

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

December 4, 2024

Grant Isaac Chief Financial Officer Cameco Corporation 2121 11th Street West Saskatoon, Saskatchewan Canada S7M 1J3

> Re: Cameco Corporation Form 40-F for the fiscal year ended December 31, 2023 Filed March 22, 2024 File No. 001-14228

Dear Grant Isaac:

We have reviewed your filing and have the following comment(s).

Please respond to this letter within ten business days by providing the requested information or advise us as soon as possible when you will respond. If you do not believe a comment applies to your facts and circumstances, please tell us why in your response.

After reviewing your response to this letter, we may have additional comments.

Form 40-F for the fiscal year ended December 31, 2023 Exhibit 99.2 2023 Consolidated Audited Financial Statements 12. Equity-accounted investees, page 36

1. We note you initially recoded your equity method investment in Westinghouse at \$2.14 billion (US) on November 7, 2023 at footnote 6. As your presentation currency is in Canadian dollars, please tell us why you do not present the purchase price and the related allocation of purchase price in your presentation currency. In addition, please explain the movements in the balance at acquisition to the year ended December 31, 2023, identifying and quantifying the components that contributed to the increase or decrease in the investment balance.

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We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Brian McAllister at 202-551-3341 or Craig Arakawa at 202-551-3650 if you have questions regarding comments on the financial statements and related matters.

Sincerely,

Division of Corporation Finance Office of Energy & Transportation