

June 1, 1972

Kerr-McGee Corporation
Attn: Mr. A. M. Valentine, Coordinator
Radiation Health and 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. SUB-986.

Please keep this form for your records.

Very truly yours,

ORIGINAL SIGNED
by JAMES E. HYDER

James E. Hyder, Radiation Specialist
Region IV
Directorate of Regulatory Operations

Enclosure:
Form AEC-591

C/6

OFFICE ▶	RO:IV					
SURNAME ▶	JHyder:mj					
DATE ▶	6/1/72					

UNITED STATES ATOMIC ENERGY COMMISSION
DIVISION OF COMPLIANCE
Directorate of Regulatory Operations
INSPECTION FINDINGS AND LICENSEE ACKNOWLEDGMENT

E III
R (1)

1. LICENSEE Kerr-McGee Corporation Kerr-McGee Building Oklahoma City, Oklahoma 73102		2. REGIONAL OFFICE U. S. ATOMIC ENERGY COMMISSION REGION IV, DIVISION OF COMPLIANCE 10395 W. COLFAX, ROOM 200 DENVER, COLORADO 80215	
3. DOCKET NUMBER(S) 40-8006	4. LICENSE NUMBER(S) SUB-986	5. DATE OF INSPECTION MAY 26, 1972	
6. INSPECTION FINDINGS The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Commission's rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The findings as a result of this inspection are as follows:			
<input checked="" type="checkbox"/> No items of noncompliance or unsafe conditions were found.			
The following items of noncompliance related to records, signs, and labels were found:			
<input type="checkbox"/> A. Rooms or areas were not properly posted to indicate the presence of a RADIATION AREA. 10 CFR 20.203(b) or 34.42			
<input type="checkbox"/> B. Rooms or areas were not properly posted to indicate the presence of a HIGH RADIATION AREA. 10 CFR 20.203(c) (1) or 34.42			
<input type="checkbox"/> C. Rooms or areas were not properly posted to indicate the presence of an AIRBORNE RADIOACTIVITY AREA. 10 CFR 20.203(d)			
<input type="checkbox"/> D. Rooms or areas were not properly posted to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(e)			
<input type="checkbox"/> E. Containers were not properly labeled to indicate the presence of RADIOACTIVE MATERIAL. 10 CFR 20.203(f) (1) or (f) (2)			
<input type="checkbox"/> F. A current copy of 10 CFR 20, a copy of the license, or a copy of the operating procedures was not properly posted or made available. 10 CFR 20.206(b)			
<input type="checkbox"/> G. Form AEC-3 was not properly posted. 10 CFR 20.206(c)			
<input type="checkbox"/> H. Records of the radiation exposure of individuals were not properly maintained. 10 CFR 20.401(a) or 34.33(b)			
<input type="checkbox"/> I. Records of surveys or disposals were not properly maintained. 10 CFR 20.401(b) or 34.43(d)			
<input type="checkbox"/> J. Records of receipt, transfer, disposal, export or inventory of licensed material were not properly maintained. 10 CFR 30.51, 40.61 or 70.51			
<input type="checkbox"/> K. Records of leak tests were not maintained as prescribed in your license, or 10 CFR 34.25(c)			
<input type="checkbox"/> L. Records of inventories were not maintained. 10 CFR 34.26			
<input type="checkbox"/> M. Utilization logs were not maintained. 10 CFR 34.27			
<input type="checkbox"/> N. Records of radiation survey instrument calibration were not maintained. 10 CFR 34.24			
<input type="checkbox"/> O. Records of teletherapy electrical interlock tests were not maintained as prescribed in your license.			
<input type="checkbox"/> P. Other _____			
_____ (AEC Compliance Inspector)			
7. The AEC Compliance Inspector has explained and I understand the items of noncompliance listed above. The items of noncompliance will be corrected within the next 30 days.			
_____ (Date)		_____ (Licensee Representative - Title or Position)	

INSPECTION DATA

1. Inspector: Hyder Category E
2. Date of Inspection: 5-26-72 Priority III
3. Licensee: Kerr-McGee Initial _____
Address: Oklahoma City Reinspection _____
Followup _____
Inquiry _____
4. License No. SUB-986 Docket No. 40-8006 Investigation _____
Noninspectable _____
Date Dispatched _____

5. AEC-591 Clear Noncompliance _____

6. Regional Office Enforcement Letter _____
Noncompliance with 10 CFR _____ License Condition(s) _____

7. Referred to HQ for Action _____
Reason: _____

8. Next Recommended Inspection Date: May 1975

PART 1

Inspect Lucas

Date of Inspection: 3-25-70

Licensee: Keen McGee Corporation

Address: Okmulgee City, Okla

License No.: SUB-986 (Doc. 40-8006)

II:

AEC-591 ✓

A. Clear case (Initial/Reinsp) ✓

B. Clear case (F/U of 592) _____

C. Noncompliance case _____

III:

AEC-417 _____

A. Immediate Public Health and Safety Threat _____

B. Expenditure of more than nominal sum for compliance _____

C. Excess of 90 days appears necessary to achieve enforcement _____

D. N/C items of particular complexity _____; Licensing problems _____; Requires Headquarters interpretation _____

E. Appropriate for "Notice of Alleged Violation" _____

F. Uncorrected previous noncompliance _____

G. Other _____

IV:

AEC-592 _____

A. Involves nonsignificant risk _____

B. Involves significant risk _____

PART 2

E III INITIAL

Date Dispatched MAR 31 1970

Suspense Date _____

V and VI:

1. Adequate reply received from licensee: _____; Copy to L&R for info _____ (Date)

2. Inadequate reply received from licensee: Forwarded to L&R for action _____ (Date)

3. No reply received from licensee and forwarded to L&R for action _____

Note: If F/U is made on No. 1, 2, or 3 above, check a. or b. below:

a. F/U shows satisfactory corrective action cy AEC-591 to L&R for info _____ TWX report to L&R _____

b. F/U shows incomplete corrective action: TWX report to L&R _____

VII:

ELAPSED DAYS INFO:

No. of days from date of Inspection to issuance of AEC-592:

10 or less _____; 11 to 15 _____; 16 to 20 _____; 21 to 25 _____; over 25 _____

From issuance of AEC-592 to licensee reply:

20 or less _____; 21 to 30 _____; 31 to 40 _____; over 40 _____

From Inspection date to date of F/U Inspect:

20 or less _____; 21 to 40 _____; 41 to 60 _____; 61 to 90 _____; 91 to 120 _____

VIII:

Additional follow-up by agreement with L&R _____

File
Thru A D Brown

Kerr-McGee Corporation
Oklahoma City Oklahoma
Lic No 35-12636-06
and SUB 986

Inspector's Evaluation

Routine unannounced
inspections conducted 5/26/72.
Clear AEC-591's issued.

Activities under subject license
should result in no significant
hazards to employees or
to general public.

J E Hydr

U.S. ATOMIC ENERGY COMMISSION
COMPLIANCE STATISTICAL DATA

File

A	A. DOCKET NUMBER	B. REPORT NUMBER	C. PRIORITY/CATEGORY	ING/INSPECTION/INVESTIGATION DATES		F. REGION CONDUCTING ACTIVITY
	P 04008006	7201	3	FROM D. 05-26-72	TO E.	
LICENSEE/VENDOR			FACILITY		LICENSE NUMBER	
Kerr-McGee Corporation			Oklahoma City, Oklahoma		SUB-986	
G	ACTIVITY CONDUCTED:					
<input checked="" type="checkbox"/> 1 INSPECTION <input type="checkbox"/> 2 INQUIRY <input type="checkbox"/> 3 INVESTIGATION <input type="checkbox"/> 4 VENDOR INSPECTION <input type="checkbox"/> 5 MANAGEMENT VISIT <input type="checkbox"/> 6 INQUIRY-NON LICENSEE						
H	INSPECTION/INVESTIGATION RESULTS:					
<input checked="" type="checkbox"/> 1 591 <input type="checkbox"/> 2 REGIONAL OFFICE LETTER <input type="checkbox"/> 3 REFERRED TO HQS FOR ACTION						
J	INSPECTION/INVESTIGATION FINDINGS:					
<input checked="" type="checkbox"/> 1 CLEAR <input type="checkbox"/> 2 SAFETY ITEM <input type="checkbox"/> 3 NONCOMPLIANCE <input type="checkbox"/> 4 NONCONFORMANCE						
K	FIELD ACTION AS A RESULT OF INQUIRY					
<input type="checkbox"/> 1 CONDUCT INVESTIGATION <input type="checkbox"/> 2 REVIEW NEXT INSPECTION <input type="checkbox"/> 3 REFER TO OTHER REGION <input type="checkbox"/> 4 REFER TO NON-REG. AUTH. <input type="checkbox"/> 5 REFER TO OTHER REG. OFFICE <input type="checkbox"/> 6 HQS FOR ACTION <input type="checkbox"/> 7 NO FURTHER ACTION						

L	M	N
REASON INSP. FINDINGS REFERRED TO HEADQUARTERS FOR ACTION:	SUBJECT OF INQUIRY OR INVESTIGATION:	HEADQUARTERS ACTION ON INSPECTION AND INVESTIGATION
<input type="checkbox"/> 01 IMMEDIATE THREAT TO HEALTH AND SAFETY COMPLEX ITEM INVOLVING: <input type="checkbox"/> 02 NONCOMPLIANCE/NONCONFORMANCE <input type="checkbox"/> 03 LICENSING PROBLEM <input type="checkbox"/> 04 POLICY MATTER <input type="checkbox"/> 05 INTERPRETATION <input type="checkbox"/> 06 SAFETY ITEM <input type="checkbox"/> 07 MANAGEMENT DEFICIENCY <input type="checkbox"/> 08 INADEQ. REPLY TO LETTER <input type="checkbox"/> 09 NO REPLY TO LETTER <input type="checkbox"/> 10 NO CORRECTIVE ACTION PLANNED <input type="checkbox"/> 11 INADEQUATE CORRECTIVE ACTION PLANNED <input type="checkbox"/> 12 HQS LETTER REQUIRED <input type="checkbox"/> 13 HQS REVIEW REQUIRED <input type="checkbox"/> 14 UNREVIEWED SAFETY MATTER <input type="checkbox"/> 15 DESIGN CHANGE <input type="checkbox"/> 16 OTHER <input type="checkbox"/> 17 <input type="checkbox"/> 18 <input type="checkbox"/> 19	<input type="checkbox"/> 01 TYPE A INT. OVEREXPOSURE <input type="checkbox"/> 02 TYPE A EXT. OVEREXPOSURE <input type="checkbox"/> 03 TYPE A RELEASE <input type="checkbox"/> 04 TYPE A LOSS OF FACILITY <input type="checkbox"/> 05 TYPE A PROPERTY DAMAGE <input type="checkbox"/> 06 TYPE B INT. OVEREXPOSURE <input type="checkbox"/> 07 TYPE B EXT. OVEREXPOSURE <input type="checkbox"/> 08 TYPE B RELEASE <input type="checkbox"/> 09 TYPE B LOSS OF FACILITY <input type="checkbox"/> 10 TYPE B PROPERTY DAMAGE 10 CFR 20.405 <input type="checkbox"/> 11 INTERNAL OVEREXPOSURE <input type="checkbox"/> 12 EXTERNAL OVEREXPOSURE <input type="checkbox"/> 13 EXCESSIVE RADIATION LEVELS <input type="checkbox"/> 14 EXCESSIVE CONCENTRATION LEVELS <input type="checkbox"/> 15 CRITICALITY <input type="checkbox"/> 16 LOSS OR THEFT <input type="checkbox"/> 17 CONTAMINATION <input type="checkbox"/> 18 UNSAFE OPERATION <input type="checkbox"/> 19 FIRE, EXPLOSION <input type="checkbox"/> 20 HUMAN (OPERATOR) ERROR <input type="checkbox"/> 21 COMPLAINT <input type="checkbox"/> 22 PUBLIC INTEREST <input type="checkbox"/> 23 LEAKING SOURCE <input type="checkbox"/> 24 TRANSPORTATION <input type="checkbox"/> 25 EXPIRED LICENSE EXPOSURE REPORTED AND FOUND INVALID. <input type="checkbox"/> 26 <input type="checkbox"/> 27 CONSTRUCTION/EQUIP. DEFICIENCY <input type="checkbox"/> 28 EQUIPMENT FAILURE <input type="checkbox"/> 29 EXCEED LIC/TECH SPEC REG'S <input type="checkbox"/> 30 DEPARTURE FROM FSAR/TS'S <input type="checkbox"/> 31 OTHER	<input type="checkbox"/> 01 NO ACTION REQUIRED <input type="checkbox"/> 02 LETTER-CLEAR <input type="checkbox"/> 03 LETTER-NONCOMPLIANCE <input type="checkbox"/> 04 LETTER-SAFETY ITEM <input type="checkbox"/> 05 PART 2 NOTICE <input type="checkbox"/> 06 PART 2 NOTICE AS RESULT OF FOLLOWUP TO REGIONAL OFFICE LETTER <input type="checkbox"/> 07 ORDER <input type="checkbox"/> 08 REFER TO DRL FOR RESOLUTION <input type="checkbox"/> 09 REFER TO DRL FOR INFORMATION <input type="checkbox"/> 10 REFER TO DML FOR RESOLUTION <input type="checkbox"/> 11 REFER TO DML FOR INFORMATION <input type="checkbox"/> 12 REFER TO REGION TO CLOSE OUT <input type="checkbox"/> 13 OTHER
REGIONAL OFFICE ACTION DATES REPORT SENT TO HEADQUARTERS O 06-02-72 591/LETTER ISSUED P 06-01-72 Q REPLY NOT REQUIRED R LICENSEE REPLY RECEIVED S REPLY INADEQUATE		T DATE LETTER, NOTICE, ORDER ISSUED U DATE LICENSEE REPLY RECEIVED V REPLY NOT REQUIRED

Licensee Kerr-McGee SUB-986

DETAILS

A. Participants

M A M Valentin RSD

B. Scope of License Program

No change

C. Organization

No change

D. Administrative Control

No change

E. Use of Material

~~Use of~~ Use of material

No change

Licensee Ken-M^cLee SAB-986

Summary

No change from previous inspection

Noncompliance and Safety Items

None

Unusual Occurrences

None

Status of Previously Reported Noncompliance or Safety Items

No previous items

Management Interview

Clear 591 issued to
M C Long acting Director

Licensee Kerr - M^c Lu

SUB-986

F. Facilities

No change

G. Equipment

No change

H. Radiological Safety Procedures

No change

I. Personnel Monitoring and Exposure to External Radiation

No change

J. Exposure of Employees to Concentrations of Radioactive Materials

No change

Licensee

Kerr - M^c Lee

SUB- 986

K. Effluents to Unrestricted Areas

No change

L. Disposals

~ 475 # U₃O₈ Transferred to
Seymour Facility

M. Miscellaneous Surveys, Evaluations, and Records

No change

N. Special License Conditions

No change

O. Posting and Labeling

Area Posted CRM

Licensee Ken - M^c Lee

SUB 986

P. Independent Measurements

None made

Q. Operations Observed

None observed

R. Incidents, Overexposures, Theft or Loss, Equipment Malfunction

None identified or reported

S. Other Information or Continuation from Previous Paragraphs

None
JEL

INSPECTION REPORT

1. Name and address of licensee

Kerr - Mc Lee Corp
Kerr - Mc Lee Building
Oklahoma City, Oklahoma

2. Date of inspection

May 26, 1972

3. Type of inspection

Reinspection

4. License number(s), docket number(s), number and date of last amendment for each license. Category and Priority of each license

SUB - 986 (Docket # 40-8006) F III
Amendment # 1 issued 4-23-71

5. Date of previous inspection

3-25-70

6. Is "Company Confidential", or proprietary, or classified information contained in report?

Yes _____ No X

(Specify paragraphs)

7. Scope of inspection

Toured Facilities
interviewed those responsible
for administration & radiation
safety aspects of program
Review records

8.

Hyder
Inspector

6-18-72

Date of Report

OWS
Reviewer

7/12/72
Date of Review