MEMORANDUM

DATE: December 22, 2000
TO: Mal Murphy [malmurphy@home.com]
CC: Danielle Fife [dfife@nrff.com]
RE: SATURATED ZONE FLOW & TRANSPORT AMR Reviews
    Saturated Zone Colloid-Facilitated Transport
    ANL-NBS-HS-000031

Key Items are:

1. No actual alluvial characterization exists for YMP, so used analogues (p. 7, Section 1, paragraph 3; Table 2, last section on p. p. 13; p. 28, Section 6.2.1). The assumed grain size and porosity distributions should be compared to EWDP #19D and 19P results for validation.

2. Table 2, first section on p. 13. Infers different pathways in Bullfrog Tuff tracer test resulted from density effects in the wellbore rather than “natural phenomena”. This should be reviewed.

Document Reference No.: 00DC069.DOC