

March 13, 1979

✓ License No. SUB-986

Kerr-McGee Nuclear Corporation
ATTN: W. J. Shelley, Director
Regulation and Control
Kerr-McGee Center
Oklahoma City, Oklahoma 73125

Gentlemen:

This refers to the inspection conducted by Mr. C. L. Cain of this office on February 26, 1979, of the activities authorized by NRC Source Material License No. SUB-986 and to the discussion of our findings held by Mr. Cain with Messrs. W. L. Utnage and W. J. Robertson on February 26, 1979.

The inspection was an examination of the activities conducted under the license as they relate to radiation safety and to compliance with the Commission's rules and regulations, and the conditions of the license. The inspection consisted of selective examinations of procedures and representative records, interviews of personnel, independent measurements and observations by the inspector.

Mr. Cain also reviewed the action you had taken with respect to two items of noncompliance observed during our previous inspection, which was conducted May 6, 1976. He verified that the corrective action with respect to these items was implemented as stated in your reply of May 25, 1976, to our letter dated May 13, 1976.

Based on the results of this inspection, it appears that certain of your activities were not conducted in full compliance with NRC requirements, as set forth in the Notice of Violation, enclosed herewith. These items of noncompliance have been categorized into the levels as described in the correspondence to you dated December 31, 1974.

This notice is sent to you pursuant to the provisions of Section 2.201 of the NRC "Rules of Practice," Part 2, Title 10, Code of Federal Regulations. Section 2.201 requires you to submit to this office, within twenty (20) days of your receipt of this notice, a written statement or explanation in reply including: (1) corrective actions which have been taken by you and the results achieved; (2) corrective actions which will be taken to avoid further items of noncompliance; and (3) the date when full compliance will be achieved.

seen - see 766 -

9/13

OFFICE	RIV <i>OKC</i>	<i>[Signature]</i>				
SURNAME	CLCain:df	GDBrown	WEVetter			
DATE	3/9/79	3/ 179	3/13/79			

Kerr-McGee Nuclear Corporation

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March 13, 1979

Should you have any questions concerning this letter, please let me know.

Sincerely,

Glen D. Brown, Chief
Fuel Facility and Material
Safety Branch

Enclosure:
Notice of Violation

bcc w/encl to Reproduction Unit for Distribution _____

AD/FFMSI
IE FILES
NMSS:FCMS
NMSS:FCSL

bcc w/encl held for 20 days
CENTRAL FILES
PDR:HQ
NSIC

License No. SUB-986

Notice of Violation

Based on the results of the NRC inspection conducted on February 26, 1979, certain activities appear to be in noncompliance with NRC regulations as indicated below:

1. Contrary to 10 CFR 20.203(e)(2), an area in which natural uranium was stored in an amount exceeding ten (10) millicuries was not posted with signs bearing the radiation caution symbol and the words: CAUTION (or DANGER) RADIOACTIVE MATERIAL.

This is a deficiency.

2. Contrary to 10 CFR 20.203(f), a container of natural uranium in an amount exceeding one (1) millicurie was not posted with a label identifying the radioactive contents and bearing the radiation caution symbol and the words: CAUTION (or DANGER) RADIOACTIVE MATERIAL.

This is a deficiency.

UN. STATES NUCLEAR REGULATORY COMMISSION
INSPECTION & ENFORCEMENT - STATISTICAL DATA

FACILITY NAME <u>Technical Center</u> INSPECTOR(S) <u>Cam</u> PRINCIPAL INSPECTOR _____	
LICENSEE/VENDOR <u>Kerr-McGee Corp.</u> REVIEWER _____	
TRANS-ACTION TYPE: 1 (CHECK ONE) <input type="checkbox"/> Delete <input checked="" type="checkbox"/> Insert <input type="checkbox"/> Modify	DOCKET NUMBER (A) 2 9 04008006 OR LICENSE NO. (BY PRODUCT) 2 14 SUB-986
	REPORT NO. (B) 15 18 7901
	DATES INQ/INVEST/INSP FROM TO 19 24 (C) 022679 M M D D Y Y 25 30 (D) 022679 M M D D Y Y
	REGION CONDUCTING ACTIVITY (E) 31 4
INSPECTION PERFORMED BY: 32 1 <input checked="" type="checkbox"/> REGIONAL OFFICE STAFF 2 <input type="checkbox"/> RESIDENT INSPECTOR 3 <input type="checkbox"/> PERFORMANCE APPRAISAL TEAM	
TYPE OF ACTIVITY CONDUCTED (CHECK ONE BOX ONLY) 33-34	
INSPECTION OTHER 02 <input checked="" type="checkbox"/> SAFETY 05 <input type="checkbox"/> MANAGEMENT AUDIT 09 <input type="checkbox"/> MATL ACCT. 13 <input type="checkbox"/> IMPORT 14 <input type="checkbox"/> INQUIRY 03 <input type="checkbox"/> INCIDENT 06 <input type="checkbox"/> MANAGEMENT VISIT 10 <input type="checkbox"/> PLANT SEC. 15 <input type="checkbox"/> INVESTIGATION 04 <input type="checkbox"/> ENFORCEMENT 07 <input type="checkbox"/> SPECIAL 11 <input type="checkbox"/> INVENT. VERIF. (IF INVEST. ALSO CHECK BLOCK S) 08 <input type="checkbox"/> VENDOR 12 <input type="checkbox"/> SHIPMENT/EXPORT	
INSPECTION OR INVESTIGATION WARNING: 1 <input type="checkbox"/> ANNOUNCED 2 <input checked="" type="checkbox"/> UNANNOUNCED 35	
INSPECTION SHIFT: 1 <input checked="" type="checkbox"/> DAY SHIFT 2 <input type="checkbox"/> OFF-SHIFT 3 <input type="checkbox"/> WEEKEND/HOLIDAY 36	
INSPECTION/INVESTIGATION NOTIFICATION (CHECK ONE BOX ONLY) 37 1 <input type="checkbox"/> 591 2 <input checked="" type="checkbox"/> REGIONAL OFFICE LETTER 3 <input type="checkbox"/> REFERRED TO HQS FOR ACTION 4 <input type="checkbox"/> REGION LETTER & HQS FOR ACTION	
INSPECTION/INVESTIGATION FINDINGS (CHECK ONE BOX ONLY) 38 1 <input type="checkbox"/> CLEAR 2 <input checked="" type="checkbox"/> NONCOMPLIANCE 3 <input type="checkbox"/> DEVIATION 4 <input type="checkbox"/> NONCOMPLIANCE & DEVIATION	
ENFORCEMENT CONFERENCE HELD: 1 <input checked="" type="checkbox"/> 39	
NUMBER OF NONCOMPLIANCE ITEMS IN LETTER TO LICENSEE: 40 41 02 42 43 NUMBER OF DEVIATION ITEMS IN LETTER TO LICENSEE: 00 44 45 00 NOTE: CHANGE MUST BE SUBMITTED ON 766 WHENEVER PREVIOUSLY CITED ITEM OF NONCOMPLIANCE IS OFFICIALLY DELETED FROM THE RECORD.	
46 INSPECTION FEE 1 <input type="checkbox"/> NON-ROUTINE/VENDOR (No Fee) 2 <input type="checkbox"/> ROUTINE (No Fee) 3 <input type="checkbox"/> ROUTINE (Fee) 4 <input type="checkbox"/> ROUTINE (Fee Reduced)	
47 CONTENTS 2.790D INFORMATION <input type="checkbox"/> 'S' YES	
REGIONAL OFFICE LETTER OR REPORT TRANSMITTAL DATE FOR INSPECTION OR INVESTIGATION 591 OR LETTER ISSUED TO LICENSEE REPORT SENT TO HQS FOR ACTION IMMEDIATE ACTION LETTER 48 53 54 59 60 DATE 65 03/379 M M D D Y Y M M D D Y Y M M D D Y Y	
SUBJECT OF INVESTIGATION (CHECK ONE BOX ONLY) 66-67 TYPE A 10 CFR 20.403 TYPE B 10 CFR 20.405 MISC. 01 <input type="checkbox"/> INTERNAL OVEREXPOSURE 06 <input type="checkbox"/> 11 <input type="checkbox"/> INT. OVEREXPOSURE 15 <input type="checkbox"/> CRITICALITY 21 <input type="checkbox"/> EQUIP. FAILURE 02 <input type="checkbox"/> EXTERNAL OVEREXPOSURE 07 <input type="checkbox"/> 12 <input type="checkbox"/> EXT. OVEREXPOSURE 16 <input type="checkbox"/> LOSS/THEFT 22 <input type="checkbox"/> ALLEGATION/ 03 <input type="checkbox"/> RELEASE TO UNREST. AREA 08 <input type="checkbox"/> 13 <input type="checkbox"/> EXCESS RAD. LEVELS 17 <input type="checkbox"/> MUF COMPLAINT 04 <input type="checkbox"/> LOSS OF FACILITY 09 <input type="checkbox"/> 14 <input type="checkbox"/> EXCESS CONC. LEVELS 18 <input type="checkbox"/> TRANSPORTATION 23 <input type="checkbox"/> PUBLIC INTEREST 05 <input type="checkbox"/> PROPERTY DAMAGE 10 <input type="checkbox"/> 19 <input type="checkbox"/> CONTAM/LEAKING SOURCE 24 <input type="checkbox"/> SABOTAGE 20 <input type="checkbox"/> ENVIRONMENTAL EVENT 25 <input type="checkbox"/> ABNORMAL OCCUR. 26 <input type="checkbox"/> OTHER	
HEADQUARTERS ENTRIES HQS ACTION ON INSP/INVEST REFERRED BY REGION: (See Reference List for Code) 68 69 DATE HQS ENFORCEMENT LETTER, NOTICE, ORDER ISSUED: 70 75 CIVIL PENALTY ISSUED: 1 <input type="checkbox"/> 76 DATE 766 ENTERED INTO COMPUTER FILE (MO/YR): 77 80 M M Y Y	

4-6

NOTE: BLOCKS K TO N MUST BE VERIFIED BY IE: HQS WHENEVER ENTRIES ARE MADE IN BLOCKS T, U AND V

AITs REFERENCE:

UNITED STATES NUCLEAR REGULATORY COMMISSION
 INSPECTION & ENFORCEMENT—STATISTICAL DATA SUPPLEMENT

GENERAL INSTRUCTIONS: BLOCK A MUST BE CHECKED TO SHOW TYPE OF INFORMATION CONTAINED ON THE FORM. ONE FORM IS TO BE COMPLETED FOR EACH.
 (A) ITEM OF NONCOMPLIANCE CITED.
 (B) ITEM OF NONCOMPLIANCE NOT CITED, AND.
 (C) DEVIATION CITED IN ENFORCEMENT CORRESPONDENCE

DOCKET NUMBER 040-08006 OR LICENSE NUMBER SUB-986 REPORT NUMBER 7901

S 1	A—TYPE OF FINDINGS (CHECK ONE BOX ONLY)	B—SPECIFIC N/C CODE OR DEVIATION	CAUSE 8	PROCEDURE 9	SEVERITY 10	FUNCTIONAL AREA 11 12
	A <input checked="" type="checkbox"/> NONCOMPLIANCE 2 B <input type="checkbox"/> LICENSEE IDENTIFIED ITEMS C <input type="checkbox"/> DEVIATION	3 7 A L G	H	R	3	[] []
		C—MODULE NUMBER	13	19		
		5 7 7 7 1 0 B				
D—HOW ITEM IDENTIFIED (CHECK ONE BOX ONLY)		E—CONSEQUENCES (CHECK ONE BOX ONLY)				
L <input type="checkbox"/> LICENSEE 20 I <input checked="" type="checkbox"/> INSPECTOR O <input type="checkbox"/> OTHER		A <input type="checkbox"/> CAUSE OR CONSTITUTED ACTUAL OCCURRENCE 21 P <input type="checkbox"/> HAD POTENTIAL TO RESULT IN ACTUAL OCCURRENCE N <input checked="" type="checkbox"/> DID NOT HAVE POTENTIAL TO RESULT IN ACTUAL OCCURRENCE				
F—EXEMPT INFORMATION		G—ADDITIONAL UNITS (ENTER "M" IN FIRST BOX FOLLOWED BY OTHER UNIT NUMBERS)				
22 S <input type="checkbox"/> CHECK BOX IF EXEMPT INFORMATION IS INCLUDED IN TEXT BELOW, PER 10 CFR 2.790		23 [] [] [] []			26 [] [] [] []	
		H—NONCOMPLIANCE REPETITIVE OCCURRENCE (IF FIRST OCCURRENCE ENTER "1")				27 1

I—TEXT (ENTER UP TO 2400 CHARACTERS FOR EACH ITEM. IF THE TEXT OF THE NONCOMPLIANCE OR DEVIATION EXCEEDS THIS NUMBER, IT WILL BE NECESSARY TO PARAPHRASE)

1	Contrary to 10 CFR 20.203(f), a container of natural uranium in an amount exceeding one (1) millicurie was not posted with a label identifying the radioactive contents and bearing the radiation caution symbol and the words: CAUTION (or DANGER) RADIOACTIVE MATERIAL.	(1)
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& E N D & NOTE: DATA ENTRY CLERK—THE LAST LINE ENTERED MUST CONTAIN THIS INFORMATION.

