



Canadian Nuclear
Safety Commission

Commission canadienne
de sûreté nucléaire

Record of Proceedings, Including Reasons for Decision

In the Matter of

Applicant Ontario Power Generation Inc.

Subject Application to Amend the Nuclear Power
Reactor Operating Licence for the Pickering B
Nuclear Generating Station

Hearing
Date June 10, 2010

RECORD OF PROCEEDINGS

Applicant: Ontario Power Generation Inc.

Address/Location: 700 University Avenue, Toronto, Ontario M5G 1X6

Purpose: Application to amend the Nuclear Power Reactor Operating Licence for the Pickering B Nuclear Generating Station

Applications received: December 16, 2009; December 17, 2009; January 22, 2010.

Date of hearing: June 10, 2010

Location: Canadian Nuclear Safety Commission (CNSC) 280 Slater St., Ottawa, Ontario

Members present: M. Binder, Chair

Secretary: K. McGee
Recording Secretary: S. Gingras

Licence: Amended

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Introduction

1. Ontario Power Generation Inc. (OPG) has applied to the Canadian Nuclear Safety Commission¹ (CNSC) for five amendments to the operating licence for its Pickering B Nuclear Generating Stations (NGS) located in Pickering, Ontario. The current Pickering B licence, PROL 08.08/2013, expires on June 30, 2013.
2. The requested changes include an update to the Building Development Site Plan, revised versions of the “Records and Document Control”, “Pickering NGS Security Report” and “Building Development Site Plan” as well as the addition of a reference to a specific section of the change control document and a modification to the title of a document.
3.
 1. The revised Building Development Site Plan reflects the installation of a chiller to support the Administrative Building extension.
 2. Revision 8 of the Records and Document Control clarifies accountabilities and requirements for records and document changes.
 3. Revision 5 of the Security Report incorporates 34 changes to the previous version and reflects OPG’s disposition of CNSC comments received following the review of the previous Security Report.
 4. The renaming and revisions to another document improves the purpose, scope and direction statements for the Chief Nuclear Officer, consolidates several engineering programs and aligns with CSA quality standard N286-05.
 5. The amendment to the Organizational Change Control document references the proper numbering for a new section.

Issue

4. 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 OPG is qualified to carry on the activity that the amended licences would authorize; and
 - b) if in carrying on that activity, OPG 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.

Hearing

5. The Commission, in making its decision, considered information presented for a hearing held on June 10, 2010 in Ottawa, Ontario. During the hearing, the Commission considered written submissions from CNSC staff (CMD 10-H110) and OPG (CMD 10-H110.1).

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 S.C. 1997, c. 9.

Decision

6. 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 OPG 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*, amends the Nuclear Power Reactor operating Licence PROL 08.08/2013 issued to Ontario Power Generation Inc. for its Pickering Nuclear Generating Station B located in Pickering, Ontario. The amended licence, PROL 08.09/2013, remains valid until June 30, 2013.

The Commission includes in the licence the conditions as recommended by CNSC staff in CMD 10-H110.


Issues and Commission Findings

Qualifications and Protection Measures

7. CNSC staff reported that it had reviewed the proposed changes to the operating licence and considers that they are administrative in nature and will not adversely affect the safe operation of the Pickering B NGS. CNSC staff also considers that the proposed revised documents are acceptable to reference in the operating licence.

Application of the Canadian Environmental Assessment Act

8. Before making a licensing decision, the Commission must be satisfied that all applicable requirements of the *Canadian Environmental Assessment Act*³ (CEAA) have been fulfilled.
9. CNSC staff reported that it had completed an Environmental Assessment (EA) determination. CNSC staff stated that there was no requirement for an EA pursuant to subsection 5(1) of the CEAA.
10. The Commission is satisfied that all applicable requirements of the CEAA have been fulfilled.



Michael Binder
President,
Canadian Nuclear Safety Commission

JUN 10 2010

Date

³ S.C. 1992, c. 37.