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March 28, 2014

Mr. Andrew Persinko, Deputy Director  
Decommissioning and Uranium Recovery Licensing Directorate  
Division of Waste Management and Environmental Protection  
Office of Federal and State Materials and Environmental Management Programs  
Mailstop T8 F5  
US Nuclear Regulatory Commission  
Washington, DC 20555-0001

Certified #7013 0600 0002 3995 2955

Re: Cameco Response to NRC Request for Additional Information - Compliance with 10 CFR  
§20.1301 and §20.1302

Dear Mr. Persinko:

By letter dated March 14, 2014 Cameco Resources received an NRC request for additional information regarding Cameco's dose compliance methodology. As you may be aware, over the past three years Cameco has collected substantial additional data in an attempt to develop a sound, scientifically valid methodology to assess dose compliance.

Our data has demonstrated that the uncertainty inherent in the traditional methodology - i.e., alpha-track detectors in the vicinity of the maximally exposed receptor, is far too great for reliable measurements, and is given to grossly over- or underestimated dose.

For that reason, Cameco intends to demonstrate that the Mildos code can reliably estimate the dose to the maximally exposed receptor using the monitoring results described above and other appropriate inputs. Cameco's proposal will be provided by June 14, 2014.

If you have any questions or comments, please do not hesitate to call Josh Leftwich at 307.316.7588.

Sincerely,

A handwritten signature in black ink that reads "J. P. Schube for JOSH LEFTWICH". The signature is written in a cursive style.

Josh Leftwich  
Director, Safety, Health, Environment and Quality

**NUCLEAR.** *The Clean Air Energy.*