



Notice of Public Hearing

September 4, 2012

Ref. 2012-H-09

The Canadian Nuclear Safety Commission (CNSC) will hold a public hearing to consider, on a combined basis due to their interrelation, three matters related to Ontario Power Generation (OPG)'s Darlington nuclear site, located on the north shore of Lake Ontario in the Municipality of Clarington:

- Environmental Assessment of OPG's proposed Refurbishment and Continued Operation of the Darlington Nuclear Generating Station (DNFS);
- Application by OPG to renew the Darlington Waste Management Facility (DWMF) licence; and
- Application by OPG to renew the Nuclear Power Reactor Operating Licence for the DNFS until December 31, 2014.

Date: November 13 and 14, 2012

Place: Hope Fellowship Church, 1685 Bloor Street, Courtice, Ontario

Time: as set by the agenda published prior to the hearing date

The public hearing will be webcasted live on the Internet via the CNSC Web site and archived for a period of 90 days.

1) Environmental Assessment of OPG's proposed Refurbishment and Continued Operation of the Darlington Nuclear Generating Station:

The proposed project involves the refurbishment of the four reactors at the DNFS and the continued operation of each reactor for a period of approximately 30 years following refurbishment. Refurbishment will require that a number of major components in each reactor be inspected and serviced, including replacement as applicable, during a planned outage. The scope of the environmental assessment includes the construction and operation of two additional storage buildings at the on-site DWMF to accommodate intermediate level radioactive waste from refurbishment and spent nuclear fuel from the continued operations.

2) Request for Renewal of the Darlington Waste Management Facility Licence:

The DWMF was developed for the processing and interim storage of spent nuclear fuel generated at the DNFS. The current DWMF licence expires on April 30, 2013. OPG has requested the renewal of the operating licence of the DWMF for a 10-year period and authorization for the construction and operation of two additional storage buildings: one for intermediate level radioactive waste and one for spent nuclear fuel, both to accommodate the DNFS Refurbishment and Continued Operation project.

3) Request for Renewal of the Nuclear Power Reactor Operating Licence for the Darlington Nuclear Generating Station:

The DNGS consists of four nuclear reactors designed, constructed and operated to produce electrical power. The facility also includes a Tritium Removal Facility to extract tritium in heavy water used in OPG's nuclear reactors. The current licence expires on February 28, 2013. A renewal of the Darlington Nuclear Power Reactor Operating Licence up until December 31, 2014 would provide the time required to complete the studies and submit the necessary information to support a licence renewal application in 2014 for the period encompassing the refurbishment outage.

According to the *Canadian Environmental Assessment Act* (CEA Act), the Commission must make a decision on the EA prior to making a decision on the ten-year licence renewal for the DWMF. This EA decision will also be required for the proposed refurbishment component of the anticipated application for the renewal of the Darlington Nuclear Power Reactor Operating Licence in 2014.

Members of the public who have an interest or expertise in this matter or information that may be useful to the Commission in coming to a decision on the specific matters under consideration are invited to participate. Requests to intervene must be filed with the Secretary of the Commission by October 15, 2012, directly on-line at <http://www.nuclearsafety.gc.ca/eng/commission/intervention/index.cfm> or at the coordinates below. The request must include the following information, as per the *Canadian Nuclear Safety Commission Rules of Procedure*:

- a written submission of the comments to be presented to the Commission (if comments are for more than one matter, they should be combined in a single written submission);
- a statement setting out whether the requester wishes to intervene by way of written submission only or by way of written submission and oral presentation; and
- name, address and telephone of the requester.

Personal information, such as address and telephone numbers, is essential for linking the submission to its author. Please submit your personal information on a separate page if you wish to ensure its confidentiality. It should be noted that all submissions are available to the public upon request to the Secretariat.

OPG's submissions and CNSC staff's recommendations to be considered at the hearing will be available after September 14, 2012. These documents are not downloadable. To obtain them, a request must be made to the Secretariat at the address below or directly from the Web site. Agendas, hearing transcripts and information on the hearing process are available at the CNSC Web site: www.nuclearsafety.gc.ca.

c/o Louise Levert
Secretariat

Canadian Nuclear Safety Commission
280 Slater St., P.O. Box 1046
Ottawa, Ontario K1P 5S9

Tel.: 613-996-9063 or 1-800-668-5284
Fax: 613-995-5086
E-mail: interventions@cnsccsn.gc.ca