



January 14, 2010

Mr. Charles L. Miller, Director
Office of Federal and State Materials and
Environmental Management Programs
U. S. Nuclear Regulatory Commission
Two White Flint North, Mailstop T8-F5
11545 Rockville Pike
Rockville, MD 20852

CAMECO RESOURCES

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RE: Letter of Intent (LOI)
Docket No. 40-8964
License No. SUA-1548

Dear Mr. Miller:

Power Resources, Inc. d/b/a Cameco Resources (CR) is submitting this Letter of Intent (LOI) to inform you of CR's anticipated license amendment requests and other licensing actions associated with Source Materials License SUA-1548 during the remainder of 2010 and fiscal years 2011-2013.

CR anticipates submittal of the following major licensing action requests during 2010 and/or fiscal years 2011-2013:

- License Renewal Amendment – License SUA -1548 (anticipated submittal Q3, 2010)
- License amendment request for expansion of Smith Ranch Central Processing Plant and/or re-start of Highland Central Processing Facility (anticipated submittal during 2011)
- New operations plan for Gas Hills in accordance with NUREG-1569 (anticipated submittal during Q1, 2010)
- Response to NRC Request for Additional Information dated December 14, 2006 (anticipated submittal during Q3, 2010)
- Ruby Ranch (satellite) license amendment application (anticipated submittal during 2013)
- New operations plan for Ruth in accordance with NUREG-1569 (anticipated submittal during 2013)

If you or your staff have any questions regarding this LOI, please feel free to contact me at 720-879-5534.

Sincerely,

A handwritten signature in black ink, appearing to read "T. Young", written over a horizontal line.

Thomas P. Young
Vice-President, Operations

c: Doug Mandeville, NRC Program Manager
Scott Bakken
Angelo Kallas
Krista Wenzel
Joe Brister
Karen Siebken

File SRH 4.6.4.1
File GH 4.6.4.1
File RU 4.6.4.1
File NB 4.6.4.1