



IAEA

International Atomic Energy Agency

INFORMATION SHEET

**Joint IAEA–CNSC Workshop on Regulatory Activities
Associated with NPP Full-Scope Simulator Training and
Testing**

J5-TM-44311

Toronto, Canada

21–23 August 2012

1. INTRODUCTION

Nuclear power plant (NPP) operators use full scope simulators that replicate a real plant's main control room for a variety of purposes, including training and testing of key operating personnel and validation of operating practices. The degree of oversight exercised by regulatory bodies with regard to full scope simulator activities varies, and it would therefore be of benefit to regulators to discuss their various approaches.

This workshop will provide a forum for such discussions. It will take advantage of the CANDU Owners Group's (COG's) annual Simulator Instructional Training Session and Workshop to raise issues that are of common interest for regulators and NPP operators.

2. WORKING LANGUAGE

The workshop will be held in English only. No interpretation will be provided.

3. OBJECTIVES

The purpose of this workshop is to enable and facilitate discussion of current regulatory frameworks, methods, best practices and challenges relating to the oversight of full scope simulator activities. The workshop will:

- Discuss regulatory challenges in relation to full scope simulator activities;
- Identify emerging trends and future regulatory requirements;
- Discuss common and innovative approaches to training, testing and operational validation using full scope simulators; and
- Identify best practices and effective strategies for regulatory oversight of full scope simulator activities.

4. PARTICIPATION

This workshop is intended mainly for senior regulators and experts from the operating organizations of countries that own and operate CANDU-type reactors, but it is also open to regulators and experts from other countries that use full scope simulators for the training and testing of their NPP staff who are interested in sharing the status of their simulator programmes.

5. WORKSHOP TOPICS

The workshop will focus on the following topics:

- Best practices relating to current full scope simulator training and testing programmes and their associated activities for initial and ongoing training and requalification of key operating personnel.
- Initiatives, activities and tools used to focus on, and strengthen, simulator training and examination effectiveness.
- Identification of areas where regulators can further collaborate.
- Sharing of simulator programme successes and challenges

- Lessons learned on all aspects of simulator training and testing.
- Best practices for feedback on, and post-exercise critiques of, all simulator events.
- Status, next steps and future developments of all aspects of simulator training and testing.
- Emerging international regulatory trends and issues related to certification training.

6. VISAS

Designated participants who require a visa to enter Canada should submit the necessary application to the nearest respective diplomatic or consular representatives of Canada as soon as possible.

Similarly, the necessary arrangements for accompanying hardware/software should also be made as soon as possible.

7. EXPENDITURE

The costs of the workshop are borne by the International Atomic Energy Agency (IAEA) and the Canadian Nuclear Safety Commission (CNSC); no registration fee is charged to participants.

Travel and subsistence expenses of participants will not be borne by the IAEA. Limited funds are, however, available to help cover the cost of participants from Member States eligible to receive technical assistance under the IAEA's technical cooperation programme. Such assistance may be offered, upon specific request, to one participant per country, provided that, in the IAEA's view, this participant will make an important contribution to the workshop. The application for financial support should be made at the time of nominating the participant.

8. APPLICATION PROCEDURES

Nominations should be submitted on the attached Participation Form. Completed forms should be endorsed by, and returned through, the normal official channels. They must be received by the IAEA not later than **27 July 2012**. Nominations received after that date or applications sent directly by individuals or by private institutions cannot be considered. Nominating governments will be informed in due course of the names of the selected candidates and at that time full details will be given on the procedures to be followed with regard to administrative and financial matters. For Member States receiving technical cooperation assistance, applications for financial support should be made at the time of nominating the participant. This application should be submitted using the Nomination Form available from the IAEA's website:

<http://www.iaea.org/technicalcooperation/How-to-take-part/In-meetings-WS/index.html>.

9. LOCAL ARRANGEMENTS

The meeting will be held in Toronto, Canada, and will start on Tuesday, 21 August 2012 at 8.15 a.m. and end at Thursday, 23 August 2012 at 4.00 p.m.

Hotel room reservations are to be made at:

Hilton Garden Inn Toronto/Ajax
500 Beck Crescent
Ajax, Ontario L1Z 1C9, CANADA
Tel: +1 905 686 9400
Fax: +1 905 686 9468
Website: <http://hiltongardeninn.hilton.com/en/gi/hotels/index.jhtml?ctyhocn=YYZAJGI>

The rate for participants is \$129/- available up to and including 20 July 2012. The regular rate is \$ 149/-.

Please note that the Hilton Garden Inn in Ajax is located 58 km east of Toronto Pearson International Airport (if travelling by taxi from the airport, the journey time is ca. 1 hour and the fare is ca. \$85). The hotel is about the same distance from downtown Toronto. Limited courtesy transportation could be arranged by contacting the assigned CNSC contact. This will depend on availability of CNSC staff and vehicles.

The meeting agenda, together with information on local arrangements, will be sent to designated participants when the completed Participation Forms have been received.

The CNSC contact person for further information is:

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10. IAEA SECRETARIAT

The IAEA Scientific Secretary for the workshop is Ms Adriana Nicic of the Division of Nuclear Installation Safety.

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To be sent to the competent official authority (Ministry of Foreign Affairs or National Atomic Energy Authority) for transmission to the International Atomic Energy Agency, Vienna International Centre, PO Box 100, 1400 Vienna, Austria (Fax: +43 1 26007).

PARTICIPATION FORM

FAMILY NAME:	GIVEN NAMES:	Mr /Ms
INSTITUTION:	FULL ADDRESS:	
	TEL.: FAX: EMAIL:	
NATIONALITY:	DESIGNATING GOVERNMENT OR ORGANIZATION:	
MAILING ADDRESS (IF DIFFERENT FROM THE ADDRESS INDICATED ABOVE):		
DO YOU INTEND TO MAKE A PRESENTATION? YES <input type="checkbox"/> NO <input type="checkbox"/>		
TITLE OF PRESENTATION:		