



**KERR-MCGEE CORPORATION**  
KERR-MCGEE CENTER • OKLAHOMA CITY, OKLAHOMA 73128

bcc: R. Adkisson  
C. Burdick  
R. Luke  
W. Norwood  
Chron  
File

ENVIRONMENT AND HEALTH MANAGEMENT DIVISION

November 19, 1985

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Jack A. Hind, Director  
Division of Radiation Safety and Safeguards  
Region III  
U.S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Re: License SNM-928  
Docket 70-925

Dear Mr. Hind:

Sequoyah Fuels Corporation (SFC) requests amendment of License SNM-928 to authorize possession of up to 6,000 kilograms of thorium in any physical or chemical form. The basis for the request follows.

The Cimarron site presently contains contaminated wastes properly buried in accordance with provisions of old 10 CFR 20.304. The waste contains both uranium from the uranium fuel plant at Cimarron and thorium from the thorium metal plant at Cushing (License SMB-664). While the waste was properly disposed of, SFC nevertheless intends to excavate, treat if necessary, repackage and ship the materials to a commercial disposal facility in conjunction with decommissioning the uranium fuel plant.

License SNM-928 authorizes the possession and use only of natural and enriched uranium compounds. However, the excavation, treatment, repackaging and shipment of the now buried material will involve "possession" of thorium. Therefore, we request amendment of the license to accommodate the situation.

We would appreciate your early approval of this request so that we can proceed with the removal operation as soon as possible. Please contact me at (405) 270-2623 if you require further information.

Sincerely,

*J.C. Stauter*  
J.C. Stauter, Director  
Nuclear Licensing & Regulation

SCM/bc