

070-00451

JUL 13 1983

FCUP:GHB
70-36

DISTRIBUTION
EYShum
GHBidinger (2)
VLTharpe
Docket File 70-36
Region III
PDR
NMSS R/F
FCUP R/F

MEMORANDUM FOR: W. T. Crow, Section Leader
Uranium Process Licensing Section
Uranium Fuel Licensing Branch

FROM: G. H. Bidinger
Uranium Process Licensing Section
Uranium Fuel Licensing Branch

SUBJECT: Tc-99 at CE-Hematite

Approximately two weeks ago, Mr. Eskridge, CE, reported by phone the following beta sampling results:

- Stack and Stach Scrubber
10⁻⁶ of 1% of MPC
- New Rock
7 pCi/gram (background)
- Used Rock
4 to 25 pCi/gram plus background
- Dust from Used Rock
90-199 pCi/gram (no alpha on rock)
- No change in beta after 1 hour @ 400°F
No beta in water after 24 hours
- Wet Recovery Filtrate
.2 to 12.6 mCi/250kg U; a lot of scrap

PRINCIPAL STAFF	
RA	ENF
D/RA	SCS
A/RA	PAO
DPRP	SLO
DRMA	RC
DRMSP	
DE	
ML	
OL	FILE

This data was obtained following the telecon between Mr. Rode, CE, and yourself several weeks ago. CE plans no further action on Tc beta analysis.

Original signed by
George H. Bidinger

G. H. Bidinger
Uranium Process Licensing Section
Uranium Fuel Licensing Branch
Division of Fuel Cycle and
Material Safety

R-4

JUL 18 1983

OFFICE	FCUP <i>9/1/83</i>	FCUF <i>VL</i>					
SURNAME	GHBidinger	dp. VLTharpe					
DATE	7/17/83	7/17/83					