

# RETURN TO 396-SS

40-8801

PDR



Oak Ridge  
Associated Universities Post Office Box 117  
Oak Ridge, Tennessee 37831-0117

Manpower Education,  
Research, and Training  
Division

July 14, 1986

Dr. Germain LaRoche  
Uranium Fuel Licensing Branch  
Division of Fuel Cycle and Material Safety  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555



Subject: REANALYSIS - WELL 80, WEST LAKE LANDFILL

Dear Dr. LaRoche:

As indicated in my letter of July 3, 1986, the sample from well 80 at the West Lake Landfill was being reanalyzed because of the large discrepancy between gross alpha and isotopic concentrations. Reanalysis provided the following results:

gross alpha	$0.4 \pm 1.0$ pCi/l
gross beta	$3.2 \pm 1.6$ pCi/l
U-total	$2.2 \pm 0.9$ pCi/l
Th-228	$0.3 \pm 0.4$ pCi/l
Th-230	$0.0 \pm 0.0$ pCi/l
Th-232	$0.1 \pm 0.1$ pCi/l

A careful review of our laboratory documents suggests that results for a sample from a different site were erroneously assigned to the sample from well 80, due to an encoding error. The results from reanalysis are more internally comparable and consistent with what, I believe, would be expected in water from that well location.

If you have any questions, please contact me at FTS 626-3305.

Sincerely,



*James D. Berger*

James D. Berger  
Program Manager  
Radiological Site Assessment Program

JDB/sjf

Enclosures

cc: W. Crow - NRC/NMSS  
S. Banerji - University of Missouri (Columbia)

**FEE NOT REQUIRED**

8608040395 860714  
PDR ADDCK 04008801  
C PDR

27235

DOCKET NO. 40-8801  
CONTROL NO. 27235  
DATE OF DOC. 07/14/86  
DATE RCVD. 07/23/86  
FCUF ☒ PDR ☒  
FCAF ☐ LPDR ☐  
I & E REF. ☒  
SAFEGUARDS ☐  
FCTC ☐ OTHER ☐  
DATE 7/23/86 INITIAL CEC