



Canadian Nuclear
Safety Commission

Commission canadienne
de sûreté nucléaire

Summary Record of Proceedings and Decision

In the Matter of

Applicant Bruce Power Inc.

Subject Application to Renew the Power Reactor
Operating Licence for the Bruce A Nuclear
Generating Station and Approval to Reload Fuel
for Bruce A Units 1 and 2

Public Hearing Dates December 11, 2008, September 30, 2009 and
October 1, 2009

SUMMARY RECORD OF PROCEEDINGS

Applicant: Bruce Power Inc.

Address/Location: P.O. Box 1540, R.R. #2, Building B10, 177 Tie Road, Tiverton, Ontario, N0G 2T0

Purpose: Application to renew the Power Reactor Operating Licence for the Bruce Nuclear Generating Station A and approval to reload fuel for Bruce A Units 1 and 2

Application received: July 31, 2008

Dates of public hearing: December 11, 2008, September 30, 2009 and October 1, 2009

Location: Day 1: Ajax Convention Centre, 550 Beck Crescent, Ajax, Ontario
Day 2: CAW Family Education Centre, CAW/Bruce County Road 25, 115 Shipley Ave., Port Elgin, Ontario

Members present: M. Binder, Chair R. J. Barriault
A.R. Graham M. J. McDill
C.R. Barnes A. Harvey

Secretary: K. McGee
Recording Secretary: M. Young
Senior General Counsel: L. Thiele

Licence: Renewed

Introduction

1. Bruce Power Inc. (Bruce Power) has applied to the Canadian Nuclear Safety Commission¹ (CNSC) for the renewal of the power reactor operating licence (PROL) for its Bruce Nuclear Generating Station (NGS) A (Bruce A) located in the municipality of Kincardine, Ontario. The current operating licence, PROL 15.15/2009, expires on October 31, 2009. Bruce Power has applied for the renewal of this licence for a period of five years. In addition to the renewal of the PROL for Bruce A, Bruce Power has requested permission to re-load fuel in units 1 and 2 during the licence period, following the release of regulatory hold points as proposed for establishment.

Public Hearing

2. Pursuant to section 22 of the *Nuclear Safety and Control Act*² (NSCA), the President of the Commission established a Panel of the Commission to review the application. The Commission, in making its decision, considered information presented for a public hearing held on December 11, 2008 in Ajax, Ontario and September 30, 2009 and October 1, 2009 in Port Elgin, Ontario. The public hearing was conducted in accordance with the *Canadian Nuclear Safety Commission Rules of Procedure*³.

Decision

3. Based on its consideration of the matter, the Commission concludes that Bruce Power has met the conditions of subsection 24(4) of the NSCA. Therefore,

the Commission, pursuant to section 24 of the *Nuclear Safety and Control Act*, renews the power reactor operating licence issued to Bruce Power Inc. for its Bruce Nuclear Generating Station A located in the municipality of Kincardine, Ontario. The renewed licence, PROL 15.00/2014, is valid from November 1, 2009 to October 31, 2014.

4. The Commission includes in the licence the conditions as recommended by CNSC staff and set out in the draft licence attached to CMD 08-H29.E, with the following modifications:
 - Licence condition 13.3 is modified such that the Commission delegates to the *Vice President and Chief Regulatory Operations Officer, Regulatory Operations Branch, upon recommendation from the Director General, Directorate of Power Reactor Regulation*, the authority to consider Bruce Power's application for consent to remove established regulatory hold points for fuel reload and the re-start of Bruce A Units 1 and 2.

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 (S.O.R./2000-211.

5. With this decision, the Commission requests that CNSC staff include detailed information on the status of the refurbishment of Units 1 and 2, the status of Bruce Power's follow-up monitoring, and the status of the licence condition handbook in its annual Status Report on Power Reactors. CNSC staff shall present its report at a public proceeding of the Commission in approximately June of each year. The Commission notes that the public will have an opportunity to participate at the proceeding.

Issues and Commission Findings

6. In making its licensing decision, the Commission considered a number of issues relating to Bruce Power'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.
7. The Commission determined that an Environmental Assessment pursuant to subsection 5(1) of the *Canadian Environmental Assessment Act*⁴ (CEAA) is not required for Bruce Power's application for licence renewal. Also, the Commission is satisfied that all applicable requirements of the CEAA have been fulfilled regarding the project to re-load fuel in Units 1 and 2.
8. The findings of the Commission will be presented in a *Record of Proceedings, including Reasons for Decision*, to be published at a later date.



OCT 30 2009

Michael Binder
President,
Canadian Nuclear Safety Commission

Date

⁴ S.C. 1992, c. 37.