SEQUOYAH FUELS
A GENERAL ATOMICS COMPANY

COPY

RECEIVED
MAR - 1 2007
DNMS

RE: 0709-N

February 27, 2007

Mr. Bruce S. Mallet

Regional Administrator Region IV
U.S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 400
Arlington, Texas 76011-8064

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 second half of 2006.

Should you have any questions concerning this report, please contact me at (918) 489-5511, extension 14.

Sincerely,

Craig L. Harlin
Vice President

CLH

Enclosure

xc: William Kane, Director, ONMSS
Myron Fliegel, NMSS-LLDR
Linda Gersey, Region IV, DNMS

HIGHWAY 10 & I-40 PO BOX 610, GORE, OKLAHOMA 74435 (918) 489-5511 FAX: (918) 489-2291

TABLE I

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

SECOND HALF 2006

AIRBORNE RELEASES
ELEVATED AND TOTAL

LOCATION: MAIN PROCESS BUILDING

THIRD QUARTER

NUCLIDE RELEASED	Ci	µCi/ml
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) 0.00E+00

FOURTH QUARTER

NUCLIDE RELEASED	Ci	µCi/ml
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) 0.00E+00

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 2006

LIQUID RELEASES

LOCATION : FACILITY EFFLUENT; CONTINUOUS SAMPLE

THIRD QUARTER

NUCLIDE RELEASED	Ci	µCi/ml	% E C
URANIUM (NATURAL)	1.98E-03	3.69E-09	1.23
THORIUM - 230	2.74E-04	5.11E-10	0.51
RADIUM - 226	4.81E-05	8.96E-11	0.15

VOLUME RELEASED (Liters) 5.37E+08

FOURTH QUARTER

NUCLIDE RELEASED	Ci	µCi/ml	% E C
URANIUM (NATURAL)	4.67E-03	9.44E-09	3.15
THORIUM - 230	2.61E-04	5.28E-10	0.53
RADIUM - 226	1.57E-04	3.18E-10	0.53

VOLUME RELEASED (Liters) 4.94E+08

* Values reported contain less-than values