

AUC LLC

The Reno Creek ISR Project

November 23, 2016

U.S. Nuclear Regulatory Commission
Two White Flint North
ATTN: Don Lowman Mail Stop: T-8F05
11545 Rockville Pike
Rockville, MD 20852-2738

SUBJECT: Reno Creek *In-Situ* Leach Uranium Recovery (ISR) Project
Final USNRC Technical Report Combined Source and 11e.(2) Byproduct
Material License Application
Docket No.: 04009092

Dear Mr. Lowman:

By this letter AUC LLC (AUC) respectfully submits its Final Technical Report (TR) for the Combined Source and 11e.(2) Byproduct Material License Application. The updated TR was submitted under cover dated September 16, 2016 and was reviewed by NRC staff. The final TR document reflects NRC staff review and incorporates the requested changes to the TR application.

The following documents are enclosed as electronic pdf submittals on each CD-ROM (3 CD-ROMs enclosed):

- Transmittal Letter;
- Redlined Technical Report and associated addenda;
- Final (clean) Technical Report Application and associated addenda; and
- Index of Change for redlined Technical Report.

AUC appreciates the various reviewer's comments/recommendations and acknowledges the contribution of each to the review and improvement of this document. If you have any questions, please do not hesitate to contact me at your convenience.

Respectfully Submitted,



James H. Viellenave
President
AUC LLC

Enclosures

Note: vF file name suffix indicates the Final Technical Report
vR file name suffix indicates the Redline Technical Report

Document Components:		File Size
CD-ROM: Final Technical Report		
001 NRC Transmittal Letter.pdf		MB
Technical Report		
Located in the "Technical Report" folder:		
002 TR Sections 1 to 2.9_vF.pdf	38.14	MB
003 TR Sections 3 to Glossary_vF.pdf	11.61	MB
Located in the "TR Addendums" folder:		
004 TR Addendum 1-A_B_vF.pdf	14.15	MB
005 TR Addendum 2.5-A_vF.pdf	1.01	MB
006 TR Addendum 2.6-A_B_C_vF.pdf	34.21	MB
007 TR Addendum 2.7-A_B_vF.pdf	30.78	MB
008 TR Addendum 2.7-C_vF.pdf	17.6	MB
009 TR Addendum 2.7-D_vF.pdf	34.13	MB
010 TR Addendum 2.7-E_vF.pdf	19.25	MB
011 TR Addendum 2.9-A_B_C_vF.pdf	44.52	MB
012 TR Addendum 3-A_vF.pdf	5.88	MB
013 TR Addendum 4-A_B_vF.pdf	34.00	MB
014 TR Addendum 4-C_vF.pdf	2.54	MB
015 TR Addendum 4-D_vF.pdf	1.31	MB
016 TR Addendum 6-A_B_vF.pdf	39.04	MB
017 TR Addendum 7-A_vF.pdf	5.05	MB
Redline Technical Report		
001 TR Index of Change_vR	204	KB
002 TR Sections 1 to 2.9_Redline_vR.pdf	29.2	MB
003 TR Sections 3 to Glossary_Redline_vR.pdf	11.1	MB
Located in the "TR Addendums_Redline" folder:		
004 TR Addendum 1-A_B_Redline_vR.pdf	15.50	MB
005 TR Addendum 2.5-A_Redline_vR.pdf	.94	MB
006 TR Addendum 2.6-A_B_C_Redline_vR.pdf	31.42	MB
007 TR Addendum 2.7-A_B_Redline_vR.pdf	32.74	MB
008 TR Addendum 2.7-C_Redline_vR.pdf	17.61	MB
009 TR Addendum 2.7-D_Redline_vR.pdf	34.03	MB
010 TR Addendum 2.7-E_Redline_vR.pdf	17.30	MB
011 TR Addendum 2.9-A_B_C_Redline_vR.pdf	9.50	MB
012 TR Addendum 3-A_Redline_vR.pdf	5.88	MB
013TR Addendum 4-A_B_Redline_vR.pdf	33.93	MB

014 TR Addendum 4-C_Redline_vR.pdf	2.53	MB
015 TR Addendum 4-D_Redline_vR.pdf	1.29	MB
016 TR Addendum 6-A_B_Redline_vR.pdf	14.26	MB
017 TR Addendum 7-A_Redline_vR.pdf	4.53	MB

Note: The electronic documents are in Adobe PDF format that meet the NRC requirements for electronic submittals including optical character recognition (OCR), a resolution of 300 dpi and embedded fonts. The exception to this is the historical reports presented in TR Addendum 1-A and TR Addendum 4-B that cannot be upgraded to current technical standards. Preparation of the electronic files was conducted as per previous electronic submittal correspondence with Mr. Kenny Nguyen, IT Specialist/Project Officer with the NRC.