted to hold an Academic Information Series to explain aspects of CANDU® nuclear power plant technology and the CANMOX™ solution for the cost-effective management of the UK's civil plutonium stockpile.

The event will be a great opportunity to understand CANDU technology, its potential for deployment in the UK and the strategic benefits to the UK fuel cycle. The presentations will be given at The Institute of Mechanical Engineers on March 16/17th 2015 and be repeated on March 18/19th 2015 at the University of Manchester. Please also join us at the end of the first day for an informal drinks reception.

The CANMOX solution is a lifecycle mixed oxide (MOX) approach based on the integration of proven CANDU fuel and reactor technologies. It comprises a CANMOX fuel plant producing a single fuel design coupled with dedicated MOX-ready Enhanced CANDU 6 (EC6®) reactors that will process the fuel and produce power for commercial sale in the UK electricity market.

CANDU reactors are a utility-proven technology and can operate on natural uranium, recovered uranium, MOX and thorium fuels. We have a robust track record of on-schedule and on-budget delivery of nuclear new-build projects. This means that CANDU and CANMOX bring a unique value to the UK nuclear future.

## An invitation from Candu

Please join us to attend a presentation at either of the following:

**The Institute of Mechanical Engineers**  
**March 16/17th 2015**

In partnership with Imperial College, London

**Imperial College**  
**London**

**University of Manchester, Manchester**  
**March 18/19th 2015**



The University of Manchester

**For more information and to RSVP**  
**(by Monday 16 February)**

Please contact Paulina Jakubec at  
Paulina.Jakubec@fleishmaneuropa.com  
or 0207 3957018

Please note the same presentations will be given at both venues to minimise travel commitments.



**HITACHI**



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## Day 1

TIME	TOPIC	SPEAKER
09:15 - 09:30	Introduction	Canadian High Commission/ Government of Ontario
09:30 - 10:30	CANDU® Technology Primer and Relationships to Light Water Reactor Technology	Jerry Hopwood, Candu Energy
10:30 – 10:45	Break	
10:45 – 11:30	Evolution of CANDU-6® Product Line Gen III Enhanced CANDU Reactor® (EC6®)	Michael Soulard, Candu Energy
12:30 – 13:30	Lunch	
13:30 – 14:30	CANMOX EC6 Safety Design Basis	Albert Lee, Candu Energy
14:30 – 15:15	Post Fukushima Daiichi Design Response	Albert Lee, Candu Energy
15:15 – 15:30	Break	
15:30 – 16:30	Candu Energy New Build Experience and Application to CANMOX	Michael Soulard, Candu Energy
16:30 – 17:30	Submitted Questions and Open Forum to Close	Panel
17:30 – 19:30	Informal Reception	Candu Energy

## Day 2

TIME	TOPIC	SPEAKER
09:15 - 10:30	Advanced Fuel Design Experience and CANMOX Fuel Design Enhancements	Michael Soulard, Candu Energy
10:30 – 10:45	Break	
10:45 – 11:30	CANMOX Fuel Design Basis and Manufacturability	Michael Soulard, Candu Energy
12:30 – 13:30	Lunch	
13:30 – 14:30	Recent CANDU Fuel Manufacturing experience and Technology/Material Development	Mike Gabbani, GEH-C
14:30 – 15:30	CANMOX Fuel Plant Specification and Performance Expectation	Mike Gabbani, GEH-C
15:30 – 15:45	Break	
15:45 – 16:45	Submitted Questions and Open Forum to Close	Panel



One Birdcage Walk, London



Harwood Room, Barnes Wallis Building



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