Pam Mitchell has indicated to me that the Geosciences Department is currently (at our request) reviewing the emergency modeling agreement. We should hear something about this very soon.

The data base maintenance staff is developing a method that will be used to check the analytical results received from the laboratory against the master sampling schedule and the trip reports to ensure that we receive results for all ground-water samples that are collected.

The modeling staff in the Geosciences Department has chosen to prepare another code for use in simulating tritium transport in the unconfined aquifer rather than "dusting off" and updating the MMT model. They believe that commercially-available codes are better documented and run more efficiently than the MMT. Also, many of the commercially-available codes are already "coupled," which means that they simulate both flow and transport. Continued use of the MMT would require coupling with the VTT flow model, which is a more difficult task than using a coupled model. Therefore, they have chosen to use the Coupled Fluid, Energy and Solute Transport (CFEST) code (which was, by the way, developed by staff members in the Geosciences Department). CFEST will be used on the VAX computer to simulate two-dimensional, ground-water flow and solute transport. The VTT flow model will be maintained on the PDP 11/70 computer for rapid flow analyses and for use of the computer scope for viewing pathlines.

LSP:gd