

August 7, 2008

Attn: Document Control Desk
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 T8F5
11545 Rockville Pike
Rockville, MD 20852

RE: Submittal of Source Material License Application and Supporting Environmental
Report for the Antelope and JAB Uranium Project

Dear Mr. Miller:

Uranium One Americas is hereby submitting the Environmental Report in support of a Source Materials License Application to construct and operate the Antelope and JAB Uranium Project in Campbell County, Wyoming. Mining at the proposed Antelope and JAB Uranium Project will be conducted utilizing in situ recovery (ISR) processes.

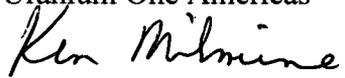
The enclosed Environmental Report was also prepared in accordance with NUREG-1748 and is provided to accompany the Technical Report, which was previously submitted under a separate cover dated July 8, 2008. Four copies of the Environmental Report are provided.

This License Application and Environmental Report were prepared and are submitted by Energy Metals Corporation, a wholly owned subsidiary of Uranium One, a Canadian Corporation with Corporate Headquarters in Vancouver, British Columbia, Canada. Energy Metals Corporation is the claimant of record of the Antelope and JAB uranium resources, but is doing business as Uranium One Americas. Energy Metals Corporation is a registered corporation in the State of Wyoming and maintains a Corporate Headquarters in Edmond, Oklahoma with regional offices in Casper, Wyoming and Corpus Christi, Texas. Throughout this application and Environmental Report, Energy Metals Corporation will be referred to as Uranium One Americas, or Uranium One.

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If you or your staff should have any questions regarding this Source Material License Application, Environmental Report, please contact me at (307) 234-8235 ext. 330.

Sincerely,
Uranium One Americas



Ken Milmine
Manager- Environmental and Regulatory Affairs, Wyoming

Enclosure: Antelope and JAB Uranium Project, Environmental Report
Volumes I-IV