



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 Pickering Nuclear  
Generating Station B Nuclear Power Reactor  
Operating Licence

Hearing  
Date March 26, 2010

## **RECORD OF PROCEEDINGS**

Applicant: Ontario Power Generation Inc.

Address/Location: 1675 Montgomery Park Road, P.O. Box 160, Pickering, Ontario  
L1V2R5

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

Application received: October 27, 2009

Date of hearing: March 26, 2010

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

Members present: M. Binder, Chair

Secretary: K. McGee  
Recording Secretary: P. Reinhardt

**Licence: Amended**

## Table of Contents

<b>Introduction</b> .....	1
<b>Decision</b> .....	1
<b>Issues and Commission Findings</b> .....	2
<i>Qualifications and Protection Measures</i> .....	2
<b>Application of the <i>Canadian Environmental Assessment Act</i></b> .....	2

## **Introduction**

1. Ontario Power Generation Inc. (OPG) has applied to the Canadian Nuclear Safety Commission<sup>1</sup> (CNSC) for an amendment to the Pickering Nuclear Generating Station B (PNGS-B) Nuclear Power Reactor Operating Licence (PROL). PNGS-B is located in Pickering, Ontario. The current licence, PROL 08.07/2013, expires on June 30, 2013.
2. OPG has requested the following changes to the PNGS-B PROL:
  - A revision to the PNGS-B “Safety Report: Parts 1 and 2”; and
  - An update to the “Site Security Taut-Wire Fence Layout and Survey Drawing”.

## Issue

3. 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 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

4. The Commission, in making its decision, considered information presented for a hearing held on March 26, 2010 in Ottawa, Ontario. During the hearing, the Commission considered written submissions from CNSC staff (CMD 10-H100) and OPG (CMD 10-H100.1).

## **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,

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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> Statutes of Canada, S.C. 1997, c. 9.

the Commission, pursuant to section 24 of the *Nuclear Safety and Control Act*, amends the Power Reactor Operating Licence, PROL 08.07/2013, issued to Ontario Power Generation Inc. for the Pickering B Nuclear Generating Station located in Pickering, Ontario. The amended licence, PROL 08.08/2013, remains valid until June 30, 2013.

6. The Commission includes in the licence the conditions as recommended by CNSC staff in CMD 10-H100.

### **Issues and Commission Findings**

#### *Qualifications and Protection Measures*

7. CNSC staff stated that it reviewed OPG's request to reference the updated documentation and confirmed that the changes do not involve the introduction or use of new or unproven technology, and will not result in an expansion of the existing facility footprint, or affect negatively the function of safety-related systems.
8. CNSC staff stated that OPG's update to the "Safety Report: Parts 1 and 2" will allow OPG to maintain compliance with the requirements stated in licence condition 1.6 of its PROL and CNSC standard S-99<sup>3</sup>.
9. CNSC staff further stated that OPG's request to reference the revised "Site Security Taut-Wire Fence Layout and Survey Drawing" will allow OPG to maintain security of the PNGS-B Site. CNSC staff noted that the details of the changes related to site security are confidential.
10. CNSC staff outlined the proposed changes to the PROL for PNGS-B in CMD 10-H100.
11. Based on its review of OPG's licence amendment requests for PNGS-B, CNSC staff recommended that OPG is qualified to carry on the activities that the proposed amended licences will authorize it to carry on and, in carrying out these activities, 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.

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

12. Before making a licensing decision, the Commission must be satisfied that all applicable requirements of the *Canadian Environmental Assessment Act*<sup>4</sup> (CEAA) have been fulfilled.

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<sup>3</sup> S-99 - *Reporting Requirements for Operating Nuclear Power Plants*, Canadian Nuclear Safety Commission, March 2003

13. 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 CEEA.
14. The Commission is satisfied that all applicable requirements of the CEEA have been fulfilled.



Michael Binder  
President,  
Canadian Nuclear Safety Commission

MAR 26 2010

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Date

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<sup>4</sup> Statutes of Canada, S.C. 1992, c. 37.