

Protecting Canadians



Canadian Nuclear Safety Commission
2004-2005 Annual Report



Canadian Nuclear
Safety Commission

Commission canadienne
de sûreté nucléaire

Canada

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Minister of Natural Resources Canada

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I. The Canadian Nuclear Safety Commission

Letter to the Minister of Natural Resources Canada
The Honourable R. John Efford

The Honourable R. John Efford
Minister of Natural Resources Canada
Ottawa, Ontario

Sir:

I have the honour of presenting you with the Annual Report of the Canadian Nuclear Safety Commission for the fiscal year ending March 31, 2005. The report has been prepared and is submitted in accordance with Section 72 of the *Nuclear Safety and Control Act*.



Linda J. Keen
President and Chief Executive Officer



Canadian Nuclear Safety Commission
Commission canadienne de sûreté nucléaire

Canada



Protecting Canadians

The CNSC's regulatory regime requires that licensees design, construct and operate their facilities safely at all times.

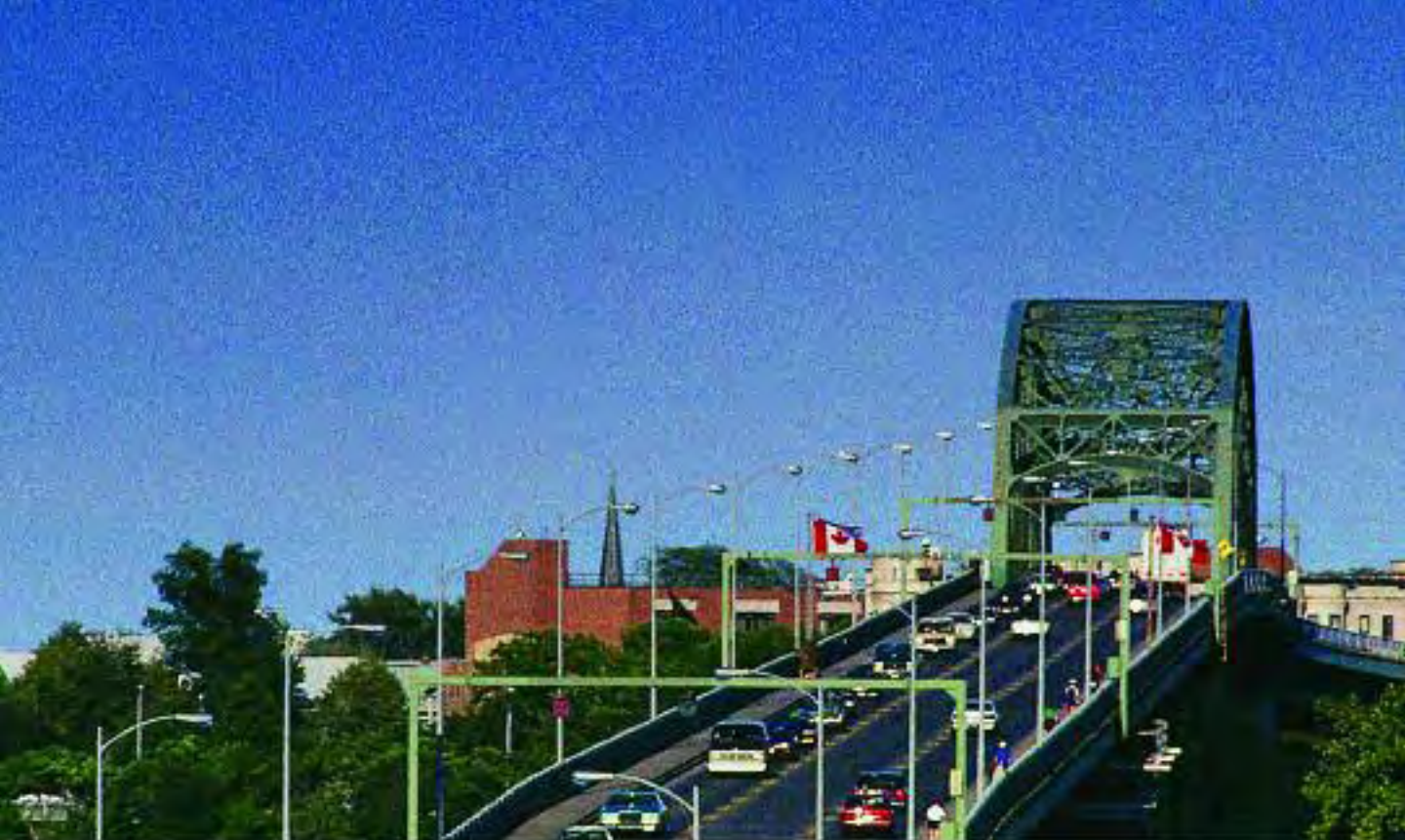




Protecting Canadians' Health

Increased demand and the development of new technologies in the fields of nuclear medicine and radiation therapy require constant vigilance on the part of the CNSC.





Protecting Canadians' Security

To protect Canadians, the CNSC has initiated major new security initiatives that apply to nuclear facilities and substances.





Protecting the Canadian Environment

Protecting the environment is of major importance in the work of the CNSC, through its environmental responsibilities under the *Nuclear Safety and Control Act* and other relevant legislation.



Message from the Chief Executive Officer
Linda J. Keen

I am pleased to present the 2004-2005 Annual Report of the Canadian Nuclear Safety Commission (CNSC).

This report covers my fourth year as President and Chief Executive Officer of the CNSC. It outlines the important steps that the CNSC, as Canada's nuclear regulator, has taken over the past year to deliver on its mission to protect health, safety, security and the environment and to respect Canada's international commitments on the peaceful use of nuclear energy.

On behalf of Canadians, the CNSC continues to exercise effective regulatory control over the use of nuclear energy and materials. Over the past year, we have worked diligently to ensure that the CNSC is effective in the way it manages its business. In addition to our vital work in licensing and in compliance inspection, we are continuing to improve our robust regulatory framework, and are committed to the implementation of quality management practices. We have already introduced an integrated management system to define and apply a common set of management practices and principles, align current and future improvements, and link key activity areas to outcomes. In addition, we have launched the Power Reactor Regulation Improvement Program, which is intended to ensure that the power reactor regulation program delivers more effective regulatory oversight. In addition, the CNSC has made substantial progress on the documentation of an updated licensing basis for the design of power reactors. This draft CNSC standard will be used to assess the licensability of any new reactors in Canada.

Internationally, the CNSC has been active in efforts to ensure the safe and peaceful use of nuclear substances. Highlights of the past year include: the adoption of an internationally harmonized regulatory regime for radioactive sources; subjecting Canada's nuclear power reactor pro-

gram to a thorough international peer review; strengthening international guidelines governing the safe operation of research reactors worldwide; strengthening radiation protection requirements for carriers; improving safeguards to track the use of nuclear substances in Canada; and tightening import/export controls over the movement of nuclear substances.

The CNSC also launched a values and ethics program in March 2005, under the theme "*Helping good people do the right thing*". This is a key component of a sound governance structure. A clearly articulated values and ethics strategy will provide CNSC staff with practical tools to guide them in making ethical decisions in the course of their work, and will also strengthen the CNSC's relationships with licensees and stakeholders. The CNSC's Audit and Ethics Group continues to be responsible for performing a rigorous internal audit role and, new in 2005, for receiving and investigating disclosures of wrongdoing consistent with the draft *Public Servants Disclosure Protection Act* (Bill C-11).

As you will see in the following pages, the CNSC has made important strides in every area of its mandate. Although many challenges lie ahead, our accomplishments so far provide a solid foundation on which to build.

As we move forward, our commitment to the people of Canada will remain unwavering – to protect health, safety, security and the environment and to respect Canada's international commitments on the peaceful use of nuclear energy. Whatever new growth or demands we face, we will not lose sight of this mission.

Sincerely,



Linda J. Keen, M.Sc.

Executive Management Team

The Chief Executive Officer of the CNSC staff organization leads an Executive Committee responsible for the management of the agency.



Linda J. Keen
President and Chief Executive Officer



Ken Pereira
Executive Vice President
Operations



Ginette Bergeron
Vice President
Corporate Services



Marc Leblanc
Commission Secretary



Ken Wagstaff
Executive Director
Office of International
Affairs



James Clarke
Executive Director
Office of Regulatory
Affairs



Jacques Lavoie
Director
Legal Services and
General Counsel