

Summary Record of Proceedings and Decision

In the Matter of

Applicant Cameco Corporation

Subject Application to Amend the Class IB Nuclear Fuel
Facility Operating Licence for the Blind River
Refinery

Hearing
Date April 12, 2007

RECORD OF PROCEEDINGS

Applicant: Cameco Corporation

Address/Location: One Eldorado Place, Port Hope, Ontario, L1A 3V1

Purpose: Application to amend the Class IB Nuclear Fuel Facility Operating Licence for the Blind River Refinery

Application received: December 22, 2006

Date(s) of hearing: April 12, 2007

Location: Canadian Nuclear Safety Commission (CNSC) Public Hearing Room, 280 Slater St., 14th. Floor, Ottawa, Ontario

Members present: L.J. Keen, Chair M. J. McDill
A.R. Graham

Secretary: M.A. Leblanc
General Counsel: S. Maislin Dickson
Recording Secretary: M. Young

Applicant Represented By		Document Number
<ul style="list-style-type: none">• R. Stean, Vice-President, Fuel Services• C. Astles - Manager, Blind River Operations• J. DeGraw - Superintendent, Quality, Compliance & Licensing		CMD 07-H105.1
CNSC staff		Document Number
<ul style="list-style-type: none">• B. Howden• H. Rabski	<ul style="list-style-type: none">• D. Werry• A. Ray	CMD 07-H105

Licence: Amended
Date of Decision: April 12, 2007

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Introduction

1. Cameco Corporation (Cameco) has applied to the Canadian Nuclear Safety Commission (CNSC¹) for an amendment to its Class IB Nuclear Fuel Facility Operating Licence for its Blind River facility, located near the town of Blind River, Ontario. The current fuel facility operating licence is FFOL-3632.0/2012.
2. The Blind River facility refines various milled uranium concentrates (yellowcake) received from various sources to produce uranium trioxide powder (UO₃), an intermediate product of the fuel cycle. The primary recipient of the product is Cameco's Port Hope Conversion Facility. The Blind River facility is currently licensed to produce up to 18,000 tonnes of uranium as uranium trioxide during any calendar year.
3. Cameco proposes to upgrade the hazardous waste incinerator at its Blind River facility with improved technology for incineration control, new pollution abatement equipment, and on-line monitoring equipment. The upgraded incinerator will handle the contaminated combustible waste from both Cameco's Blind River facility and Port Hope's Conversion Facility.
4. This *Summary Record of Proceedings and Decision* announces the decision of the Commission on Cameco's licence amendment application. A detailed *Record of Proceedings, including Reasons for Decision* will be published at a later date to describe the Commission's consideration of the evidence on record for this hearing and to provide the Commission's reasons for decision.

Issues

5. In considering the application, the Commission was required to decide, pursuant to subsection 24(4) of the *Nuclear Safety and Control Act*² (NSCA):
 - a) if Cameco is qualified to carry on the activity that the amended licence would authorize; and
 - b) if, in carrying on that activity, Cameco would make adequate provision for the protection of the environment, the health and safety of persons and the maintenance of national security and measures required to implement international obligations to which Canada has agreed.

¹ In this *Summary Record of Proceedings and Decision*, the *Canadian Nuclear Safety Commission* is referred to as the "CNSC" when referring to the organization and its staff in general, and as the "Commission" when referring to the tribunal component.

² S.C. 1997, c. 9.

Public Hearing

6. The Commission, in making its decision, considered information presented for a public hearing held on April 12, 2007 in Ottawa, Ontario. During the public hearing, the Commission received written submissions and heard oral presentations from CNSC staff (CMD 07-H105) and Cameco (CMD 07-H105.1).

Decision

7. Based on its consideration of the matter, the Commission concludes that Cameco is qualified to carry on the activity that the amended licence will authorize. The Commission is also satisfied that Cameco, in carrying on that activity, will make adequate provision for the protection of the environment, the health and safety of persons and the maintenance of national security and measures required to implement international obligations to which Canada has agreed. Therefore,

the Commission, pursuant to section 24 of the *Nuclear Safety and Control Act*, amends the Class IB Nuclear Fuel Facility Operating Licence FFOL-3632.0/2012 issued to Cameco Corporation for its Blind River facility, located near the town of Blind River, Ontario. The amended licence FFOL-3632.1/2012 is valid until February 29, 2012.

8. The Commission includes in the licence the conditions recommended by CNSC staff, as set out in the draft licence attached to CMD 07-H105.

Issues and Commission Findings

9. In making its licensing decision, the Commission considered a number of issues relating to Cameco's qualification to carry out the proposed activities and the adequacy of the proposed measures for protecting the environment, the health and safety of persons, national security and international obligations to which Canada has agreed.
10. The findings of the Commission will be presented in a *Record of Proceedings*, including *Reasons for Decision*, to be published at a later date.

Conclusion

11. The Commission has considered the information and submissions of Cameco and CNSC staff as presented in the material available for reference on the record.

12. The Commission is satisfied that the applicant meets the requirements of subsection 24(4) of the *Nuclear Safety and Control Act*. That is, the Commission is of the opinion that Cameco is qualified to carry on the activity that the amended licence will authorize and that it will make adequate provision for the protection of the environment, the health and safety of persons and the maintenance of national security and measures required to implement international obligations to which Canada has agreed.
13. The Commission therefore amends, pursuant to section 24 of the *Nuclear Safety and Control Act*, the Class IB Nuclear Fuel Facility Operating Licence FFOL-3632.0/2012 issued to Cameco Corporation for its Blind River facility, located near the town of Blind River, Ontario.
14. The Commission includes in the licence the conditions recommended by CNSC staff as set out in the draft licence attached to CMD 07-H105.

Linda J. Keen,
President
Canadian Nuclear Safety Commission

Date of decision: April 12, 2007

Date of release of Summary Record of Proceedings and Decision: April 13, 2007