

October 19, 1971

Kerr-McGee Corporation
Attn: Mr. Allen Valentine,
Coordinator, Radiation Health & Safety
Kerr-McGee Building
Oklahoma City, Oklahoma 73102

Gentlemen:

Enclosed you will find Form AEC-591, "Inspection Findings
and Licensee Acknowledgment," relating to the recent
inspection of your activities under License No. SUS-1080.

Please keep this form for your records.

Very truly yours,

ORIGINAL SIGNED
by JAMES E. HYDER

James E. Hyder
Radiation Specialist

Enclosure:
Form AEC-591

cc: Burnell E. Brown, Facility Manager, w/o encl.
Sequoyah Facility

8507310315 850530
PDR FOIA
BURR85-229 PDR

OFFICE ▶	CO:IV				
SURNAME ▶	JEHyder:mj				
DATE ▶	10/19/71				

U.S. ATOMIC ENERGY COMMISSION
IDAHO OPERATIONS OFFICE
ANALYTICAL CHEMISTRY BRANCH

REFERENCE: HEALTH & SAFETY
DIVISION

54175

ROUTINE SPECIAL XX

SAMPLE RECORD SHEET

SERIAL NO.

SAMPLE FROM: Kerr-McGee (Sequoyah)

COLLECTED BY: Grosclaude for Hyder CO:IV

DATE SUBMITTED: Oct. 19, 1971

SAMPLES RECEIVED: 10/26/71

ANALYSIS COMPLETED: 11/4/71

ANALYZED BY: *OP, R.B.*

NO	SAMPLE		ANAL. FOR	INST. USED	QUANT. USED	TIME CNTD.	COUNT TIME	TOTAL COUNT	GROSS COUNT C/	BKGD. C/	NET COUNT C/	Net cph Yield + Blank - Corrected	RESULTS
	DATE	HOUR											
A	Plant effluent stream		U net		0.1		min	13053		0.95 d.	1195 d.		5.4 x 10 ⁻⁷
	September Composite		220 _{gross} Em		500	1915 11/3	60	74		44	30		6.5 x 10⁻⁷ 1.6 x 10 ⁻⁷
			230 _{gross} Em		500	1620 10/27	60	201		3	198	19±20	< 2 x 10 ⁻⁸
B	Seepage Well No. 6		U net		0.1			4.25 d.		0.95 d.	3.35 d.		1.4 x 10 ⁻⁸
	September Composite		220 _{gross} Em		500	2015 11/3	60	54		35	19	7±13	1.6 x 10 ⁻⁸
			230 _{gross} Em		500	1630 10/27	60	228		1	227	66±21	< 2 x 10 ⁻⁸
226	No blank = 12 ± 9 net cph												
230	No blank = 186 net cph												

NOTIFIED: Hyder, 10-28-71 TIME: 1500

RESAMPLING YES

RECOMMENDED: NO

YES

NO

APPROVED:

SECTION CHIEF

Enfield