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PDR



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Manpower Education,
Research, and Training
Division

July 3, 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: ADDITIONAL ANALYSES - WEST LAKE LANDFILL WELLS

Dear Dr. LaRoche:

Enclosed are the results of additional analyses, performed on well water samples, collected May 7 and 8 at the West Lake Landfill. Because the uranium was essentially in natural isotopic abundancies, a total uranium concentration is provided, rather than individual isotope values. Disequilibrium in Th-228 and Th-232 was noted. I do not see any distinct pattern in these results; maybe the University of Missouri staff can come up with one. I am suprised by the elevated concentrations to the south of the Landfill. Reanalysis is being performed on the sample from Well 80, and I will provide results when available.

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

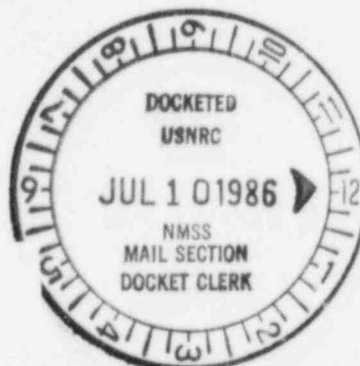
Sincerely,

James D. Berger
Program Manager
Radiological Site Assessment Program

JDB/sjf

cc: W. Crow - NMSS
S. Banerji - University of Missouri (Columba)

Enclosures



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