Name	Approved	Date
LS Prater (author)	LSP	5-2-84

Project Number

Internal Distribution

DW Dragnich
PA Eddy
MJ Graham
CT Kincaid
PJ Mitchell
LS Prater
JR Raymond
AE Reisenauer
LL Wendell
FILE
LB

Date May 2, 1984

To JA Stottlemyre

From PE Bramson P. Bramson

Subject Emergency Modeling Agreement

We have reviewed the memo sent by P. J. Mitchell, A. E. Reisenauer, and C. T. Kincaid to L. S. Prater concerning the response of the Geosciences R&E Department to emergency modeling requests. That memo indicated that modeling work would begin within 24 hours after a request is received, and that a flow analysis and a solute transport analysis would be completed within 12 hours after the start of work. Total time for completion of the work would therefore be 36 hours. We would prefer that the modeling work be initiated as soon as possible after receipt of a request and that the analysis be completed within 24 hours instead of 36. The 12-hour difference could really be crucial during an emergency.

We were pleased to receive your suggestions concerning activities that are needed to improve the emergency modeling response. Preparation of input files and initial calibration for the most likely areas of concern onsite seems to be a good idea, and we would like to meet with you and the modeling staff to find out what level of effort and funding would be required for this work. We would also like to discuss possible improvement of PNL's modeling capabilities for the unsaturated zone.

PEB:gd

2AJBH000)0