

CAMECO CORP  
Form 6-K  
September 17, 2004

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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549**

**FORM 6-K**

**Report of Foreign Private Issuer  
Pursuant to Rule 13a-16 or 15d-16 Under  
the Securities Exchange Act of 1934**

For the month of September, 2004

(Commission File No. 1-14228)

**Cameco Corporation**

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*(Translation of Registrant's Name Into English)*

**2121 11th Street West  
Saskatoon, Saskatchewan, Canada S7M 1J3**

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*(Address of Principal Executive Offices)*

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F

Form 40-F

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes

No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):

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SIGNATURE

MATERIAL CHANGE REPORT

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**EXHIBIT INDEX**

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| 1.                 | Material Change Report dated September 17, 2004 | 3 - 4           |

**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: September 17, 2004

**Cameco Corporation**

By: */s/ Gary M.S. Chad*

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Gary M.S. Chad  
Senior Vice-President, Governance,  
Legal, Regulatory Affairs and Corporate Secretary

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**FORM 51-102F3  
MATERIAL CHANGE REPORT**

**Item 1 Name and Address of Company**

Cameco Corporation ( Cameco )  
2121 11th Street West, Saskatoon, Saskatchewan S7M 1J3

**Item 2 Date of Material Change**

September 14, 2004

**Item 3 News Release**

The English version and the French translation version of the press release relating to this material change were distributed and filed by Canadian Corporate News through their Canadian Timely Disclosure Pack and U.S. Timely Disclosure Pack on September 14, 2004.

**Item 4 Summary of Material Change**

The 200 hourly unionized employees at Cameco's Port Hope conversion facility have accepted a three-year contract offer. These employees, represented by the United Steelworkers of America, had been on strike since midnight July 28, 2004, and voted 62% overall in favour of the contract offer.

**Item 5 Full Description of Material Change**

The 200 hourly unionized employees at Cameco's Port Hope conversion facility have accepted a three-year contract offer. These employees, represented by the United Steelworkers of America, had been on strike since midnight July 28, 2004, and voted 62% overall in favour of the contract offer.

The employees returned to work on Thursday, September 16, 2004. Completing the scheduled summer maintenance and ramping up production will take about five weeks. The conversion facility is currently about 1,000 tonnes behind its 2004 production target of 12,500 tonnes uranium. During the strike, Cameco met sales obligations to customers by reducing its conversion inventory.

**Item 6 Reliance on subsection 7.1(2) or (3) of National Instrument 51-102.**

Not applicable.

**Item 7 Omitted Information**

Not applicable.

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**Item 8 Executive Officer**

Gary M.S. Chad  
Senior Vice-President, Governance, Legal, Regulatory Affairs and Corporate Secretary  
Cameco Corporation  
(306) 956-6303

**Item 9 Date of Report**

September 17, 2004