

JUL 07 1978

FCPF:ALS
40-8027
SUB-1010, Amendment No. 10

Kerr-McGee Nuclear Corporation
ATTN: Mr. W. J. Shelley, Director
Regulation & Control
Kerr-McGee Center
Oklahoma City, Oklahoma 73102

Gentlemen:

Pursuant to Title 10, Code of Federal Regulations, Part 40, Source Material License No. SUB-1010 is hereby amended to authorize the construction and use of a new liquid waste pond no. 3 in accordance with the statements, representations, procedures and conditions contained in your application dated March 3, 1978 and supplement dated June 2, 1978 subject to the following conditions:

1. Use of new constructed pond no. 3 shall comply with Condition No. 13 of Source Material License No. SUB-1010 dated October 7, 1977.
2. Detail plans for remodeling of pond no. 1 shall be submitted to USNRC for review prior to implementation.
3. Routine liquid samples collected from the pipeline system shall be analyzed for both gross alpha and nitrate to detect leakage.
4. The new pond to be constructed shall be used only for storage of the treated raffinate solution.

All other conditions of this license shall remain the same.

The above conditions were discussed and agreed upon between your Mr. G. J. Sinke and A. L. Soong of my staff on July 24, 1978.

FOR THE NUCLEAR REGULATORY COMMISSION

B51216039B 780707
PDR ADOCK 04008027
C PDR

Original Signed by
Leland C. Rouse
Leland C. Rouse, Chief
Fuel Processing & Fabrication Branch

OFFICE	FCPF Soong	FCPF WTCrow	FCPF LCRouse	Division of Fuel Cycle and	
SURNAME	ALSoong:mb	WTCrow	LCRouse	Material Safety	
7/25/78 DATE	7/25/78	7/25/78	8/1/78		

Distribution:
FCPF
NMSS
✓ Docket 40-8027
PDR
SHO
IEHQ-2
RJEverett, Reg:IV
JCatania
BBrooks
ACabell
JPartlow
SDuncan
DWeiss
LCRouse
JBMartin
ALSoong
WTCrow

U.S. ATOMIC ENERGY COMMISSION
MATERIALS DATA INPUT S/SNMPC# 78 071 A
1 - FILE COPY

A. TYPE OF ACTION AND IDENTIFICATION CODE

1	<input type="checkbox"/> NEW LICENSE	<input type="checkbox"/> AMENDMENT TO RENEW LICENSE	<input type="checkbox"/> AMENDMENT TO TERMINATE	<input type="checkbox"/> VOID	DOCKET NUMBER	MAIL CONTROL NUMBER	CHANGE NAME/ ADDRESS
	<input type="checkbox"/> NEW LICENSE AND NEW LICENSEE	<input checked="" type="checkbox"/> OTHER AMENDMENT	<input type="checkbox"/> CLERICAL CHANGE NO AMENDMENT		040-08027	00852	<input type="checkbox"/>

B. INDICATIVE INFORMATION:

NAME (LAST, FIRST, MIDDLE)	NAME (LAST, FIRST, MIDDLE)				
	NAME (LAST, FIRST, MIDDLE)				
	NAME (LAST, FIRST, MIDDLE)				
ORGANIZATION NAME (ALPHABETIC SEQUENCE)					
Kerr McGee Nuclear Corporation					
DEPARTMENT OR BUREAU					
BUILDING, STREET	CITY	STATE	ZIP CODE		
Oklahoma City	Oklahoma City	OK	73125		
TYPE OF APPLICANT	U.S. GOVERNMENT AGENCY	DATE REQUEST RECEIVED	INSTITUTION CODE	PENDING PROG. CODE	ACTUAL PROG. CODE
<input type="checkbox"/> INDIVIDUAL LICENSEE	<input checked="" type="checkbox"/> ORGANIZATIONAL LICENSEE	03/08/78	12638		
SECONDARY PROGRAM CODES AS REQUIRED:					
#1	#2	#3	#4	#5	
SUB-1010 NUMBER	DATE LICENSE ISSUED OR ACTION COMPLETED	EXPIRATION DATE			
XXX	7/7/78				

C. STATISTICAL INFORMATION:

MEDICAL CATEGORY	<input type="checkbox"/> FOR HUMAN USE ONLY	<input type="checkbox"/> FOR HUMAN AND NONHUMAN USE	<input type="checkbox"/> FOR NONHUMAN USE ONLY		
POSSESSION OF THE MATERIAL IS AUTHORIZED IN ONE OF THE FOLLOWING AREAS					
<input type="checkbox"/> SAME AS "STATE" IN ADDRESS	<input type="checkbox"/> ALL STATES	<input type="checkbox"/> ALL NON-AGREEMENT STATES			
AND/OR IN THE STATE(S), TERRITORY(S), COUNTRY CHECKED BELOW					
ALABAMA AL	GEORGIA GA	MARYLAND MD	NEW JERSEY NJ	SOUTH CAROLINA SC	WYOMING WY
ALASKA AK	HAWAII HI	MASSACHUSETTS MA	NEW MEXICO NM	SOUTH DAKOTA SD	
ARIZONA AZ	IDAHOO ID	MICHIGAN MI	NEW YORK NY	TENNESSEE TN	AMERICAN SAMOA AS
ARKANSAS AR	ILLINOIS IL	MINNESOTA MN	NORTH CAROLINA NC	TEXAS TX	CANAL ZONE CZ
CALIFORNIA CA	INDIANA IN	MISSISSIPPI MS	NORTH DAKOTA ND	UTAH UT	GUAM GU
COLORADO CO	IOWA IA	MISSOURI MO	OHIO OH	VERMONT VT	PUERTO RICO PR
CONNECTICUT CT	KANSAS KS	MONTANA MT	OKLAHOMA OK	VIRGINIA VA	VIRGIN ISLANDS VI
DELAWARE DE	KENTUCKY KY	NEBRASKA NE	OREGON OR	WASHINGTON WA	
WASHINGTON DC	LOUISIANA LA	NEVADA NV	PENNSYLVANIA PA	WEST VIRGINIA WV	CANADA CN
FLORIDA FL	MAINE ME	NEW HAMPSHIRE NH	RHODE ISLAND RI	WISCONSIN WI	

D. POSSESSION LIMITS OF SOURCE AND SPECIAL NUCLEAR MATERIALS AND TRITIUM

SOURCE MATERIAL CEILING		<input type="checkbox"/> GRAMS	SNM CEILING		<input type="checkbox"/> GRAMS	<input type="checkbox"/> "X" HERE IF FOR POWER REACTOR	
		<input type="checkbox"/> KILOGRAMS			<input type="checkbox"/> KILOGRAMS		
MAT	AMOUNT	UNIT	ENRICH	MAT	AMOUNT	UNIT	ENRICH
U5		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS			<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS
U3		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS			<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS
PU		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS			<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS
UR		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS			<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS
TH		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS			<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS
		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS			<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS
		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS			<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS
H3		<input type="checkbox"/> CURIES <input type="checkbox"/> MILLICURIES	<input type="checkbox"/> MICROCURIES	RIS CODES			

U5=U235, U3=U233, PU=PLUTONIUM, UR=URANIUM, TH=THORIUM, H3=TRITIUM, G=GRAMS,
Kg=KILOGRAMS, S=SEALED, UNS=UNSEALED