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RE: 1009-N

February 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 second half of 2009.

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

SECOND HALF 2009

AIRBORNE RELEASES
ELEVATED AND TOTAL

LOCATION: MAIN PROCESS BUILDING

THIRD 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>	

FOURTH 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

SECOND HALF 2009

LIQUID RELEASES

LOCATION : FACILITY EFFLUENT; CONTINUOUS SAMPLE

THIRD QUARTER

<u>NUCLIDE RELEASED</u>	<u>Ci</u>	<u>μCi/ml</u>	<u>% E C</u>
URANIUM (NATURAL)	5.84E-03	1.81E-08	6.05
THORIUM - 230	2.12E-04	6.58E-10	0.66
RADIUM - 226	4.61E-05	1.43E-10	0.24
VOLUME RELEASED (Liters)	<u>3.22E+08</u>		

FOURTH QUARTER

<u>NUCLIDE RELEASED*</u>	<u>Ci</u>	<u>μCi/ml</u>	<u>% E C</u>
URANIUM (NATURAL)	1.28E-02	2.98E-08	9.93
THORIUM - 230	2.98E-04	6.96E-10	0.70
RADIUM - 226	1.84E-04	4.30E-10	0.72
VOLUME RELEASED (Liters)	<u>4.28E+08</u>		

* Values reported contain less-than values