NEA workshop on nuclear damages, liability issues & compensation schemes

Canada - Update

Paris, France – 10-11 December 2013

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Canadian Nuclear Safety Commission

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Regulates the use of nuclear energy and materials to protect the **health, safety and security** of Canadians and the **environment**; and to implement Canada’s **international commitments** on the peaceful use of nuclear energy.
Our Commission Members

Dr. Michael Binder
President and Chief Executive Officer, CNSC

Dr. Ronald J. Barriault
Practising physician and member of the Canadian Medical Association, College of Family Physicians of Canada and the New Brunswick Medical Society Charlo, New Brunswick

Dr. J. Moyra J. McDill
Professor, Department of Mechanical and Aerospace Engineering, Carleton University Ottawa, Ontario

Mr. André Harvey
Former president, Bureau d’audiences publiques sur l’environnement (BAPE) Québec, Québec

Dr. Sandy McEwan
Chair, Department of Oncology, University of Alberta Edmonton, Alberta

Mr. Dan D. Tolgyesi
President, Quebec Mining Association Québec, Québec

Ms. Rumina Velshi
Former director, Planning and Control, Darlington New Nuclear Project Toronto, Ontario

Deep Geologic Repository Joint Review Panel

Dr. Stella Swanson
Biologist and Environmental Consultant Rockglen, Saskatchewan

Dr. Gunter Muecke
Professor, Department of Geology, Dalhousie University Halifax, Nova Scotia

Dr. James F. Archibald
Professor, Department of Mining, Queen’s University Kingston, Ontario
The CNSC is located across Canada

**Fiscal year 2013-14**
- Human Resources: 824 FTEs
- Fin. Resources: $139.1 million
- Licensees: 2,500
- Licences: 3,300

- 22 Nuclear Power Reactors on 5 sites
- 8 Research Reactors
- 6 active uranium mines/mills in Northern Saskatchewan provide significant portion of world supply
- 20+ historic waste sites, including Port Hope
- Export and Import Controls, International Safeguards and Nuclear Non-proliferation

Headquarters (HQ) in Ottawa
- 5 site offices at power reactors
- 1 site office at Chalk River
- 4 regional offices
CNSC Regulates All Nuclear-Related Facilities and Activities

- Uranium mines and mills
- Uranium fuel fabricators and processing
- Nuclear power plants
- Waste management facilities
- Nuclear substance processing
- Industrial and medical applications
- Nuclear research and educational
- Export/import control
Nuclear Power Plants - Status

**Darlington** NPP (Ontario)
- Environmental assessment (EA) approved for refurbishment of existing reactors
- Ontario government decision on New Build

**Pickering** NPP (Ontario)
- Licence renewal decision released August 09, 2013
- End of commercial operation planned for 2020

**Bruce** NPP (Ontario)
- Refurbishments completed in 2012
- Application for licence renewal received Nov. 2013

**Point Lepreau** NPP (New Brunswick)
- Refurbishment completed and returned to service on November 23, 2012

**Gentilly-2** NPP (Quebec)
- Québec decided to decommission, not refurbish
International Cooperation

- NCAs with United States (1955), Germany (1957), Japan (1960), and Russia (1989)
- Recent nuclear cooperation and bilateral agreements with India, China, United Arab Emirates
- MOU with Mongolia soon to be signed
- NCA and administrative agreement with Kazakhstan upcoming
- Nuclear Cooperation Agreement under negotiation with South Africa
On December 3, 2013, the Honourable Lynne Yelich, Minister of State, announced that Canada has signed the *Convention on Supplementary Compensation for Nuclear Damage*, bringing the treaty another step closer toward full ratification.

Joining the convention complements measures that the Government of Canada will introduce in Parliament to strengthen its nuclear liability regime. The proposed legislation would:

- Increase the amount of compensation available to address civil damage from $75 million to $1 billion (Can);
- Make nuclear operators absolutely and exclusively liable for nuclear damage without the need to prove fault.
