Issues, 6: 1.25-T Solenoid Around RF Cavity

- Present plan: use PEP-4 TPC superconducting solenoid (Mike Green, LBL).
- Use 100-W LHe refrigerator from E-850.
- Need DC transition magnet to protect the superconducting magnet from quenching during pulsing of the 20-T magnet (Bob Weggel).
- Need end plate steel and/or bucking coils to complete the isolation of the superconducting magnet.
- The magnet fringe fields will extend a considerable distance.