



Status Report on Power Reactors

Rapport d'étape sur les centrales nucléaires

Commission Meeting
June 25, 2018

Réunion de la Commission
Le 25 juin 2018

This document summarizes the status of the
Power Reactor facilities as of June 20, 2018.

Ce rapport résume le rapport d'étape sur les
centrales nucléaires en date du 20 juin
2018.

Signed on / Signé le
2018-06-20

Gerry Frappier, P.Eng.
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 June 20, 2018

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 at 88% of 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
Power Reactor Operating Licence expires on May 31, 2020.
Comments
None.
Event Notifications and Updates
None.
Actions from previous Commission meetings
None.

1.2 Darlington

Operational Status
Unit 1 is at Full Power
Unit 2 is Shutdown for Refurbishment
Unit 3 is at 0.7% of Full Power
Unit 4 is at Full Power
Licensing
Power Reactor Operating Licence expires on November 30, 2025.
Comments
Darlington Unit 3 is at Low Power Hot following the planned maintenance outage. The unit is expected to return to 100% Full Power by June 21, 2018.
Unit 2 refurbishment update: Darlington has begun the Reassembly Phase as part of Unit 2 Refurbishment. The current focus for Unit 2 is lattice tube and bellows inspections. Tube sheet bore cleaning and inspections will be completed before installation of new calandria tubes, fuel channel assemblies, and lower feeders. Reassembly of the core is expected to take approximately one year to complete.
Event Notifications and Updates
None.
Actions from previous Commission meetings

None.

1.3 Pickering

Operational Status
Unit 1 is at Full Power
Unit 2 is in a Safe Storage State
Unit 3 is in a Safe Storage State
Unit 4 is in Guaranteed Shutdown State
Unit 5 is at Full Power
Unit 6 is at Full Power
Unit 7 is at Full Power
Unit 8 is in Guaranteed Shutdown State
Licensing
Power Reactor Operating Licence expires on August 31, 2018. Commission Public Hearing Part 2 will be held in Pickering on June 25-29, 2018.
Comments
Unit 4 is in a planned maintenance outage. Unit 6 is at 99% of Full Power due to lack of fueling. Target date for return to Full Power is June 18, 2018. Unit 8 entered into an unplanned outage on June 7, 2018 to repair fueling machine equipment. Currently, no target date for Unit 8 return to service is available.
Event Notifications and Updates
None.
Actions from previous Commission meetings
None.

1.4 Point Lepreau

Operational Status
Unit is at Full Power
Licensing
Power Reactor Operating Licence expires on June 30, 2022.
Comments
None.
Event Notifications and Updates
None.
Actions from previous Commission meetings
None.

1.5 Other

None.