

December 10, 2020

Akira Yamamoto
TransAlta Corporation
110 12 Avenue S.W.
Calgary, Alta. T2P 2M1

Dear Akira Yamamoto:

**TransAlta Corporation
Sundance Unit 3 Discontinuation of Operations
Proceeding 25745
Application 25745-A001**

Corrigenda to Approval 25745-D02-2020

1. On July 30, 2020, the Alberta Utilities Commission issued Decision 25745-D01-2020, with Appendix 1 – Approval 25745-D02-2020 to TransAlta Corporation, to alter and operate the Sundance Power Plant approval to reflect that the Sundance Unit 3 generating unit would cease operations effective July 31, 2020.
2. Appendix 1 to Decision 25745-D01-2020 incorrectly referenced Approval 23807-D02-2018¹ when it should have referenced Approval 25239-D02-2020.² Approval 23807-D02-2018 was rescinded by Approval 25239-D02-2020 on April 8, 2020. Condition 2 of Approval 25745-D02-2020 also stated that the capability of the Sundance Unit 5 generating unit is 435 megawatts (MW) when it should have stated 742 MW. Section 48 of Rule 001: *Rules of Practice* indicates that “[t]he Commission may correct typographical errors, errors of calculation and similar errors made in any of its orders, decisions or directions.”
3. Approval 25745-D02-2020 has been amended to correct the approval number and to state the correct capability of the Sundance Unit 5 generating unit. Approval 25745-D02-2020 (Corrigenda) is attached.
5. Should you have any questions, please contact Conrad Dalsin at conrad.dalsin@auc.ab.ca.

Yours truly,

JP Mousseau
Executive Direction, Facilities Division
On behalf of the Alberta Utilities Commission

Attachment

¹ Power Plant Approval 23807-D02-2018, Proceeding 23807, Application 23807-A001, December 21, 2018.

² Power Plant Approval 25239-D02-2020, Proceeding 25239, Application 25239-A001, April 8, 2020.

Power Plant Approval 25745-D02-2020 (Corrigenda)

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| Appendix 1 to Decision 25745-D01-2020 | July 30, 2020 |
| TransAlta Corporation Discontinuation of Sundance Unit 3 Generating Unit | Proceeding 25745 Application 25745-A001 |

TransAlta Corporation, pursuant to Approval 25239-D02-2020,¹ has approval to alter and operate the Sundance Power Plant, located in the Wabamun Lake area, by converting units 3 to 6 from coal-fuelled to natural gas-fuelled.

TransAlta, by Application 25745-A001 registered July 23, 2020, notified the Alberta Utilities Commission that it will cease operations of the Sundance Unit 3 generating unit effective July 31, 2020.

The Commission, pursuant to Section 11 of the *Hydro and Electric Energy Act*, approved the application in Decision 25745-D01-2020,² and granted an approval to TransAlta to alter and operate the power plant, subject to the provisions of the *Hydro and Electric Energy Act* and the *Alberta Utilities Commission Act*, any regulations made under the acts, any orders made under the acts, the Commission rules made pursuant to the *Alberta Utilities Commission Act*, and the following terms and conditions:

1. The power plant shall be located in the northwest quarter of Section 20, Township 52, Range 4, west of the Fifth Meridian, on the south shore of Wabamun Lake.
2. The power plant shall consist of three natural gas-fired electric generating units, namely:
 - a. Unit 4 – 435 megawatts (MW)
 - b. Unit 5 – 742 MW
 - c. Unit 6 – 433 MW

for a total generating capability of 1,305 MW. Unit 1 is a 300-MW generating unit that ceased operations effective December 31, 2017. Unit 2 is a 300-MW generating unit that ceased operations effective July 31, 2018. Unit 3 is a 390-MW generating unit that will cease operations effective July 31, 2020.

¹ Power Plant Approval 25239-D02-2020, Proceeding 25239, Application 25239-A001, April 8, 2020.

² Decision 25745-D01-2020: TransAlta Corporation – Sundance Unit 3 Discontinuation of Operations, Proceeding 25745, Application 25745-A001, July 30, 2020.

3. The power plant shall be provided with cooling facilities for the power plant's circulating cooling water system that operates independent of Wabamun Lake. These facilities shall include a 740-hectare cooling pond, a 12-cell mechanical draft wet cooling tower, and 30 water spray modules located in the circulating cooling water discharge canal.
4. The cooling pond shall be located in sections, or portions of sections, 3, 4, 8, 9, 10, 16, 17, 20, 21 and 29, all in Township 52, Range 4, west of the Fifth Meridian.
5. Existing coal burning and handling equipment will be retired, cleaned, and stored in place following the conversions. Ash handling equipment associated with ash production will be retired, cleaned and stored in place following the conversions. All such equipment will be decommissioned when the power plant is decommissioned.
6. TransAlta shall notify the Commission within 30 days of completing the alterations to the power plant.
7. Unless otherwise authorized by the Commission, the alterations to convert units 4 to 6 of the power plant from coal-fuelled to natural gas-fuelled shall be completed by December 31, 2025.
8. Units 4 to 6 may be operated as coal-fuelled units until alterations are complete.
9. TransAlta shall obtain Commission approval prior to making any material changes to the power plant or substantially varying the design and/or specifications of the power plant from what was stated in the application or from what the Commission has approved.
10. This approval is not transferable unless approved by the Commission.

Approval 25239-D02-2020 is rescinded.

The Commission may cancel or suspend this approval, in whole or in part, in accordance with Section 41 of the *Hydro and Electric Energy Act* or may review this approval, in whole or in part, upon its own motion or upon an application by an interested party, in accordance with Section 10 of the *Alberta Utilities Commission Act*.

The Commission may, within 30 days of the date of this approval and without notice, correct typographical, spelling and calculation errors and other similar types of errors and post the corrected approval on its website.

Alberta Utilities Commission

(original signed by)

JP Mousseau
Executive Director, Facilities Division
On behalf of the Alberta Utilities Commission