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Status Report on Power Reactors

Rapport d'étape sur les centrales nucléaires

This document summarizes the status of the Power Reactor facilities as of December 2, 2022.

Ce rapport résume le rapport d'étape sur les centrales nucléaires en date du 2 décembre 2022.

Signed on / Signé le
2022-12-09

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Director General, Directorate of Power Reactor Regulation
Directeur général, Direction de la réglementation des centrales nucléaires

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1. Power Reactors Status as of December 2, 2022

1.1 Bruce A and B

Operational Status
Unit 1 is at Full Power.
Unit 2 is at Full Power
Unit 3 is at Full Power.
Unit 4 is Shut Down for a planned maintenance outage.
Unit 5 is at Full Power.
Unit 6 is Shut Down for Major Component Replacement (MCR).
Unit 7 is at Full Power.
Unit 8 is at Full Power.
Licensing
Power Reactor Operating Licence expires on September 30, 2028.
Comments
Unit 6 Major Component Replacement (MCR) started in January 2020. <ul style="list-style-type: none"> • MCR project is on schedule. • Installation of fuel channels has been completed. • Moderator refill preparation in progress.
Event Notifications and Updates
<u>None.</u>
Actions from previous Commission meetings
None.

1.2 Darlington

Operational Status
Unit 1 is Shut Down for Refurbishment
Unit 2 is Shut Down for a planned maintenance outage.
Unit 3 is Shut Down for Refurbishment.
Unit 4 is at Full Power.
Licensing
Power Reactor Operating Licence expires on November 30, 2025.
Comments

<p>Unit 1 refurbishment started in February 2022.</p> <ul style="list-style-type: none"> • Bellows sever is in progress • Class III electrical maintenance is in progress <p>Unit 3 refurbishment started in September 2020.</p> <ul style="list-style-type: none"> • Regulatory Hold Point 1, Prior to Fuel Load, was removed on November 28, 2022 • Installation of closure plugs and shield plugs is in progress, new fuel load will commence on December 2 • Primary moisture separator replacement is in progress
Event Notifications and Updates
None.
Actions from previous Commission meetings
None.

1.3 Pickering

Operational Status
Unit 1 is Shut Down for a planned maintenance outage.
Unit 2 is in a Safe Storage State.
Unit 3 is in a Safe Storage State.
Unit 4 is at Full Power.
Unit 5 is at Full Power.
Unit 6 is at Full Power.
Unit 7 is at Full Power.
Unit 8 is at Full Power.
Licensing
<p>Power Reactor Operating Licence expires on August 31, 2028. OPG requires Commission approval to operate PNGS beyond December 31, 2024.</p> <p>OPG’s request to extend the deadline for filing documents related to the end of commercial operation from December 31, 2022 to June 30, 2023 was granted by the Commission in Record of Decision DEC 22-H107.</p>
Comments
None.
Event Notifications and Updates
None.

Actions from previous Commission meetings
<p>Potassium Iodide (KI) Pill Working Group Update:</p> <ul style="list-style-type: none"> • Emergency Management Ontario and Ontario Ministry of Health are expected to share a discussion paper with the Working Group in mid-December for review by all members. • The discussion paper focuses on the Phase II objectives: development of a strategy for emergency distribution of KI pills and examination of advisability of KI pill pre-distribution to all schools in the Ingestion Planning Zone. • The discussion paper will inform changes to the Provincial Nuclear Emergency Response Plan, which will undergo a public review period anticipated for Spring 2023.

1.4 Point Lepreau

Operational Status
The unit is at Full Power.
Licensing
Power Reactor Operating Licence expires on June 30, 2032.
Comments
None.
Event Notifications and Updates
None.
Actions from previous Commission meetings
None.

1.5 Other

The Office of the Auditor General of Canada (OAG) published its Update on Past Audits (UPA) on November 30, 2022, which concluded that the CNSC has successfully addressed all recommendations from the 2016 Audit on Inspections of Nuclear Power Plants, including developing and implementing a well-documented process for inspections of nuclear power plants, which is systematic and risk-informed.