Dr. D. F. Hollenbach

Research interests include the development and implementation of calculational methods using Monte Carlo Transport theory emphasizing the area of criticality safety. Current research activities include the development and enhancement of neutral particle transport computer codes at ORNL (e.g. KENO-VI, CENTRM, CSAS, etc.). Dan occasionally performs code and cross-section validation studies, and criticality safety analyses of systems containing fissile material. Side interests include naturally occurring fissile material systems and their effects (the OKLO reactor and deep-Earth reactors) and the production and distribution of fissile material in cosmic systems (production in stellar events and distribution in comets and asteroids).