



Notice of Hearing in Writing

February 1, 2023

Ref. 2023-H-103

CNSC to conduct a hearing in writing on application from Bruce Power Inc. to amend the power reactor operating licence for Bruce Nuclear Generating Stations A and B to reflect recent Commission decisions

The Canadian Nuclear Safety Commission (CNSC) will conduct a hearing based on written submissions in April 2023, to consider an application from Bruce Power Inc. (Bruce Power) to amend the power reactor operating licence for the Bruce Nuclear Generating Stations (NGS) A and B. The proposed amendment is as follows: to remove licence condition 15.3, Pressure Tube Fracture Toughness, and to include all fitness-for-service requirements applicable to pressure tubes under licence condition 6.1, Fitness for Service. The Bruce NGS A and B are located in the Municipality of Kincardine, Ontario, and on the traditional territory of the Anishinabek Nation: the Peoples of the Three Fires known as Ojibway, Odawa and Pottawatomie Nations. Thanks are given to the Chippewas of Saugeen and the Chippewas of Nawash, now known as the Saugeen Ojibway Nation, as the traditional keepers of this land. The Bruce region is also homeland to the Historic Saugeen Métis and to the Métis Nation of Ontario.

The current licence authorizes Bruce Power to operate the Bruce site, which includes 8 nuclear power reactor units and their associated equipment. In its application, Bruce Power is seeking to remove licence condition 15.3, which states that “Before hydrogen equivalent concentrations ([Heq]) exceed 120 ppm, the licensee shall demonstrate that pressure tube fracture toughness will be sufficient for safe operation beyond 120 ppm.” Bruce Power is proposing that all fitness-for-service requirements related to pressure tubes be incorporated into the existing licence condition 6.1, which states that “The licensee shall implement and maintain a fitness for service program.”

The licence amendment is being sought to reflect recent developments and Commission decisions related to pressure tubes. In 2021, [Bruce Power discovered elevated \[Heq\] at Bruce NGS A Unit 3 and Bruce NGS B Unit 6](#), in excess of the 120 ppm limit. Following several Commission hearings, the Commission ultimately authorized Bruce Power to restart Bruce NGS A [Unit 3](#) and [Unit 4](#), and Bruce NGS B [Units 5, 7, and 8](#) from any outage where cooling the primary heat transport system is necessary. This authorization was subject to satisfying all other pressure-tube related fitness-for-service requirements in the licensing basis.

Bruce Power’s [licence amendment application](#) is available on the CNSC website or on request to the Commission Registry. The hearing submissions from Bruce Power and CNSC staff will also be available on the CNSC website at nuclearsafety.gc.ca or on request to the Commission Registry, after **March 13, 2023**.

Pursuant to Rule 19 of the [Canadian Nuclear Safety Commission Rules of Procedure](#), persons who have an interest or expertise in this matter or information that may be useful to the Commission in coming to a decision are invited to comment, in writing, on Bruce Power's application. Requests to intervene must be filed with the Commission Registry by **April 11, 2023**, using the [online request form](#), [email](#), or the contact information below. **The request to intervene must include the following information:**

- a written submission of the comments to be presented to the Commission regarding the proposed licence amendment and CNSC staff's recommendations
- the requester's name, address, telephone number and email address

All submissions will be available for download on the CNSC website or upon request to the Commission Registry. Personal information, such as address and telephone number, is essential for linking the submission to its author. If you wish to ensure the confidentiality of your personal information, please submit it on a separate page.

A panel of the Commission will consider written submissions from Bruce Power and CNSC staff, as well as written interventions from members of the public. The Commission will then deliberate and render a decision on Bruce Power's application. Following the deliberations and decision of the Commission on this matter, a record of decision will be published on the CNSC website at nuclearsafety.gc.ca and made available on request. A decision from the Commission is anticipated in May 2023.

For further information on the public Commission hearing process, or on the licensee or the facility being considered in this matter, or to request documents, contact:

Tribunal Officer, Commission Registry
Canadian Nuclear Safety Commission
280 Slater St
PO Box 1046 Stn B
Ottawa ON K1P 5S9

Tel.: 343-571-1065 or 1-800-668-5284

Fax: 613-995-5086

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Web: [Participate in a public Commission hearing](#)