



Notice of Participation at a Commission Meeting and Participant Funding

June 27, 2022

Ref. 2022-M-05

Upcoming public meeting to update on the discovery of elevated hydrogen equivalent concentrations in the pressure tubes of reactors in extended operation

The [Canadian Nuclear Safety Commission](#) (CNSC) will hold a public meeting in November 2022. At this meeting, CNSC staff will update the Commission on the discovery of elevated hydrogen equivalent (H_{eq}) concentrations in the [pressure tubes](#) of reactors in extended operation. The reactors covered by the update are located in the traditional and treaty territories of many Indigenous Nations and communities.

In July 2021, Bruce Power informed the CNSC that measurements obtained from Bruce Nuclear Generating Station Units 3 and 6 showed an H_{eq} concentration in exceedance of the licence limit of 120 parts per million. CNSC staff took [regulatory action](#) requiring Bruce Power, Ontario Power Generation and New Brunswick Power to report on pressure tube fitness for service and any other measures taken in response to this event. The Commission held a meeting in [September 2021](#) to discuss the matter. A subsequent discovery at the inlet of a Bruce Unit 6 pressure tube was [reported](#) to the Commission during its meeting in March 2022.

At the November 2022 Commission public meeting, CNSC staff will provide an update of the assessment of the licensees' H_{eq} work to date. The update will cover reactors at the Bruce Nuclear Generating Stations, Pickering Nuclear Generating Station B, the Darlington Nuclear Generating Station, and the Point Lepreau Nuclear Generating Station. During the meeting, the licensees will also present their research and development plans to address the impact of H_{eq} findings on the pressure tubes' fitness for service. The Commission will also hear from its [External Advisory Committee on Pressure Tubes](#).

Date: November 1 to 3, 2022 (specific date to be determined)
Place: Location to be determined and/or virtually
Time: As set by the agenda published prior to the meeting date

The public meeting will be webcast live and available on the CNSC website at [nuclearsafety.gc.ca](#).

In advance of the public meeting, the CNSC is making available up to **\$15,000** in funding through its [Participant Funding Program](#). The purpose of the funding is to assist Indigenous Nations and communities, members of the public and stakeholders in reviewing CNSC staff's assessment and in participating in the Commission meeting process by providing topic-specific

written submissions to the Commission. Applications for participant funding must clearly demonstrate how the proposed intervention will provide the Commission with information directly relating to the H_{eq} update. Please note that the \$15,000 will be disbursed among all successful applicants. The deadline for submitting a completed participant funding application form to the CNSC is **July 29, 2022**.

The CNSC staff update will be available for review on the CNSC website, or on request to the Registry, after **August 22, 2022**.

Persons who have an interest or expertise in this matter are invited to comment, in writing by **October 18, 2022**, using the [online request form](#), [email](#), or the contact information below. The submission must include your name, address, telephone number and email address. **The request to intervene must include the following information:**

- a written submission of the comments to be presented to the Commission
- 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
- the requester's name, address, telephone number and email address

All submissions will be available for download on the CNSC website or on request to the 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.

For further information on the Participant Funding Program, please contact:

Administrator, Participant Funding Program
Canadian Nuclear Safety Commission
280 Slater St
PO Box 1046 Stn B
Ottawa ON K1P 5S9

Tel.: 613-415-2814 or 1-800-668-5284

Email: pfp@cnsccsn.gc.ca.

Web: [Participant Funding Program](#)

For further information on the public Commission meeting process, please contact:

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

Tel.: 613-858-7651 or 1-800-668-5284

Fax: 613-995-5086

Email: interventions@cnsccsn.gc.ca

Web: [Observe a public Commission meeting](#)