



KERR-MCGEE CHEMICAL CORP.

250 ANN STREET • WEST CHICAGO, ILLINOIS 60185

March 15, 1972

U. S. Atomic Energy Commission
P. O. Box E
Oak Ridge, Tennessee 37830

Ref: License No. STA 583, Docket No. 40-2061

Gentlemen:

Attached is an inventory report of thorium (as elemental thorium) in the West Chicago Plant of Kerr-McGee Chemical Corp. (American Potash & Chemical) as of June 30, 1971.

We regret the late submittal of this report. We had a plant management change in 1971 and it was overlooked.

Yours truly,

O. L. Daigle
Plant Manager

OLD/fw
Att.

bcc: W. L. Silvernail

8507080372 850408
PDR FOIA
RAPKIN85-30 PDR

LINDSAY RARE EARTHS

THORIUM INVENTORY - JUNE 30 1971

Kerr-McGee Chemical Corp.
West Chicago Plant
West Chicago, Illinois

PRODUCTS (including material waiting analysis)

<u>Material</u>	<u>Lbs.</u>	<u>Kg Contained Th</u>
Thorium Nitrate	35,530	4,602
Thorium Oxide	7,095	2,827
Thorium Oxalate	8,140	<u>1,661</u>
	SUB-TOTAL	9,190

Work-in-Process

Estimated contained thorium in fluorides, chlorides, nitrates, etc.	11,250
Crude concentrates	
Estimated contained thorium in hydroxides, fluorides, and sulfates	24,850
Residues* (estimated)	
Sump	209,000
Dissolving Residue Pile	270,000

*Thorium content in these residues is estimated to be accurate to within 50%

RPMacLean/ms/jy
3/2/72