



Canadian Nuclear
Safety Commission

Commission canadienne
de sûreté nucléaire

Record of Proceedings, Including

In the Matter of

Applicant Ontario Power Generation Inc.

Subject Application to Amend the Pickering Nuclear
Generating Station B Power Reactor Operating
Licence to Reflect Updates in Documentation

Hearing
Date February 7, 2011

Canada

RECORD OF PROCEEDINGS

Applicant: Ontario Power Generation Inc.

Address/Location: 889 Brock Road, P82-6E2, Pickering, Ontario L1W 3J2

Purpose: Application to amend the Pickering Nuclear Generating Station B Power Reactor Operating Licence to Reflect Updates in Documentation

Application received: August 20, 2010 and October 25, 2010

Date of hearing: February 7, 2011

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

Members present: M. Binder, Chair

Secretary: M. Leblanc
Recording Secretary: D. Major

Licence: Amended

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Introduction

1. Ontario Power Generation Inc. (OPG) has applied to the Canadian Nuclear Safety Commission¹ (CNSC) for two amendments to the Power Reactor Operating Licence for its Pickering Nuclear Generating Station (NGS) B located in Pickering, Ontario. The current licence, PROL 08.11/2013, expires on June 30, 2013.
2. OPG requested a licence amendment to incorporate CSA Standard N285.4-05 and Update No. 1 with an exception to Clause 14.2.2.1 of this same standard. OPG also requested a licence amendment to reflect the most current revision of the OPG document entitled “Nuclear Management System”.

Issue

3. 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 licence 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

4. Pursuant to section 22 of the 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 hearing held on February 7, 2011 in Ottawa, Ontario. During the hearing, the Commission considered written submissions from CNSC staff (CMD 11-H102) and OPG (CMD 11-H102.1).

Decision

5. 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,

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.

the Commission, pursuant to section 24 of the *Nuclear Safety and Control Act*, amends the Power Reactor Operating Licence PROL 08.11/2013 issued to Ontario Power Generation Inc. for its Pickering Nuclear Generating Station B located in Pickering, Ontario. The amended licence, PROL 08.12/2013, is valid until June 30, 2013.

Issues and Commission Findings

Qualifications and Protection Measures

6. OPG requested an amendment to the Licence Condition 5.2 (c) to reference CSA Standard N285.4-05, "Periodic Inspection of CANDU Nuclear Power Plant Components", and Update #1 with an exception of Clause 14.2.2.1 of this same standard. This clause requires full length random sample inspection of tubes in rows 1 to 29 of the Pickering B Steam Generators. CNSC staff indicated that technical justifications provided by OPG have shown that the limitations on inspection probe access to the U-bend region of tubes in Rows 1 to 29 do not adversely impact safe operation of the steam generators. CNSC staff reviewed the associated Periodic Inspection Program documents submitted by OPG and reported that the documents meet the regulatory requirements with some improvements required for the next revision. CNSC staff reported that the request for the licence amendment is acceptable.
7. OPG also requested an update to Appendix B of the operating licence to reflect the most current revision, Revision 14, of the OPG document entitled "Nuclear Management System". CNSC staff reported that the changes to this document reflect the consolidation of some OPG internal programs and does more appropriately align the document with CSA Standard requirements. CNSC staff found that this document meets the regulatory requirements and stated that a detailed review is expected to follow which will not involve an amendment of the PROL.
8. CNSC staff reported that the proposed changes are administrative in nature and will not adversely affect the safe operation of the Pickering NGS B. CNSC staff also considers that the proposed revised documents are acceptable to reference in the operating licence.
9. CNSC staff has determined that, since the requested amendments are administrative, these changes will have no adverse impact on the Aboriginal rights or Treaty rights of Aboriginal groups. CNSC staff stated that Aboriginal consultation was not necessary in relation to the proposed licence amendments.

Application of the *Canadian Environmental Assessment Act*

10. 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.
11. 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.

Conclusion

12. The Commission has considered the information and submissions of CNSC staff and OPG and is satisfied that the requested amendments are administrative in nature and will not adversely impact the safety of the Pickering NGS B operations. The Commission is also satisfied that aboriginal consultation is not necessary in relation to the proposed amendments.
13. The Commission is also satisfied that all applicable requirements of the CEAA have been fulfilled.



Michael Binder
President,
Canadian Nuclear Safety Commission

FEB 07 2011

Date

³ S.C. 1992, c. 37.