



August 15, 2013

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Mr. Robin Jones, District 1 Supervisor  
Land Quality Division  
Wyoming Department of Environmental Quality  
Herschler Building, 3<sup>rd</sup> FL-West  
122 W. 25<sup>th</sup> Street  
Cheyenne, WY 82002

**Excursion at Monitor Well CM-032, Cameco Resources, Permit No. 603**

Dear Mr. Jones:

In accordance with Wyoming Department of Environmental Quality (WDEQ) – Land Quality Division (LQD) Chapter 11 regulations, Section 12(c)(ii), Section 8.4 of the Operations Plan for Permit 603, and NRC License Condition No. 12.1, Power Resources, Inc. d/b/a/ Cameco Resources (Cameco) is providing written notification that Monitor Well CM-032 went on excursion status August 6, 2013. Confirmation monitoring results were received on August 8, 2013. Ms. Pam Rothwell from WDEQ-LQD and Mr. Doug Mandeville from the NRC were notified by telephone and email on August 12, 2013. Well CM-032 is located in Mine Unit C that is in restoration.

Analytical results on August 7, 2013 for the routine sample taken on August 6, 2013 indicated a potential exceedance in two of the three parameters (alkalinity and conductivity). Cameco collected a confirmation sample from the monitor well and analyzed it with a quality assurance duplicate on August 7, 2013. Results of this laboratory analyses were received on August 8, 2013 and indicated no excursion. A second confirmation sample was collected on August 8, 2013 and confirmed the exceedance of Upper Control Limit (UCL) parameters. Shown below are results of samples taken.

| Sample Date    | Chloride<br>(mg/L) | Alkalinity<br>(mg/L CaCO <sub>3</sub> ) | Conductivity<br>(µMhos/cm) |
|----------------|--------------------|---|----------------------------|
|                | <b>UCL 18</b>      | <b>UCL 202</b>                          | <b>UCL 852</b>             |
| August 6, 2012 | 15                 | 225                                     | 857                        |
| August 7, 2013 | 15                 | 229                                     | 841                        |
| August 8, 2013 | 14                 | 222                                     | 859                        |

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Weekly samples will be collected to monitor the UCL constituents and uranium until the excursion is resolved. The excursion at Monitor Well CM-032 has been added to the monthly Excursion Report Summary and will be identified on the Cameco Resources site map.

Pursuant to WDEQ/LQD Chapter 11, Section 2 a duly authorized representative certification is attached.

Please contact me at (307) 358-6541 ext. 476 or email to [Kenneth\\_Garoutte@cameco.com](mailto:Kenneth_Garoutte@cameco.com) if you have any questions.

Respectfully,



Ken Garoutte  
Safety, Health, Environment, Quality (SHEQ) Manager

KG/vg

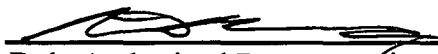
Attachment: Duly Authorized Representative Certification

cc: File HUP 4.3.3.1  
Doug Mandeville, NRC (2 copies) Certified Mail # 7012 2210 0002 5617 0437  
Document Control Desk, NRC Certified Mail # 7012 2210 0002 5617 0444

cc: Cameco-Cheyenne

### Duly Authorized Representative Certification

I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for known violations.

  
Duly Authorized Representative: Brent Berg

*8.15.13*  
Date: August 15, 2013