

CAC April 21, 2020 – APPENDIX

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From: CNSC.Info.CCSN@canada.ca <CNSC.Info.CCSN@canada.ca>

Sent: Monday, May 4, 2020 4:35 PM

Subject: CNSC authorizes important step in Darlington Unit 2 return to service

CNSC staff continue their regulatory oversight during the COVID-19 pandemic, including monitoring the Ontario Power Generation (OPG) Darlington Unit 2 return-to-service activities. On May 2, the CNSC's Executive Vice-President and Chief Regulatory Operations Officer, Ramzi Jammal, authorized the removal of the third regulatory hold point set out in the licensing basis for the unit's return to operation after its refurbishment. This authorization permits Darlington Unit 2 to increase power beyond 1% and up to 35% of full power.

CNSC staff verify and confirm that prerequisite items related to the return-to-service activities are completed safely and in accordance with the Darlington nuclear power reactor operating licence, to ensure a step-wise approach to safe return to operation. Prerequisites for removal of the third hold point included such things as validation of specified activities and operating procedures, qualification and training of staff and confirmation of compliance with certain industry standards.

The fourth and final regulatory hold point will be authorization to operate Unit 2 beyond 35% of full power, which will allow OPG to complete high-power testing. CNSC staff will continue to oversee prerequisite testing to verify the safety of proceeding with the remaining return-to-service activities.

The CNSC has extensive experience regulating refurbishment projects. To date, five reactors have been refurbished in Canada.

For more info: <http://www.nuclearsafety.gc.ca/eng/reactors/power-plants/nuclear-facilities/darlington-nuclear-generating-station/letter6250020.cfm>

From: CNSC.Info.CCSN@canada.ca <CNSC.Info.CCSN@canada.ca>

Sent: Wednesday, April 29, 2020 4:04 PM

Subject: Correspondence from President Velshi to Dr. Frank Greening

For your information, a copy of recent correspondence sent by Rumina Velshi, CNSC President and Chief Executive Officer, to Dr. Frank Greening:

<http://www.nuclearsafety.gc.ca/eng/resources/news-room/letters/correspondence-president-rumina-velshi-mark-greening.cfm>

From: CNSC.Info.CCSN@canada.ca <CNSC.Info.CCSN@canada.ca>

Sent: Monday, April 6, 2020 6:04 PM

Subject: CNSC authorizes Darlington Unit 2 low-power testing

During the COVID-19 pandemic, CNSC staff continue to oversee the safety of nuclear power plants. For example, our Directorate of Power Reactor Regulation and Technical Support Branch continues to oversee the refurbishment activities related to Darlington Unit 2. As required by Darlington Power Reactor Operating Licence 13.01/2025, Licence Condition 15.4, Ontario Power Generation (OPG) is required to obtain the consent of the Executive Vice President and Chief Regulatory Operations Officer, authorized by the Commission to remove the established Regulatory Hold Points. Section 15.4 of Licence Conditions Handbook LCH-PR-13.01/2025 outlines Compliance Verification Criteria, including detailed pre-requisites, which must be met and submitted to the regulator prior to the release of each regulatory hold point.

After meeting the pre-requisites established by the Commission to remove Regulatory Hold Point 2, Executive Vice President and Chief Regulatory Operations Officer Ramzi Jammal authorized OPG to remove its second regulatory hold point at Darlington, in accordance with pre-established conditions.

This hold point is one of four regulatory hold points as set out in the licence conditions. The approved request permits the removal of Guaranteed Shutdown State as referenced in the LCH and allows OPG to begin increasing reactor power to 1% of full power.

Despite this global pandemic, CNSC staff continue to perform verification activities and have confirmed that all related project commitments scheduled for completion prior to the removal of the second regulatory hold point are met in accordance with the Darlington Nuclear Power Reactor Operating Licence and associated LCH. With the removal of the second regulatory hold point, OPG can increase reactor power and confirm reactor behaviour, as well as conduct required testing to advance to the next regulatory hold point.

This is the second of four regulatory hold points established by the CNSC as part of the return to service activities for Darlington Unit 2. There are two remaining regulatory hold points which require CNSC authorization as well, prior to exceeding 1% full power and prior to exceeding 35% full power.

Read more about the Darlington Nuclear Generating Station and refurbishment:
<https://www.nuclearsafety.gc.ca/eng/reactors/power-plants/refurbishment-and-life-extension/index.cfm>