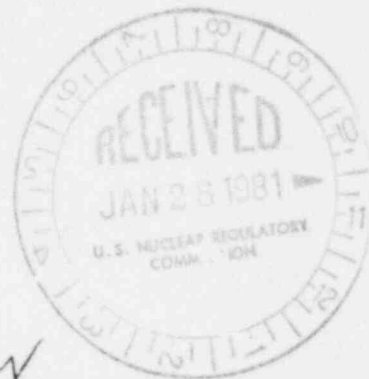




UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

JAN 15 1981



Docket No. 40-8681

MEMORANDUM FOR: Ross A. Scarano, Chief  
Uranium Recovery Licensing Branch

THRU: John J. Linehan, Section Leader  
Operating Facilities Section  
Uranium Recovery Licensing Branch

FROM: Daniel M. Gillen  
Operating Facilities Section  
Uranium Recovery Licensing Branch

SUBJECT: AMENDMENT NO. 6 TO LICENSE NO. SUA-1358, ENERGY FUELS  
NUCLEAR, INC., WHITE MESA, DOCKET NO. 40-8681

Following a suggestion of our staff during a September 30, 1980 meeting at our offices, Energy Fuels Nuclear (EFN) submitted an administrative amendment request. Illustrations and descriptions of the mill circuit to which EFN is presently tied by license, are to be replaced by a simplified mill process flow diagram.

The proposed action is the amendment of Source Material License SUA-1358 to allow flexibility in the type or number of pieces of process equipment used in the mill circuit provided that the basic mill circuit remains as described in the submittal specified in the revised License Condition No. 14.

Approval of this amendment with the following condition is recommended:

- Changes in the mill circuit and effluent controls, as illustrated in the figure entitled, "White Mesa Mill Block Flowchart", attached to the October 17, 1980 amendment request, shall require approval by the U. S. NRC in the form of a license amendment. In addition, the "Grinding and Wet Storage" block of this figure shall require the use of a semiautogenous grinding (SAG) mill.

*Daniel M. Gillen*

Daniel M. Gillen  
Operating Facilities Section  
Uranium Recovery Licensing Branch  
Division of Waste Management

Approved by: *John J. Linehan*  
John J. Linehan, Section Leader