

**KERR-McGEE CORPORATION**

KERR-McGEE CENTER • OKLAHOMA CITY, OKLAHOMA 73125

ENVIRONMENT AND HEALTH MANAGEMENT DIVISION

PRIORITY ROUTING

First	Second
RA	RC
DRA	CIC
DRP	SGA
DRS	ML
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FILE OS

August 21, 1985

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. James G. Keppler, Director
Inspection Branch
Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Re: Docket 70-925 and
Docket 70-1193

Dear Mr. Keppler:

In accordance with 10 CFR 70-59, Sequoyah Fuels Corporation reports the release of SNM in effluents to the unrestricted area during the first half of 1985. This report covers activities performed at our Cimarron Facility near Crescent, Oklahoma under license numbers SNM-928 and SNM-1174.

Sincerely,

S.C. Munson
S.C. Munson

SCM/br

cc: Director of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

William T. Crow, Acting Chief
Uranium Fuel Licensing Branch
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

IEP4
IE17
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8509060044 850821
PDR ADOCK 07000925
C PDR

License SNM-928

Table I

Radioactivity in Gaseous Effluents
First Half 1985

Particulates
Elevated and Total Release, No Batch Mode

	<u>Unit</u>	<u>First Quarter</u>	<u>Second Quarter</u>
Gross Alpha*	Ci	9.95 E-06	3.86 E-06
Average Concentration	uCi/ml	2.41 E-12	4.03 E-13
Average Release Rate	uCi/sec	1.27 E-06	4.91 E-07

* From enriched uranium containing 2.7 percent U-235.

Table II

No liquid effluent released.

License SNM-1174

Table I

Radioactivity in Gaseous Effluents
First Half 1985

Particulates
Elevated and Total Release, No Batch Mode

	<u>Unit</u>	<u>First Quarter</u>	<u>Second Quarter</u>
Gross Alpha*	Ci	1.81 E-07	7.34 E-07
Average Concentration	uCi/ml	1.15 E-15	3.95 E-15
Average Release Rate	uCi/sec	2.30 E-08	9.33 E-08

* From plutonium containing 86 percent Pu-239 and 12 percent Pu-240.

Table II

No liquid effluent released.