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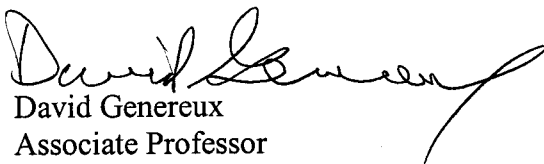
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February 21, 2005

R. Bruce Vogelaar  
Associate Professor of Physics  
313 Robeson Hall, Virginia Tech  
Blacksburg, VA 24061

Dear Bruce,

I'm writing concerning my interest in the Kimballton DUSEL S-2 proposal you are submitting to NSF. I am a hydrogeologist and feel that the Kimballton site would offer a unique opportunity for observations and measurements at depths and under conditions which are not generally available to hydrogeologists. The access offered would be useful for studies of rock hydraulic properties (permeability, porosity, specific storage) and related properties/characteristics (stress, fracture aperture/spacing/connectedness, anisotropy), potentially at different scales and in different places (to address heterogeneity). This could present a valuable opportunity to expand hydrogeologic understanding currently based on information obtained closer to the land surface and from limited boreholes. The information obtained could be broadly useful to fundamental questions about fluid circulation deep in the crust and its geophysical and geochemical implications. I am hopeful your proposal will be successful, I am interested in the research possibilities it would open up. Best regards,

  
David Genereux  
Associate Professor