

Waste Management, Decommissioning and Environmental Restoration for Canada's Nuclear Activities

Second Announcement and Call for Paper Summaries

Current Practices and Future Needs

The Canadian Nuclear Society is pleased to announce a conference on Waste Management, Decommissioning and Environmental Restoration for Canada's Nuclear Activities, to be held September 11-14, 2011 at the Marriott Toronto Downtown Eaton Centre, in downtown Toronto. An equipment and services exhibition is planned in conjunction with the conference.

The conference is intended to provide a forum for discussion of the status and proposed future directions of technical, regulatory, environmental, social, and economic aspects of radioactive waste management, nuclear facility decommissioning, and environmental restoration activities for Canadian nuclear facilities. Although the conference will focus on activities pertaining to Canada's nuclear industry, many of the technical issues involved have a broader relevance, therefore papers on the topic of the conference from outside the nuclear industry, and from other countries, will be welcome.

The conference is organized into plenary sessions and concurrent technical tracks and papers are being solicited for the Technical Sessions.

Topics to be addressed during the conference will include the following:

- Near-surface disposal of very low level waste
- Low and intermediate level waste management issues, with an emphasis on geological disposal and operational issues faced by waste-producers such as waste segregation, characterization, verification; treatment and processing; waste minimization, and waste inventories
- Uranium mining, milling and conversion wastes
- Transportation
- Used nuclear fuel, with an emphasis on geological disposal, but including storage practices
- Decommissioning and environmental remediation, including that of old waste management facilities
- Licensing and regulatory considerations, including standards and clearance criteria
- Social issues, including siting of facilities, and decision-making criteria and processes

Deadlines

- Submission of Paper Summaries: October 4, 2010
- Author notification of acceptance: November 12, 2010
- Submission of full papers: May 13, 2011
- Comments to authors on papers: August 15, 2011
- Submission of final full papers: September 11, 2011

Guidelines for Submission of Paper Summaries

Paper Summaries should be approximately 750 to 1200 words in length (tables and figures counted as 150 words each).

They should include:

- an introductory statement indicating the purpose of the work
- a description of the work performed
- the results achieved

Summaries are to be submitted no later than October 4, 2010 by e-mail to Mark Chapman: chapmanmw@aecl.ca

For more details see the conference website

<http://www.cns-snc.ca/events/waste-management-decommissioning-and-environmental/>

Post Conference Technical Tours

Technical tours are being planned to three Canadian nuclear facilities: the Low-Level Radioactive Waste Management Office activities at Port Hope, the Darlington Used Fuel Dry Storage Facility, and the OPG Western Waste Management Facility at the Bruce site.

Questions regarding papers and the Technical Program should be addressed to:

Mark Chapman

E-mail: chapmanmw@aecl.ca

General questions regarding the Conference should be addressed to:

Elizabeth Muckle-Jeffs

Conference Administrator

The Professional Edge

Tel. North America toll-free: 1-800-868-8776

Tel. International: 1-613-732-7068

Fax: 613-732-3386

Email: Elizabeth@TheProfessionalEdge.com

Questions about Conference registration should be addressed to:

CNS Office

Tel.: 416-977-7620

E-mail: cns-snc@on.aibn.com

Organizing Committee

Colin Allan (AECL, retired), *Conference General Chair*

Alan Melnyk (AECL), *Technical Program Chair*

Ken Dormuth (AECL retired), *Plenary Session Chair*

Joan Miller (AECL), *Sponsorships and Exhibits*

Tracy Sanderson (AECL), *Treasurer*

Benjamin Rouben (CNS), *Facilities*

Pauline Witzke (OPG), Judy Ryan (COG, retired),

Barbara Gray (AECL, retired), *Technical and Social Tours*

Elizabeth Muckle-Jeffs, *Conference Administrator*

Denise Rouben (CNS Office), *Conference Registration*

Jo-Ann Facella (NWMO)

Ken Gullen (Cameco Corporation)

Don Howard (Canadian Nuclear Safety Commission)

Kathleen Hollington (Natural Resources Canada)

Janice Hudson (OPG)

Dave McCauley (Natural Resources Canada)

Jamie Robinson (NWMO)

The conference is being organized by the Canadian Nuclear Society in cooperation with the International Atomic Energy Agency, and is co-sponsored by the Argentina Nuclear Technology Association, the Atomic Energy Society of Japan, the Chinese Nuclear Society, the Indian Nuclear Society, the Korean Nuclear Society, the Nuclear Energy Agency of the OECD and the Romanian Nuclear Energy Association.

