

40-8027

**KERR-McGEE**

KERR-McGEE CENTER • OKLAHOMA CITY, OKLAHOMA 73125

May 22, 1985

PDR  
Return  
to 396SS

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

William T. Crow, Acting Chief  
Uranium Fuel Licensing Branch  
Division of Fuel Cycle & Material Safety  
Office of Nuclear Material Safety & Safeguards  
United States Nuclear Regulatory Commission  
Washington, D.C. 20555



RE: License SUB-1010, Docket 40-8027  
Raffinate Fertilizer Program  
Deletion of 160 Acre Test Plot

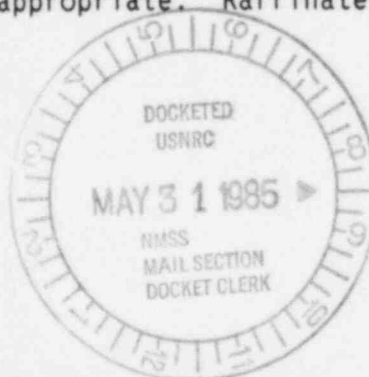
Dear Mr. Crow:

Sequoyah Fuels Corporation, in accordance with Condition 8 of Amendment 17 to License SUB-1010, hereby provides notification of its decision to discontinue application of treated raffinate fertilizer to the designated 160 acre test plot and requests authorization to remove the plot from the long term testing program.

Several activities have occurred that have significantly reduced the original acreage in this plot available for application of the treated raffinate solution. As shown on the attached figure, 12 acres (Area 1) were taken up by the construction of Ponds 5 and 6 authorized by Amendment 28 of February 5, 1985; approximately 40 acres (Area 3) were removed by reopening and expanding the clay borrow pit necessary in constructing the ponds; and approximately 60 acres (Areas 4 and 5) had previously been excluded because of elevated nitrate and uranium above background in some of the monitor wells. Only about 27 acres (Areas 2 and 4a) remain available for application of the treated raffinate fertilizer. Approximately 20 acres are timbered.

The 27 acres effectively remaining of the original 160 acres are not of sufficient size for meaningful hay production or cattle grazing. Thus the 160 acre test plot no longer reflects the test program objectives and its continued use as a basis for evaluation of unrestricted use of treated raffinate fertilizer is inappropriate. Raffinate solution will not be applied during 1985.

8507030583 850522  
PDR ADOCK 04008027  
C PDR



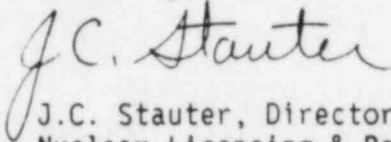
FEE EXEMPT  
25300

0212E

Sequoyah Fuels will continue use of the designated 270 acre test site to provide data for the unrestricted use program evaluation. This plot has established soil, vegetation, groundwater and surface water monitoring points, is contiguous and is being used for hay production and cattle grazing. All of the area in the 270 acre test site remains available for the test program.

Your favorable consideration of this matter is requested. Please contact me at (405) 270-2623 if you have questions.

Sincerely,



J.C. Stauter, Director  
Nuclear Licensing & Regulation

JCS/cwp

RECEIVED

'85 JUN 14 PM 2:19

U.S. N.R.C.  
LIC. FEE MGMT. BRANCH

DOCKET NO. 40-8027  
CONTROL NO. 25300  
DATE OF DOC. 05/22/85  
DATE RCVD. 05/29/85  
FCUF ☒ PDR ☒  
FCAF ☐ LPDR ☒  
WM ☐ I&E REF. ☒  
WMUR ☐ SAFEGUARDS ☐  
FCTC ☐ OTHER ☐

DESCRIPTION:

provides notification  
of its decision to  
discontinue application  
of treated raffinate  
fertilizer  
05/31/85 INITIAL C&C