

**IN THE MATTER OF THE *ENVIRONMENTAL ASSESSMENT ACT* S.B.C. 2002,
c.43 (ACT)**

AND

**IN THE MATTER OF
ENVIRONMENTAL ASSESSMENT CERTIFICATE #E14-02
HELD BY BRITISH COLUMBIA HYDO AND POWER AUTHORITY**

**FOR THE
SITE C CLEAN ENERGY PROJECT**

**AMENDMENT #1 (AMENDMENT)
TO CERTIFICATE #E14-02**

WHEREAS:

- A. On October 14, 2014, the Minister of Environment, and the Minister of Energy, Mines, Petroleum Resources, issued Environmental Assessment Certificate #E14-02 (Certificate) to British Columbia Hydro and Power Authority
- B. The Certificate authorized British Columbia Hydro and Power Authority (BC Hydro) to construct and operate the Site C Clean Energy Project 14 km south west of Fort St. John, BC.
- C. On March 9, 2018, British Columbia Hydro and Power Authority submitted an application to amend the Certificate, specifically sections 4.3.1, 4.3.1.4, 4.3.1.5, 4.3.2, and 4.5.1.3 of Schedule A, under Section 19(1) of the Act.
- D. Pursuant to section 4 of the Act, the Executive Director has delegated to the undersigned, powers and duties under the Act, including the power to consider requests for certificate amendments.

NOW THEREFORE,

I amend the Certificate as follows:

- 1. The text in Section 4.3.1.4, line 21, is changed from:
“Each generator would be connected to a three-phase transformer located on the draft tube deck.”
To:
“Each generator will be connected to a transformer located upstream of the units, on the transformer deck.”
- 2. The text in section 4.3.1, line 8, is changed from:
“A spillway with seven gates and a free overflow auxiliary spillway to discharge inflows that exceed the capacity of the generating station.”
To:
“A spillway with three radial gates and six low level outlets to discharge inflows that exceed the capacity of the generating station.”

3. The text in Section 4.3.1.5, lines 17 and 18, is changed from:
- “10,100 m³/s at the maximum normal reservoir level”
 - “17,300 m³/s at the maximum flood level”
- to:
- “11,000 m³/s at the maximum normal reservoir level”
 - “16,700 m³/s at the maximum flood level”
4. The text in Section 4.3.2, Table 4.3, line 31, is changed from:
“Drawdown Level = 442.0 m elevation. The lowest level that the reservoir can be drawn down to and pass upstream flow of 1,600 m³/s through the spillway undersluices.”
- To:
“Drawdown Level = 444.0 m elevation. The lowest level that the reservoir can be drawn down to and pass upstream flow of 1,600 m³/s through the spillway low level outlets.”
5. The text in Section 4.5.1.3, lines 40, 45, and 46, is changed from:
- “The spillway gates and undersluices would be capable of drawing the reservoir down to elevation 442 m. at which level the undersluices could pass upstream flows of 1,600 m³/s.”
 - “...it would take approximately 15 days to lower the reservoir from the maximum normal reservoir level to elevation 442 m.”
 - “A drawdown to elevation 442 m for inspection, maintenance and repairs in the approach channel would likely be scheduled for the summer between the flood hazard season and high winter flows for generation.”
- To:
- “The spillway gates and undersluices would be capable of drawing the reservoir down to elevation 444 m. at which level the undersluices could pass upstream flows of 1,600 m³/s.”
 - “...it would take approximately 9 days to lower the reservoir from the maximum normal reservoir level to elevation 444 m.”
 - “A drawdown to elevation 444 m for inspection, maintenance and repairs in the approach channel would likely be scheduled for the summer between the flood hazard season and high winter flows for generation.”



Scott Bailey
Assistant Deputy Minister, Environmental Assessment Operations
Environmental Assessment Office

Issued this 22nd day of June, 2018