

COPY

RE: 0833-N

August 15, 2008

Mr. Bruce S. Mallet
Regional Administrator Region IV
U.S. Nuclear Regulatory Commission
612 E. Lamar Blvd., Suite 400
Arlington, Texas 76011-4125

RE: License No. SUB-1010; Docket No. 40-8027
Semi-Annual Effluent Report
File No. 1.7

Dear Mr. Mallet:

In accordance with the requirements of 10 CFR 40.65, enclosed is Sequoyah Fuels Corporation's Semi-Annual Effluent Report for the first half of 2008.

Should you have any questions concerning this report, please contact me at (918) 489-5511, extension 223.

Sincerely,



Scott C. Munson, Manager
Environmental

SCM/bt

Enclosure

cc: Ken Kalman, NMSS ✓
Linda Gersey, Region IV, DNMS

TABLE I
RADIOACTIVITY IN GASEOUS EFFLUENTS
LICENSE SUB-1010; DOCKET 40-8027

FIRST HALF 2008

AIRBORNE RELEASES
ELEVATED AND TOTAL

LOCATION: MAIN PROCESS BUILDING

FIRST QUARTER

<u>NUCLIDE RELEASED</u>	<u>Ci</u>	<u>μCi/ml</u>
URANIUM (NATURAL)	0.00E+00	0.00E+00
THORIUM - 230	0.00E+00	0.00E+00
RADIUM - 226	0.00E+00	0.00E+00
VOLUME RELEASED (Liters)	<u>0.00E+00</u>	

SECOND QUARTER

<u>NUCLIDE RELEASED</u>	<u>Ci</u>	<u>μCi/ml</u>
URANIUM (NATURAL)	0.00E+00	0.00E+00
THORIUM - 230	0.00E+00	0.00E+00
RADIUM - 226	0.00E+00	0.00E+00
VOLUME RELEASED (Liters)	<u>0.00E+00</u>	

NOTE: THERE WERE NO GASEOUS EFFLUENTS THAT REQUIRED MONITORING AT S.F.C. DURING THIS PERIOD

TABLE II
RADIOACTIVITY IN LIQUID EFFLUENTS
LICENSE SUB-1010; DOCKET 40-8027

FIRST HALF 2008

LIQUID RELEASES

LOCATION : FACILITY EFFLUENT; CONTINUOUS SAMPLE

FIRST QUARTER

<u>NUCLIDE RELEASED</u>	<u>Ci</u>	<u>μCi/ml</u>	<u>% E C</u>
URANIUM (NATURAL)	2.86E-03	7.07E-09	2.36
THORIUM - 230	1.79E-04	4.42E-10	0.44
RADIUM - 226	5.81E-05	1.44E-10	0.24
VOLUME RELEASED (Liters)	<u>4.04E+08</u>		

SECOND QUARTER

<u>NUCLIDE RELEASED</u>	<u>Ci</u>	<u>μCi/ml</u>	<u>% E C</u>
URANIUM (NATURAL)	8.45E-03	1.83E-08	6.09
THORIUM - 230	1.71E-04	3.70E-10	0.37
RADIUM - 226	1.48E-04	3.21E-10	0.54
VOLUME RELEASED (Liters)	<u>4.62E+08</u>		

* Values reported contain less-than values