



The Reality of *Renaissance*



Canadian Nuclear Association

Program

**Nuclear Industry
Conference and
Trade Show 2009**

The Westin Hotel, Ottawa, Ontario
February 25 – 27, 2009

Who should attend?

- Members of Parliament and their staff
- Government officials
- Nuclear industry personnel
- Professional associations
- Energy sector companies
- Electricity users
- Environmental organizations
- Business analysts
- Media representatives
- Educators
- Students

About the Conference

The CNA's Annual Conference and Trade Show is the principal forum where Canadian industry leaders can meet with elected and government officials to highlight developments, achievements and future directions of the nuclear sector in Canada.

Thank You to Our Sponsors



HITACHI

HITACHI
Inspire the Next



WARDROP

2009 Conference and Trade Show Program

Pre-CNA Conference and Trade Show Event

Wednesday, February 25, 2009

08:30 – 17:00 **Women in Nuclear (WiN) Meeting** — Fairmont Château Laurier
For additional information and registration please go to: www.wincanada.org

CNA Conference and Trade Show Event

Wednesday, February 25, 2009

12:00 – 20:30 **Registration** — 4th floor, Westin Ottawa Hotel

14:00 – 15:00 **CEO Student Briefing** (Quebec Room)

15:00 – 20:30 **Opening of CNA Exhibitor Area and Career Fair**

18:00 – 21:30 **Welcome Reception**



The Honourable Lisa Raitt, Minister, Natural Resources Canada (invited)

Thursday, February 26, 2009

07:30 – 09:15 **Breakfast and Introductory Remarks**



Pierre Charlebois, Chairman, Canadian Nuclear Association, and Executive Vice President and Chief Operating Officer, Ontario Power Generation

08:30 – 09:15 ***Understanding Why the Costs of Nuclear Inertia Far Outstrip the Risk of Moving Ahead with Nuclear Development Now: A Time for Tough Choices***



Senator Hugh Segal

There is a core lack of coherence in energy policies that embrace renewable options as ideal and neutral environmentally, while nuclear projects are delayed endlessly over alleged financing and complexity challenges. Delay has a social, environmental and productivity cost and when it affects Canada's nuclear energy options, a serious cost to our long-term engineering competencies and breadth. This initial cost load is rarely sufficiently catalogued or entered into the private and public debate around energy choices. A rebalancing of the data set around these inertial cost loads is essential if Canadians are to be well informed before critical investment decisions are made.



09:30 – 10:15 *The Large Hadron Collider at CERN: Exploring the Forces of Nature Inside the Atomic Nucleus*



Professor Brian Cox, CERN, Geneva

The modern journey to understand the structure of matter stretches back 100 years to Rutherford's discovery of the atomic nucleus, work he began in Quebec and completed in Manchester. Today, the journey continues with the 27-km-long Large Hadron Collider (LHC) at CERN, by far the largest and most complex scientific machine ever built. Central to the LHC program is the quest for a deeper understanding of the behaviour of the strong and weak nuclear forces in the extreme conditions less than a billionth of a second after the universe began. As well as being the subject of scientific enquiry, the atomic nucleus is also an enabler, allowing us to journey to the edge of our solar system and return dispatches from deep space that speak profoundly of our civilization's place in the universe.

10:15 – 11:00 *Assessing the Credit Risks for New Nuclear Power Plants*



Richard W. Cortright, Jr., Managing Director, U.S. Utilities and Infrastructure Ratings, Standard & Poor's, New York

Standard & Poor's analysis of the credit risks associated with a new generation of nuclear power facilities has multiple dimensions. Our analysis will focus on technology risk, the uncertainty and scale of construction costs, liquidity requirements and the evolving regulatory framework. Breaking these down further, certain technologies may be viewed as more revolutionary than evolutionary; there is limited recent domestic construction experience and the cost of input materials has proven volatile; liquidity requirements could be very substantial; and the regulatory role is largely untested. These elements, together with other concerns, present considerable credit challenges to a revived commercial nuclear industry.

11:00 – 11:15 **Coffee Break**

11:15 – 12:00 *Nuclear Regulation in Canada — Moving Forward*



Michael Binder, President and CEO, Canadian Nuclear Safety Commission

The Canadian Nuclear Safety Commission (CNSC) is Canada's nuclear watchdog. It regulates all nuclear activities in Canada — from uranium mining and nuclear power to medical isotopes and waste management. Its mandate is to protect the health, safety and security of Canadians; protect the environment; and to respect Canada's international commitments on the peaceful use of nuclear energy. To meet these challenges, the CNSC is committed to ongoing improvements and innovation; to clarity in regulatory requirements; to building capacity for action; and to enhanced communications with all stakeholders. We are striving to become the best nuclear regulator in the world!

Thank You to Our Sponsors



12:15 – 14:15 **Luncheon**

Nuclear Industry Development in the New West



The Honourable Brad Wall, Premier of Saskatchewan, MLA for Swift Current

Notwithstanding the fact that almost one-quarter of the world's uranium comes from Saskatchewan, the next dollar of value added in the province to this product will be the first. That's about to change. Saskatchewan Premier Brad Wall will talk about how the province plans to lead the development of the nuclear industry in the New West.

14:30 – 15:30 *Canadians' Attitudes Towards Nuclear in Challenging Times*



John Wright, Senior Vice-President, Ipsos-Reid

These are indeed challenging times for Canadians with concerns about the economy, job anxiety, retirement savings depletion and the very stability of the country. But it's also a challenging time for the nuclear industry because, with this kind of public opinion environment, policy and transformational commitments for the industry to meet the demands of tomorrow can be given a lesser priority than seemingly more urgent public needs. As a result, keeping a handle on the dimensions of public opinion will be critical in guiding the industry to ensure that decision makers and key segments of the population not only don't lose sight of, but continue to support, nuclear power initiatives.

Based on 2009 data, John will provide an overview of the Canadian public opinion landscape and give an update on what the public thinks about the positioning and priorities of Canada's nuclear industry.

15:30 – 16:00 **Coffee Break**

16:00 – 16:45 *U.S. Nuclear Energy: A Partner in Climate and Supply Solutions*



Angelina S. Howard, Vice President, Office of the President and Executive Adviser to the President, Nuclear Energy Institute (NEI), Washington, D.C.

Today, nuclear energy supplies nearly 20 percent of the electricity generated in the United States, and does so safely, reliably and without the emissions of greenhouse gases that contribute to climate change concerns. In order to meet the growth in demand for baseload power in the coming decades and to increase the generation of non-emitting electricity, U.S. utilities are planning to add new nuclear energy plants to their generation mix.

This presentation will describe the status of new nuclear in the U.S., and it will also discuss the interactions among the industry, the new Congress and the new Administration concerning the policy and regulatory initiatives needed to support new nuclear construction.





16:45 – 17:30 ***Adding Nuclear Capacity in New Brunswick: Refurbishment and New Construction at the Point Lepreau Generating Station***



The Honourable Jack Keir, Minister, New Brunswick Department of Energy

The refurbishment of New Brunswick's only nuclear generating station, Point Lepreau, is well underway. The \$1.4 billion project is the first refurbishment of a CANDU 6 reactor in the world. Energy Minister Jack Keir will provide an in-depth overview of the challenges and successes of the Lepreau refurbishment project to date, and look ahead to the remaining milestones in this 18-month mega-project. The Minister will also speak about the progress to date of the new build project at Point Lepreau, which involves construction of a privately owned ACR-1000 facility.

17:30 – 19:30 **Exhibitor and Career Fair Reception**

Friday, February 27, 2009

07:45 – 09:45 **Breakfast**
Over the Top — Politics in Ottawa and Climate Change

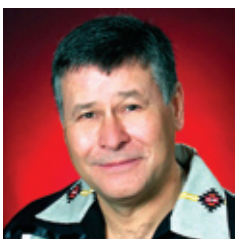


Rex Murphy, CBC Journalist and Commentator

Considering that we're coming out of one of the most confused and dramatic periods in Canadian politics — all occurring in the context of an international crisis in the world's economy — Rex Murphy will talk about Ottawa, the current state of play in our federation, and how both government and citizens are dealing with the present financial emergency.

He will also discuss how the great debate on global warming operates in the current political situation, commenting on the "debate" itself, and various proposed responses by those who advocate government action on behalf of global warming.

10:00 – 10:45 ***First Nations Involvement in the Energy Industry***



Grand Council Chief John Beaucage, Anishinabek Nation — Union of Ontario Indians

With the domestic and global pressure to move away from oil and other non-renewable sources of energy, and an unprecedented demand for cleaner and renewable sources of energy, First Nations are beginning to play a greater role in the energy industry, not only as environmental advocates but as investors, developers and business people.

As Grand Council Chief Beaucage recently stated, "In the United States, tribes and tribal councils have been able to support their communities and governments through sovereignty and the establishment of gaming. Here in Canada, energy development, generation and transmission will be our casinos."

Although Grand Council Chief Beaucage has concerns over nuclear energy and in particular nuclear waste management, he is, however, one of the strongest advocates for First Nations involvement in all aspects of the energy including the nuclear industry.

10:45 – 11:15 **Coffee Break**

11:20 – 12:00 *Strategic Leadership in Nuclear*



Ian McGinty, Executive Vice President of Human Resources, Bruce Power; and
Lewis Rusen, Office Managing Director & Senior Partner, Leadership and Talent Consulting,
Korn/Ferry International

A vital component of the nuclear renaissance requires focusing on leadership capability to deliver business results — both for today and tomorrow. In February 2007, Bruce Power and Korn/Ferry agreed to a multi-year strategic alliance with the objective of accelerating leadership capacity through an integrated talent management approach. Two years later, there has been significant progress, some challenges, and valuable lessons learned as the alliance continues to evolve.



12:00 – 12:15 *Closing Remarks*



Murray Elston, President and CEO, Canadian Nuclear Association

12:15 – 14:00 *Closing Buffet Luncheon*

Thank You to Our Sponsors



Nuclear Industry Conference and Trade Show 2009

(First and last name as they will appear on your name badge)

Mr. Mrs. Ms. Dr. First Name: _____ Last Name: _____
Title: _____
Organization: _____
Address: _____
City: _____ Province: _____ Postal Code: _____ Country: _____
Telephone: (_____) _____ Fax: (_____) _____
E-mail Address: _____ Website: _____

CNA CONFERENCE FEE STRUCTURE

	Before Jan. 23	On, or after Jan. 23
Members	<input type="checkbox"/> \$500	<input type="checkbox"/> \$550
Non-members	<input type="checkbox"/> \$600	<input type="checkbox"/> \$650
Government	<input type="checkbox"/> \$500	<input type="checkbox"/> \$550
Students/Retirees	<input type="checkbox"/> \$200	<input type="checkbox"/> \$250
Opening Reception Only	<input type="checkbox"/> \$150	<input type="checkbox"/> \$200
Fee Not Applicable	<input type="checkbox"/> (by invitation only)	

Member rates apply to employees of CNA member companies.

Full refunds will be provided if cancellation is received by January 23, 2009. Cancellations received after this date will be charged an administration fee of \$100.

Late registrants cannot be guaranteed seating for breakfasts or lunches.

Conference Fee _____ CDN
Plus 5% GST _____ CDN
Total Payment _____ CDN
(GST Reg. R100769082)

PAYMENT INFORMATION

Payment by (check one):
 Fee not applicable
 Cheque — Payable to *Canadian Nuclear Association*
 Visa MasterCard Amex

Card #: _____
Expiry Date: _____
Cardholder Name: _____
Signature: _____

Please send your completed form by mail, or fax to:

Canadian Nuclear Association
CNA Nuclear Industry Conference and Trade Show 2009
130 Albert Street, Suite 1610
Ottawa, Ontario, Canada K1P 5G4
Fax 613-237-0989

For more information, please call 613-237-4262 ext 105, or e-mail:
lindsayj@cna.ca. Online Registration available at: www.cna.ca

RECEPTION GUEST REGISTRATION

Conference and Trade Show participants may register their guest to attend the opening reception on February 25.

Please include payment for your guest when you register. Guest \$150 Guest Name: _____

HOTEL REGISTRATION

Special room rates have been made available for Canadian Nuclear Association Conference and Trade Show 2009 delegates at the Westin Ottawa Hotel and Novotel Ottawa Hotel. Please contact the hotels directly to reserve or cancel accommodation. Credit card information must be provided at the time of booking.

The Westin Ottawa

11 Colonel By Drive, Ottawa, Ontario, Canada K1N 8S7
Tel. 613-560-7000 or 1-800-937-8461; Fax 613-234-5396

Online Reservations: www.starwoodmeeting.com/StarGroupsWeb/booking/reservation?id=0808274759&key=F56B

Reservations at the conference rate are guaranteed until January 23, 2009; after that, rooms will be subject to availability. Be sure to specify that you will be attending the Canadian Nuclear Association Conference to receive the discounted room rate.

ROOM RATES

Traditional \$181 single / double
Deluxe \$231 single / double
Suites \$306 and up
Additional Person \$20

Novotel Ottawa Hotel

33 Nicholas Street, Ottawa, Ontario, Canada K1N 9M7
Tel. 613-230-3033 or 1-800-NOVOTEL (668-6835)
Fax 613-760-4765

From the Westin: 0.8 km — about a 3-minute walk

Online Reservations: www.novotelottawa.com
Reservation booking code: 15124 to receive the discounted room rate.

Free in-room internet access available with reservation.

Reservations at the conference rate are guaranteed until February 10, 2009; after that, rooms will be subject to availability. Be sure to specify that you will be attending the Canadian Nuclear Association Conference to receive the discounted room rate.

ROOM RATES

Traditional \$145 single/double
Suites \$199