

RE: 0514-N File No. 1.7

February 25, 2005

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Mr. Ellis W. Merschoff 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

Dear Mr. Merschoff:

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 2004.

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

Robert Evans, Region IV, DNMS

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TABLE I

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

SECOND HALF 2004

AIRBORNE RELEASES ELEVATED AND TOTAL

LOCATION:	MAIN	PROCESS	S RI III DING

THE	ALLABATE	
INIKU	QUARTER	(

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

FOURTH QUARTER

NUCLIDE RELEASED	<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) 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 2004

LIQUID RELEASES

LOCATION: FACILITY EFFLUENT; CONTINUOUS SAMPLE

THIRD QUARTER

NUCLIDE RELEASED	Ci	<u>μCi/ml</u>	<u>%EC</u>
URANIUM (NATURAL) THORIUM - 230 RADIUM - 226	5.03E-03 2.24E-04 2.91E-05	1.03E-08 4.60E-10 5.98E-11	3.44 0.46 0.10
VOLUME DELEASED (Litera)	00		

VOLUME RELEASED (Liters) 4.87E+08

FOURTH QUARTER

NUCLIDE RELEASED	Ci	<u>μCi/ml</u>	<u>% E C</u>	
URANIUM (NATURAL)	5.93E-03	1.28E-08	4.27	
THORIUM - 230*	8.32E-05	1.80E-10	0.18	
RADIUM - 226	<u>1.12E-04</u>	2.41E-10	0.40	

VOLUME RELEASED (Liters) 4.63E+08

^{*} Values reported contain less-than values