

July 3, 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 Technical Report  
for the Antelope and JAB Uranium Project

Dear Mr. Miller:

Uranium One Americas, is hereby submitting 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. Enclosed in support of this application are a Technical Report prepared in accordance with NUREG-1569.

The enclosed Technical Report was also prepared in accordance with NUREG-1748. A cross reference is enclosed showing the applicable requirements of NUREG-1748 and the corresponding sections of the Technical Report that contain the required information to conduct the environmental review. While sufficient information is contained in the Technical Report for environmental review, an Environmental Report will be submitted within the next few weeks to enhance NRC staff review and documentation.

This License Application and Technical 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,

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Oklahoma with regional offices in Casper, Wyoming and Corpus Christi, Texas. Throughout this application and Technical Report, Energy Metals Corporation will be referred to as Uranium One Americas, or Uranium One.

Uranium One understands that NRC plans to complete a Generic Environmental Impact Statement (GEIS) for ISR projects and that relevant sections of the GEIS would be used to prepare either a site-specific Environmental Assessment (EA) or a site-specific EIS for the Antelope and JAB Project. Uranium One also understands the anticipated completion date for the GIES has been extended to June of 2008.

Uranium One does not expect that use of the GEIS would result in any meaningful delays in review of the application, if the GEIS is completed by June of 2008. However, if any more unforeseen delays in completion of the GEIS occur, Uranium One remains concerned that reliance on a GEIS would impact the timely review of the Antelope and JAB License Application. Uranium One does not believe that the issuance of a source materials license for Antelope and JAB should be tied to the completion of a GEIS. Recognizing the number of license applications NRC is expecting in the near term for ISR facilities and the budget and staff constraints that NRC is laboring under, we reiterate our offer contained in letters dated June 28, 2007 and October 2, 2007 to support third-party contracted review of the Antelope and JAB License Application in order to ensure a thorough yet prompt review of our application.

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

Sincerely,  
Uranium One Americas



Ken Milmine  
Manager- Environmental and Regulatory Affairs, Wyoming

Enclosures: NRC Form 313 and attachments  
Request for Confidentiality Affidavit  
NUREG 1748 and Antelope and JAB Technical Report Cross Reference  
Antelope and JAB Uranium Project, License Application, Technical Report