



August 29, 1979

Release

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Glen D. Brown, Chief Region IV U.S. Nuclear Regulatory Commission 611 Ryan Plaza Drive, Suite 1000 Arlington, Texas 76012

Re: Docket 40-8027

Dear Mr. Brown:

In accordance with 10 CFR 40.65 with appropriate modifications made for the nature of the operation and data available, Kerr-McGee Nuclear Corporation reports the release of nuclides in effluents to unrestricted areas during the first six months of 1979.

This report covers activities performed at our Sequoyah Facility near Gore, Oklahoma, under License No. SUB-1010.

very fauly/yours.

W. J. Shelley, Tirector Regulation and Control

WJS:jb

cc: Director, Inspection and Enforcement (6)
Director, MIPC (2)

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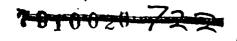


TABLE I

Radioactivity in Gaseous Effluent - 1st 1/2 1979

Particulates - Elevated & total releases (No batch mode releases)

Nuclide Released	Unit	1st Quarter	2nd Quarter
Gross Alpha Uranium (Nat.) Thorium - 230 Radium - 226	C1 C1 C1	2.11E-02 2.08E-02 2.54E-04 4.39E-05	2.89E-02 2.87E-02 1.81E-04 3.74E-06
Average release rate for gross alpha Volume Released	NC1/sec liters	2.68E-03 1.75E+12	3.68E-03 2.06E+12

TABLE II

Radioactivity in Liquid Effluents - 1st 1/2 1979 (No.batch mode releases)

Nuclide Released	Unit	1st Quarter	2nd Quarter
Gross Alpha Uranium (Nat.) Therium - 230 Radium - 226	C1 C1 C1	6.51E-01 4.78E-01 4.27E-05 7.55E-06	9.40E-01 8.73E-01 2.05E-04 8.50E-07
Volume released	liters	1.08E+09	1.11E+09