



Canadian Nuclear
Safety Commission

Commission canadienne
de sûreté nucléaire

IRRS Mission to Canada 2011 Exit Message

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65TH ANNIVERSARY
65^E ANNIVERSAIRE

Follow Up IRRS Mission 2011

- ❖ 28 November to 9 December 2011
- ❖ Verifying the closure of the 2009 suggestions and recommendations
- ❖ Expanded international review scope to encompass:
 - transportation of nuclear substances against IAEA standards and international best practices; and
 - CNSC response to Fukushima and CNSC Task Force Report

Confirms independent, mature and well-established nuclear regulatory framework

IRRS 2011 Conclusions

IRRS Team Conclusions

- ❖ 30 of the 32 commitments made in 2009 have been effectively addressed and are considered closed
- ❖ Progress has been made on the remaining 2 commitments
 - Memorandum of Understanding with Health Canada
 - Periodic Safety Reviews
- ❖ All the necessary actions have not yet been completed to consider them closed

CNSC staff commended for accomplishments and active senior management commitment

IRRS 2011 Conclusions

- ❖ Review of transportation module against IAEA Standards
 - Regulatory framework for transport of radioactive materials is well established, commensurate with the large scope and volume of transport activities in Canada
 - The procedures and criteria used for the Special Arrangement shipment of steam generators from Canada to Sweden are in compliance with IAEA Transport Regulations TS-R-1
 - Key area for improvement was identified:
 - Adoption of IAEA 2009 Transport Regulations for the Safe Transport of Radioactive Material

Confirmed that the CNSC ensures an equivalent level of safety for Special Arrangement in accordance with international requirements

IRRS 2011 Conclusions

- ❖ CNSC response to the TEPCO Fukushima Daiichi accident
 - CNSC commended on their immediate actions following the Fukushima accident
 - Proper regulatory action was taken by the CNSC
 - CNSC actions were prompt, robust and comprehensive
 - Key recommendations include:
 - A Federal Government review of nuclear power plant off-site emergency plans should include all relevant organizations
 - Full-scale emergency exercises should be held on a periodic basis

CNSC prompt review found to be an extraordinary example to other international organizations

Closing Message

- ❖ Thank you to the IRRS Team for a successful mission
- ❖ Commend CNSC staff who were instrumental in the successful closure of the 2009 recommendations and suggestions – our success is a token to CNSC staff commitment and hard work
- ❖ Exemplary work by CNSC staff involved in the preparations and logistics to making this mission a success

***We serve to ensure safety for the public and the environment
We've received International confirmation and recognition
that we are doing an effective job***