



Department of Energy  
National Waste Terminal  
Storage Program Office  
505 King Avenue  
Columbus, Ohio 43201

WM DOCKET CONTROL  
CENTER

'83 DEC 20 A11:04

WM Docket File  
106

WM Project 16  
Docket No.

PDR ✓

LPDR ✓

Distribution:

H 502 / D 001

(10 to WM, 613-SS)

15

December 15, 1983

Hubert Miller  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Dear Mr. Miller:


SUBJECT: REQUEST FOR FURTHER SPECIFICATIONS ON BENCHMARK PROBLEMS  
INCLUDED IN NUREG/CR-3097

As part of benchmarking and baselining of the hydrologic flow, heat energy and mass transport, and radionuclide transport codes, the benchmark problems specified in NUREG/CR-3097 are being considered. We understand that for NRC, GeoTrans, Inc., as a subcontractor to Teknekron Research, Inc., has developed further specifications for the salt related benchmark problems. It would be appreciated if GeoTrans, Inc. were requested to provide us the following:

- (1) Type input and output data base for each flow and salt related benchmark problem;
- (2) Magnetic tapes of the input and output file of the codes (e.g., SWIFT, FMWATER) which are available at PNL.

This information will be useful to reduce duplication of effort and improve benchmark problem specification and application.

Sincerely,

  
J. O. Neff  
Program Manager  
NWTs Program Office

NPO:LAC: 0662A

cc: R. Johnson, NRC  
D. Fehringer, NRC  
M. Frei, DOE-HQ

ST# 159-84

8401300043 831215  
PDR WASTE  
WM-16 PDR

2706