

Biographical Information for William G. Halsey

William (Bill) G. Halsey leads the Fuel Cycle 'Back-End' and International Repository activities in the Fission Energy and Systems Safety Program at Lawrence Livermore National Laboratory. He received a Ph.D. in Nuclear Engineering (Materials) from the University of Michigan (1980) and MSE degrees in both Nuclear and Material Science. At LLNL, he has worked extensively on the engineered barrier system for the Yucca Mountain Project. Contributions include: lead author of the waste form performance section of the recent Viability Assessment, served as Technical Area Leader for EBS Performance Assessment, lead the container material selection process for the YMP conceptual design and was a contributing author to the YMP Site Characterization Plan. Other nuclear material activities have included: Project Leader for Deep Borehole Disposal of excess fissile materials, contributed to the ATW 'Roadmap', and material radiation effects studies. He also worked for seven years in the Laser Fusion Program, as Group Leader for Target and Materials Characterization and Task Leader for experimental targets on the NOVA laser. Bill is currently involved in international collaborations with Russian Institutes in the area of fissile material disposition and repository studies and with Japanese Institutes in the area of repository studies.