

# **Exhibit 1**

## **Curriculum Vitae of William Hennessy**

Mr. Hennessy has 30 years of experience in nuclear project management and engineering. Currently, he is Assistant Project Manager for the Private Fuel Storage Facility (PFSF) project where his duties include providing the day-to-day project direction for engineering, radiological analysis, licensing, estimating, contract administration, controlling project costs, and scope change control. Concurrently, he is the Licensing Manager for Stone & Webster's Independent Spent Fuel Storage Installation (ISFSI) projects. In addition to PFSF, other ISFSI projects include Maine Yankee and Indian Point-2. Responsibilities encompass developing the licensing strategy and preparation of the required documentation for NRC, state, and local license/permit applications. NRC licensing activities include ensuring that all the required reports, studies, investigations, and calculations are prepared in accordance with the conditions of 10CFR72 and working with the NRC in resolving comments developed during their evaluation of these documents.

Previously, he was the Lead Nuclear Safety/Environmental Engineer for the design of the Actinide Packaging & Storage Facility Project for the DOE Savannah River Site, having responsibility for the following areas: radiological shielding and safety analysis, criticality, environmental effluent monitoring and permitting, radwaste management, health physics lab/operation, emergency planning, design process hazards review, functional classification of SSCs, radiation monitoring equipment, and industrial safety. Mr. Hennessy also managed and performed nuclear safety analyses for ongoing tasks for the DOE Rocky Flats site, eg, performing a radiological risk assessment for plutonium residue process streams, managing the preparation of the Conceptual Safety Report for the Interim Storage Vault, performing radiological dose analyses for wet combustible, and related safety assessments.

Previously, he supported the Department of Energy at the Savannah River Site on several contracts in performing engineering/safety analysis reviews and developing engineering assessments. For the DOE-SR Reactors contract as Deputy Project Manager, he managed the day-to-day operations of the project, including providing technical support services for the SRS reactors and associated site facilities and programs. The emphasis was in upgrading the reactor facility conduct of operations to be comparable with the NRC licensed nuclear facilities. He also was the Engineering Manager for the Aiken Office and provided support for S&W's High Level Waste Project in performing engineering/safety analysis reviews.

He was responsible for the technical and administrative direction of the Nuclear Technology and Licensing Division for the Stone & Webster Cherry Hill, NJ office. Areas of responsibility included thermal-hydraulic and radiological safety analyses, safety system design, safety analysis report preparation, NRC licensing, radiological shielding, probabilistic risk assessment, radwaste, and emergency planning. In addition, he has managed safety analyses studies, hazard and operability studies, fault tree analysis, and emergency planning work for the chemical and petro-chemical industries.

Prior to that, he was responsible for supervising and performing safety analysis, licensing, and engineering design for the commercial nuclear power industry. His formal education includes a Master of Science in Physics from Lynchburg College and a Bachelor of Science in Mechanical Engineering from Drexel University. He is a registered Professional Engineer in the States of Pennsylvania and South Carolina, and has numerous publications dealing with nuclear safety analyses.