

Energy Fuels Nuclear, Inc.

- 1 -

WMUR:DMG
 Docket No. 40-8681
 SUA-1358, Amendment No. 13

JUN 28 1982

Energy Fuels Nuclear, Inc.
 ATTN: Mr. C.E. Baker
 Manager, Regulatory Compliance
 Three Park Central, Suite 900
 1515 Arapahoe
 Denver, Colorado 80202

DISTRIBUTION
~~DOCKET FILE 40-8681~~
 PDR

WMUR r/f
 WMUR w/f
 WM r/f
 NMSS r/f
 NRC Region IV
 DMGillen
 DEMartin
 JJLinehan ACabell
 HJPettengill JRchertson
 RAScarano DWeiss
 REBrowning SHO
 JBMartin AEOD
 BFisher
 MAuerbach

Gentlemen:

Pursuant to Title 10, Code of Federal Regulations, Part 40, and in accordance with your submittal dated December 3, 1981, Source Material License No. SUA-1358 is hereby amended by adding the following requirements to License Condition No. 38:

Notwithstanding any requirements or specifications in Appendix G regarding monitoring of groundwater, the licensee shall comply with the following:

Groundwater Sample Collection			Groundwater Sample Testing
Number	Well Location	Method & Frequency	Type and Frequency
9	One deep cross-gradient east, one deep cross-gradient west, two shallow cross-gradient west, three deep down-gradient in Cell 3 dike, one deep down-gradient in Cell 4 dike, one deep far down-gradient	Grab Quarterly	Testing frequencies and parameters to be tested shall be in accordance with Table 2 (Chemical Parameter Monitoring Schedule, Recommended Operational Phase Groundwater Program) presented in the November 30, 1981 D'Appolonia report transmitted by Energy Fuels Nuclear letter dated December 3, 1981, with the exception that Chloride and Uranium shall be added to the list of parameters tested quarterly.
1	Control location up-gradient (not influenced by tailings seepage)	Grab Quarterly	
Each Well	Each well used for drinking water or watering livestock or crops within 2 km of tailings cells	Grab Quarterly	

10582

OFC : WMUR : WMUR : WMUR : : :40-8681/dmg/82/06/18/0
 NAME :DMGillen :DEMartin :RAScarano : : : :
 DATE :6/ /82 :6/ /82 :6/ /82 : : : :

7/4

Energy Fuels Nuclear, Inc.

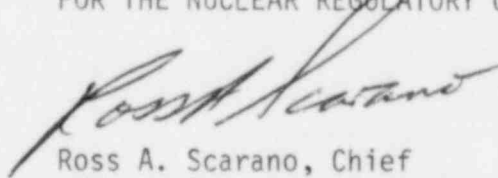
JUN 28 1982

- 2 -

Other requirements of License Condition No. 38 and all other conditions of this license shall remain the same.

The effect of this amendment is to modify the required groundwater monitoring program as given in Appendix G of the license application to: 1) incorporate into the program the changes in monitor well locations based on the staff's review of the design of the second phase of the tailings management system; and 2) update requirements for testing frequencies and parameters to be tested, based on the staff's review of your proposed revised groundwater monitoring program based on a comparison of the chemicals occurring in the tailings liquid and the chemicals naturally occurring in the groundwater at the White Mesa site. This license condition change was discussed between Mr. C.E. Baker of Energy Fuels and Mr. D. Gillen of my staff during a June 21, 1982 telephone conversation.

FOR THE NUCLEAR REGULATORY COMMISSION



Ross A. Scarano, Chief
Uranium Recovery Licensing Branch
Division of Waste Management

Case Closed: 0400868110E

OFC	: WMUR	: WMUR	: WMUR	: WMUR	: 40-8681/dmg/82/06/18/0
NAME	: DMGillen	: DEMartin	: RAScarano	: BFisher BF	:
DATE	: 6/22/82	: 6/23/82	: 6/27/82	: 6/28/82	: