

Tim McCartin

Mr. McCartin is the Senior Level Advisor for Performance Assessment in the Division of Spent Fuel Management at the U.S. Nuclear Regulatory Commission (NRC). Since joining the U.S. Nuclear Regulatory Commission, Mr. McCartin has been involved, with increasing levels of responsibility, in the development and application of (1) performance assessment approaches and computational tools for evaluating the safety of storage and disposal of high-level radioactive waste and spent nuclear fuel and (2) national and international regulations for geologic disposal. In his current position, Mr. McCartin is responsible for ensuring technically sound performance assessment approaches and concepts are implemented at the NRC in the review of license applications of waste management facilities and the development of performance assessments of waste management facilities. He has participated in international model validation activities for hydrogeologic flow and transport models used in performance assessment and served as the technical lead for development of the NRC's total system performance assessment code (TPA) for evaluating performance of deep geological disposal of spent nuclear fuel. More recently, Mr. McCartin has been involved with the evaluation of (1) the performance the disposal of Greater-than-Class-C (GTCC) low-level radioactive waste in a potential near surface disposal facility and (2) approaches and information used in probabilistic risk assessments for the storage of spent nuclear fuel in dry casks.