DIVISION OF CORPORATION FINANCE MAIL STOP 7010

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

100 F Street, N.E. WASHINGTON, D.C. 20549-7010

June 29, 2007

Mr. O. Kim Goheen Senior Vice President and Chief Financial Officer Cameco Corporation 2121 – 11th Street West Saskatoon, Saskatchewan, CANADA S7M 1J3

Re: Cameco Corporation

Form 40-F for Fiscal Year Ended December 31, 2006

Filed March 30, 2007 File No. 1-14228

Dear Mr. Goheen:

We have completed our review of your Form 40-F and related filings and do not, at this time, have any further comments.

Sincerely,

April Sifford Branch Chief