

# Record of Proceedings, Including Reasons for Decision

In the Matter of

Applicant Bruce Power Inc.

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Subject Application to Amend Bruce Nuclear Generating  
Stations A and B Power Reactor Operating  
Licences

Hearing  
Date August 29, 2008

## **RECORD OF PROCEEDINGS**

Applicant: Bruce Power Inc.

Address/Location: P.O. Box 1540, B10, 4th Floor W., Tiverton, ON N0G 2T0

Purpose: Application to Amend Bruce Nuclear Generating Stations A and B  
Power Reactor Operating Licences

Application received: May 1, 2008

Date of hearing: August 29, 2008

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

Members present: Michael Binder, Chair

Secretary: K. McGee  
Recording Secretary: P. Reinhardt

**Licence:** amended  
**Date of Release of Decision:** September 5, 2008

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## Introduction

1. Bruce Power Inc. (Bruce Power) has applied to the Canadian Nuclear Safety Commission<sup>1</sup> (CNSC) for an amendment to the Bruce Power Nuclear Generating Stations A (Bruce NGS A) and B (NGS Bruce B) Power Reactor Operating Licences (PROL). Both stations are located in the municipality of Kincardine, Ontario. The current licences are PROL 15.13/2009 for Bruce A and PROL 16.14/2009 for Bruce B.
2. Bruce Power is seeking CNSC's approval to revise the Bruce A and Bruce B Operating Policies and Principles (OP&Ps) to reflect a change in the role of the Vice Presidents for the Operation Divisions. Bruce also request that Bruce and Bruce B role description documents for licence related positions be replaced to reflect minor changes , including changes to the Shift Manager responsibilities and to eliminate the use of Supervised Control Panel Operators for Bruce B.
3. The submission specifically requests revision to the following documents:
  - BP-OPP-00002, Operating Policies and Principles – Bruce A;
  - BP-OPP-00001, Operating Policies and Principles – Bruce B;
  - DIV-OPA-00002, Bruce A – Role Descriptions for Licence Related Positions (replacing DOM-OPA-00001, Bruce A Operations-Division Organization Manual);
  - DIV-OPB-00002, Bruce B – Role Descriptions for Licence Related Positions (replacing DOM-OPB-00001, Bruce B Operations-Division Organization Manual);
  - DIV-OPA-000002, Bruce A-Role Descriptions for Licence Related Positions; and
  - DIV-OPB-000002, Bruce B- Role Descriptions for Licence Related Positions.

## Issue

4. In considering the application, the Commission was required to decide, pursuant to subsection 24(4) of the *Nuclear Safety and Control Act*<sup>2</sup> (NSCA):
  - a) if Bruce Power is qualified to carry on the activity that the amended licences would authorize; and
  - b) if in carrying on that activity, Bruce Power 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.

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<sup>1</sup> 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.

<sup>2</sup> S.C. 1997, c. 9.

### Hearing

5. Pursuant to section 22 of the NSCA, the President of the Commission established a Panel of the Commission to review the application. In establishing the process, a standing panel on procedural matters determined that it was not necessary to hold a public hearing on the matter, and the hearing was conducted by a panel of one commission member, based on written submissions.
6. The Commission, in making its decision, considered information presented for a hearing held on August 29, 2008 in Ottawa, Ontario. During the hearing, the Commission considered written submissions from CNSC staff (CMD 08-H120) and, Bruce Power Inc. (CMD 08-H120.1).

### **Decision**

7. Based on its consideration of the matter, as described in more detail in the following sections of this *Record of Proceedings*, the Commission concludes that Bruce Power Inc. is qualified to carry on the activity that the amended licences will authorize. The Commission is also satisfied that Bruce Power Inc., 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 Bruce Power A Operating Licence PROL 15.13/2009 and Bruce Power B Operating Licence 16.14/2009 issued to Bruce Power Inc. for its Nuclear Generating Stations Bruce A and Bruce B. The amended licences, PROL 15.14/2009 and PROL 16.15/2009, remain valid until March 31, 2009, unless suspended, amended, revoked or replaced.

8. The Commission includes in the amended licence the revisions as recommended by CNSC staff in CMD 08-H120.

### **Issues and Commission Findings**

9. In making its licensing decision, the Commission considered a number of issues relating to Bruce Power Inc.'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.

*Qualifications and Protection Measures*

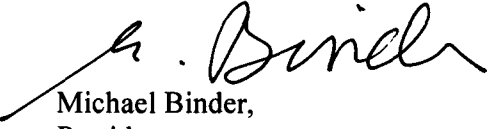
10. Bruce requested the modification outlined in paragraph 3 to reflect the re-organization of the plant operations. The role of the Vice Presidents for Bruce A and Bruce B Operation Divisions has been changed to address accountability for all plant functions. Consistent with this change, the title of the position has been changed to Station Vice President.
11. These changes to the role of the Station Vice President have led to further changes within Operations. A new Operation Division Manager position has been created for the two stations to assume accountability for both shift and day operations. Accordingly, the role of Vice President Operations Division, as described in the station OP&Ps and other Bruce Power programs and procedures, will eventually be performed by the station Operations Division Manager. To avoid confusion with the use of obsolete titles, Bruce Power requested that “Vice President-Bruce A/B Operations Division” be replaced throughout all the documents by “Senior Operations Authority”. A descriptive paragraph of “Senior Operations Authority” will also be added in the introduction to establish the link between the generic title in the OP&Ps and the approved organization. This change does not affect safety of plant operations.
12. Some minor changes are required to the role descriptions for the positions in Appendix B of the licence and Bruce has asked that these changes be outlined in two new documents: DIV-OPA-000002 and DIV-OPB-000002. Any role descriptions still contained in DOM-OPA-00001 and DOM-OPB-00001 are either obsolete or have been moved to other documents.
13. An additional request is made for Bruce B only. While Bruce B has met the licence condition 2.5 e) which was asking for the elimination of the use of Supervised Control Panel Operators (SCPOs) for monitoring reactor unit control panels and for an increase in the minimum complement of Authorized Nuclear Operators effective October 1, 2007, SCPOs are no longer used to monitor reactor unit control panels. Language that addresses licence conditions before October 2007 should be deleted as well as the references to document governing SCPOs.
14. Finally, Bruce Power requested revisions to DIV-OPA-000002 and DIV-OPB-000002 with respect to Shift Manager supervisory responsibilities, which is now the manager responsible for the Nuclear Fuels Shift Operations and the line manager for the Fuel Handling Operators. The purpose of this change is to improve alignment with emergency.
15. CNSC staff reviewed Bruce Power information in support of its application for the amendments described above and recommended that the Commission approves the amendments.

**Application of the *Canadian Environmental Assessment Act***

16. Before making a licensing decision, the Commission must be satisfied that all applicable requirements of the *Canadian Environmental Assessment Act*<sup>3</sup> (CEAA) have been fulfilled.
17. CNSC staff reported that it had completed an Environmental Assessment (EA) determination. Since the proposed amendments are not for the purpose of enabling a project, CNSC staff stated that there was no requirement for an EA pursuant to subsection 5(1) of the CEAA.
18. The Commission is satisfied that all applicable requirements of the CEAA have been fulfilled.

**Conclusion**

19. The Commission has considered the information and submissions of Bruce Power and CNSC staff as presented in the material available for reference on the record.
20. 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 Bruce Power Inc. is qualified to carry on the activity that the amended licences 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.
21. The Commission, pursuant to section 24 of the *Nuclear Safety and Control Act*, amends Bruce Power A Operating Licence PROL 15.13/2009 and Bruce Power B Operating Licence PROL 16.14/2009 issued to Bruce Power Inc. for its Nuclear Generating Stations Bruce A and Bruce B. The amended licences, PROL 15.14/2009 and PROL 16.15/2009, remain valid until March 31, 2009, unless suspended, amended, revoked or replaced.
22. The Commission includes in the licence the recommendations made by CNSC staff in CMD 08-H120.

  
Michael Binder,  
President  
Canadian Nuclear Safety Commission

Date of Release of Decision: September 5, 2008

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<sup>3</sup> S.C. 1992, c. 37.