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RE: 1030-N

August 16, 2010

Mr. Elmo Collins, Jr.
Regional Administrator Region IV
U.S. Nuclear Regulatory Commission
Texas Health and Resources Tower
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. Collins:

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 2010.

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

xc: Ken Kalman, NMSS ✓
Robert Evans, NRC Region IV

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

FIRST HALF 2010

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 2010

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)	4.71E-03	8.67E-09	2.89
THORIUM - 230	2.46E-04	4.52E-10	0.45
RADIUM - 226	9.23E-05	1.70E-10	0.28
VOLUME RELEASED (Liters)	<u>5.43E+08</u>		

SECOND QUARTER

<u>NUCLIDE RELEASED*</u>	<u>Ci</u>	<u>μCi/ml</u>	<u>% E C</u>
URANIUM (NATURAL)	3.56E-03	8.63E-09	2.88
THORIUM - 230	2.72E-04	6.60E-10	0.66
RADIUM - 226	8.09E-05	1.96E-10	0.33
VOLUME RELEASED (Liters)	<u>4.13E+08</u>		

* Values reported contain less-than values