



Canadian Nuclear
Safety Commission

Commission canadienne
de sûreté nucléaire

Summary Record of Proceedings and Decision

In the Matter of

Applicant Cameco Corporation

Subject Application for the Renewal of the Operating
Licence for Cameco Fuel Manufacturing Inc. in
Port Hope, Ontario

Public Hearing
Dates November 3, 2011 and January 18-19, 2012

SUMMARY RECORD OF PROCEEDINGS

Applicant: Cameco Fuel Manufacturing Inc.

Address/Location: 200 Dorset Street East, Port Hope, Ontario L1A 3V4

Purpose: Application for the renewal of the operating licence for Cameco Fuel Manufacturing Inc. in Port Hope, Ontario

Application received: April 15, 2011

Dates of public hearing: November 3, 2011 and January 18-19, 2012

Location: Day 1: Canadian Nuclear Safety Commission (CNSC) Public Hearing Room, 280 Slater St., 14th. Floor, Ottawa, Ontario
Day 2: Town Park Recreation Centre, 62 McCaul Street, Port Hope, Ontario

Members present: M. Binder, Chair
R. J. Barriault M. J. McDill
A. Harvey D.D. Tolgyesi

Secretary: M.A. Leblanc
Recording Secretary: S. Gingras
General Counsel: L. Thiele

Applicant Represented By			Document Number
<ul style="list-style-type: none"> • A. Thorne, Vice-President, Fuel Services Division • A. Kodarin, General Manager, Cameco Fuel Manufacturing • M. Longinov, Manager of Environment and Occupational Health and Safety 			CMD 11-H17.1 CMD 11-H17.1A CMD 11-H17.1B
CNSC staff			Document Number
<ul style="list-style-type: none"> • P. Elder • B.R. Ravishankar • J. Amalraj • S. Lei 	<ul style="list-style-type: none"> • C. Purvis • G. Cherkas • P. Thompson 	<ul style="list-style-type: none"> • K. Bundy • R. Jammal • B. Ellaschuk 	CMD 11-H17 CMD 11-H17.A CMD 11-H17.B
Other Representatives			
<ul style="list-style-type: none"> • Office of the Fire Marshall, represented by O. Lamerz • Port Hope Area Initiative Management Office, represented by J. Herod 			
Intervenors			
See appendix A			

Licence: Renewed

Table of Contents

Introduction	1
Decision	2
Issues and Commission Findings	3

Introduction

1. Cameco Corporation (Cameco) has applied to the Canadian Nuclear Safety Commission¹ (CNSC) for the renewal of the operating licence for its Fuel Manufacturing Facility located in Port Hope, Ontario. The current operating licence, FFOL-3641.2/2012, expires on February 29, 2012. Cameco has applied for the renewal of this licence for a period of 10 years.
2. The fuel fabrication facility in Port Hope has been manufacturing commercial fuel bundles since 1965. This facility was acquired by Cameco in 2006 and renamed as Cameco Fuel Manufacturing Inc. (CFM) in 2008. The current licence authorizes Cameco to manufacture fuel bundles containing uranium dioxide pellets for use as nuclear fuel, primarily in CANDU reactors.
3. In addition to the request for licence renewal, CFM has proposed a revised financial guarantee for the future decommissioning of the facility, and CNSC staff recommends its acceptance by the Commission.
4. CNSC staff recommends a new licence format with a Licence Conditions Handbook (LCH), which describes the compliance verification criteria.

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 renewed 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.

Public Hearing

6. The Commission, in making its decision, considered information presented for a public hearing held on November 3, 2011 in Ottawa, Ontario and on January 18 and 19, 2012 in Port Hope, Ontario. The public hearing was conducted in accordance with the *Canadian Nuclear Safety Commission Rules of Procedure*³. During the public hearing, the Commission considered written submissions and heard oral presentations from

¹ 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 Statutes of Canada (S.C.) 1997, chapter (c.) 9.

³ Statutory Orders and Regulations (SOR)/2000-211.

CNSC staff (CMD 11-H17, CMD 11-H17.A, and CMD 11-H17.B) and Cameco (CMD 11-H17.1, CMD 11-H17.1A, CMD 11-H17.1B and CMD 11-H17.1C). The Commission also considered oral and written submissions from 48 intervenors (see Appendix A for a detailed list of interventions). Representatives from the Ontario Ministry of the Environment, Emergency Management Ontario and the Office of the Fire Marshall were also available for questions.

Decision

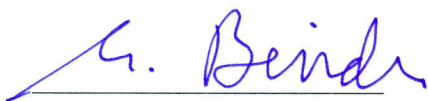
7. Based on its consideration of the matter, the Commission concludes that Cameco is qualified to carry on the activity that the amended licence will authorize. The Commission is also satisfied that Cameco, in carrying on that activity, will make adequate provision for the protection of the environment, 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*, renews Cameco Corporation's Nuclear Fuel Facility Operating Licence for its Fuel Manufacturing Facility located in Port Hope, Ontario. The renewed licence, FFOL-3641.00/2022, is valid from March 1st, 2012 to February 28th, 2022.

8. The Commission includes in the licence the conditions as recommended by CNSC staff and set out in the draft licence attached to CMD 11-H17, with the following modifications:
 - The expiry date of the licence is changed to February 28, 2022.
 - Licence condition 4.4 is removed.
 - CNSC staff shall include in the LCH the requirement for Cameco to request approval from CNSC staff before possessing enriched uranium in a quantity above 0.8 standard critical mass.
9. The Commission agrees with the delegation of authority as described in the LCH.
10. The Commission directs CNSC staff to prepare an annual industry report, including data on the performance of Cameco at CFM. The Commission also directs Cameco to prepare a status report on the safety performance of its facility approximately at midpoint of the 10-year licence term. The Commission requests that CNSC staff also prepare a report on the results of compliance activities carried out during the first half of the licence term and on the licensee's performance during that period. Cameco and CNSC staff shall present their reports at a public proceeding of the Commission, in the community of Port Hope.

Issues and Commission Findings

11. 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.
12. The Commission determined that there was no requirement for an Environmental Assessment pursuant to subsection 5(1) of the *Canadian Environmental Assessment Act*⁴ (CEAA). The Commission is satisfied that all applicable requirements of the CEAA have been fulfilled.
13. The findings of the Commission will be presented in a *Record of Proceedings*, including *Reasons for Decision*, to be published at a later date.



FEB 28 2012

Michael Binder
President,
Canadian Nuclear Safety Commission

Date

⁴ S.C. 1992, c. 37.

Appendix A – Intervenors

Intervenors	Document Number
Gerald Crawford	CMD 11-H17.2
Donald Ketcheson	CMD 11-H17.3
Marilyn Routly	CMD 11-H17.4
Jackie Brimblecombe	CMD 11-H17.5
Mike Kube	CMD 11-H17.6
Kevin Wharmby	CMD 11-H17.7
Ron Smith	CMD 11-H17.8
Port Hope and District Chamber of Commerce	CMD 11-H17.9
Diane Flesch	CMD 11-H17.10
Friends of Music	CMD 11-H17.11
Gerhard Heinrich	CMD 11-H17.12
Alvin Barr	CMD 11-H17.13
Municipality of Port Hope represented by L. Thompson and C. Cannon	CMD 11-H17.14 CMD 11-H17.14A
Bruce Cooper	CMD 11-H17.15
Northumberland Players	CMD 11-H17.16
Suzanne Frankcom-Wright	CMD 11-H17.17
Cobourg Dragon Boat and Canoe Club	CMD 11-H17.18
Heart & Stroke Foundation of Ontario	CMD 11-H17.19
Community Care Northumberland	CMD 11-H17.20
HMC Consulting	CMD 11-H17.21
John Morand	CMD 11-H17.22
Physicians for Global Survival	CMD 11-H17.23
Dan Rudka	CMD 11-H17.24
David Henderson	CMD 11-H17.25
Patricia Lawson	CMD 11-H17.26
Marcin Ryglewicz	CMD 11-H17.27
Donna Snowden	CMD 11-H17.28
Michael Murchie	CMD 11-H17.29
Victor Allan Glover	CMD 11-H17.30
Maricela Vosburgh	CMD 11-H17.31
Northumberland Manufacturers' Association	CMD 11-H17.32
Canadian Nuclear Workers Council	CMD 11-H17.33
Lou Rinaldi, Former M.P.P., Northumberland-Quinte West	CMD 11-H17.34
Rose Campbell	CMD 11-H17.35
Lorne VanderDussen	CMD 11-H17.36
Northumberland Labour Council	CMD 11-H17.37
Northumberland Services for Women	CMD 11-H17.38
Kathy Krakenberg	CMD 11-H17.39
Property Owners for Equitable & Fair Compensation represented	CMD 11-H17.40

by J. Morand	
United Steelworkers Local 14193	CMD 11-H17.41
Habitat for Humanity Northumberland	CMD 11-H17.42
Scientists in School	CMD 11-H17.43
Canadian Nuclear Association	CMD 11-H17.44
Graeme Lawson	CMD 11-H17.45
Atomic Energy of Canada Limited	CMD 11-H17.46
Port Hope Community Health Concerns Committee represented by F. More	CMD 11-H17.47 CMD 11-H17.47A
Jean Huffman	CMD 11-H17.48
Tyler Rouse	CMD 11-H17.49