

Docket 40-2061

40-2061



**KERR-MCGEE CORPORATION**

KERR-MCGEE CENTER • OKLAHOMA CITY, OKLAHOMA 73125

RECEIVED

PDR  
LPDR

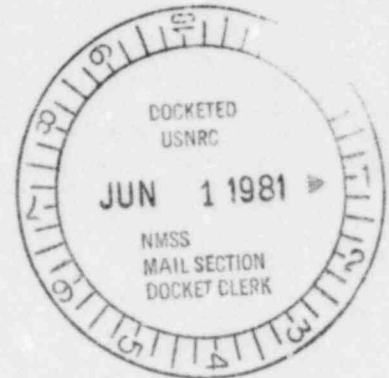
ENVIRONMENT AND HEALTH MANAGEMENT DIVISION

Return to  
Dave Cramp  
39655

U.S. NUCLEAR REG  
COMMISSION  
MAIL SECTION

May 15, 1981

CERTIFIED MAIL - RETURN RECEIPT REQUESTED



Mr. W. A. Nixon  
Uranium Process Licensing Section  
Uranium Fuel Licensing Branch  
Division of Fuel Cycle and Mat'l Safety  
US Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Mr. Nixon:

We have continued the boundary line measurements of radon and thoron concentrations at the West Chicago disposal area as previously reported.

The data collected from April 2 to April 22 is tabulated on the attached page.

Please let me know if you need additional information.

Sincerely,

W. J. Shelley, Vice President  
Nuclear Licensing and Regulation

WJS/pls

Attachment

FEE EXEMPT

8107240008 810515  
PDR ADOCK 04002061  
C PDR

19131

RADON AND THORON DAUGHTER MEASUREMENTS  
 FACILITY BOUNDARY  
 WEST CHICAGO, ILLINOIS

pCi/l

	<u>EAST</u>		<u>NORTH</u>		<u>WEST</u>		<u>SOUTH</u>	
	<u>RN</u>	<u>TH</u>	<u>RN</u>	<u>TH</u>	<u>RN</u>	<u>TH</u>	<u>RN</u>	<u>TH</u>
4/2/81	ND	0.16	ND	0.16	ND	ND	ND	ND
**4/7/81	ND	ND	0.4	0.3	ND	0.16	ND	ND
4/8/81	ND	0.4	ND	0.4	ND	ND	ND	.024
4/14/81	ND	ND	Not Avail.	ND	ND	ND	0.2	ND
**4/15/81	ND	0.024	ND	0.16	1.0	0.40	ND	0.08
4/16/81	ND	0.024	ND	0.16	ND	ND	ND	0.016
4/20/81					ND	.024		
4/22/81					ND	0.040		

ND - Not Detectable

\*\*Measurements taken at sunrise.