



IN REPLY REFER TO

# United States Department of the Interior

GEOLOGICAL SURVEY  
Box 25046  
Denver Federal Center  
Denver, Colorado 80225

August 16, 1979

Director  
U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive  
Suite 1000  
Arlington, Texas 76012

Subject: IE Bulletin No. 79-19 - Low-Level Radioactive Waste Shipments

In compliance with IE Bulletin No. 79-19 dated August 10, 1979, the following information is submitted.

- 1) Two (2) shipments of low-level radioactive waste were made from our facility. The shipments consisted of a total of eighteen (18) 55-gallon drums (135ft<sup>3</sup>).
- 2) The total quantity of radioactive material shipped was 157.1 mCi. The major isotopes present were Na-24, Cs-137, Cr-51, H-3, C-14, Fe-55, and Fe-59.
- 3) Yes, liquid low-level waste was generated. The liquid was poured into plastic lined 55-gallon drums containing diatomaceous earth.

This radioactive waste was generated under the following licenses issued to the U.S. Geological Survey: R 113, 5-1399-8, SNM 111, and SMB 237.

Sincerely,

  
Albert P. Marranzino  
Reactor Administrator

cc: Office of I & E  
Washington, D.C.

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