

NE-22-28755 TVA Siting Study

Tennessee Valley Authority (TVA) is a corporate agency and instrumentality of the U.S. government, located in Chattanooga, Tennessee with the purpose is to address issues in energy, environmental stewardship, and economic development in the Tennessee Valley Region. TVA provides electricity for 153 local power companies serving 10 million people in Tennessee and parts of six surrounding states as well as directly to 57 large industrial customers and federal installations.

TVA has begun planning an Advanced Nuclear Program and is beginning to study future deployment of advanced nuclear reactors (ANRs). This project will screen the TVA service area to help determine suitable sites for future ANR deployment.

TVA will work with Oak Ridge National Laboratory (ORNL) subject matter experts and the Oak Ridge Siting Analysis for power Generation Expansion (OR-SAGE) tool to assist in defining suitable candidate sites for ANR development.