

Defense Board Comments

- ATVG represents the more than 500 local governments in the TVA ^{SEVEN} state service region.
- Our Board consists of representatives from 5 states including Roane County Executive Ron Woody, Kingston Mayor Troy Beets and Cocke County Mayor Vaughn Moore. Each of these 3 officials have Y-12 workers in their communities.
- Obviously, local government officials support any high-tech project that creates good jobs, however, that is not the purpose of this session...its focus is safety and that is what I would like to share with you.
- In July 2011 the ATVG Board passed a resolution in support of nuclear energy. This was at a time when TVA was considering restarting construction of its Bellefonte Nuclear Plant.
- In May 2012 the ^{ATVG} ~~SMR~~ Board passed a resolution in support of small modular reactors specifically supporting the proposal submitted to DOE for SMR at the Clinch River Breeder Reactor site.
- When addressing issues related to nuclear energy, nuclear fuel, nuclear reactors, nuclear materials, nuclear weapons components, or nuclear waste...there is always a great public concern for safety.

• No industry is regulated as rigorously as the Nuclear Industry.....and as you well know there is a reason for this level of regulation.

• Any nuclear-related safety incident sends ripples worldwide. The impact of **Fukushima Dai-ichi** (*dai-ichi* means "number one"), half way across the world was felt globally by the nuclear industry.

• Safety must be of paramount importance in the conduct of operations at the Y-12 National Security Complex and as the facilities that house these operations continue to age decade after decade, safety will eventually become a concern. And any safety-related incident in any nuclear facility erodes public confidence in all nuclear facilities.

• The Uranium Processing Facility (UPF) under design for the Y-12 Complex is a sound economic investment for the U.S. taxpayer. Over its lifetime, UPF will reduce operational cost for uranium processing activities. The UPF will also provide a safe working environment for the Y-12 workforce over the next 50 years.

• The construction of the Highly Enriched Uranium Materials Facility was a major accomplishment. The UPF will continue a modernization effort that will make Y-12 an economically efficient and extremely safe complex.

**ASSOCIATION OF TENNESSEE VALLEY GOVERNMENTS
BOARD OF DIRECTORS
RESOLUTION OF SUPPORT FOR
TVA SMALL MODULAR REACTORS**

WHEREAS, the Association of Tennessee Valley Governments (ATVG) represents more than 500 local governments within Tennessee Valley River Counties who closely monitor issues associated with the Tennessee Valley Authority (TVA); and

WHEREAS, the United States Department of Energy (DOE) and the TVA have had a significant impact on local cities, counties, and the nation with the development of advanced technologies; and

WHEREAS, the Oak Ridge DOE facilities are large consumers of TVA power which is currently heavily supplied by fossil fuels; and

WHEREAS, the Oak Ridge DOE facilities desire to move toward “green energy”; and

WHEREAS, Small Modular Reactors (SMRs) have the potential to provide the United States clean, safe, cost-effective energy and create jobs and spur economic development; and

WHEREAS, the TVA owns property adjacent to the DOE Reservation which was previously approved for the construction of the Clinch River Breeder Reactor, an energy project which was cancelled in the early 1980’s; and

WHEREAS, TVA has expressed its desire to use its Clinch River Breeder Reactor property (previously approved as an energy site) along with power distribution lines which are located on adjacent property, for consideration as a location for a SMR; and

WHEREAS, TVA has partnered with Babcock and Wilcox (B&W) for the development of the SMR using B&W mPower reactor technology; and

WHEREAS, the proposed site is in a region which has citizens who have supported and worked in and around the nuclear industry for decades and have the employee workforce and skill set to support this project successfully;

NOW, THEREFORE, BE IT RESOLVED, that the ATVG supports TVA in its submission to the DOE for the development, construction, and operation of a SMR to be based on TVA property known as the Clinch River Breeder Reactor Site in Roane County, Tennessee.

BE IT FURTHER RESOLVED, that AVTGV will work with the TVA and any of its partners and affiliates to assist in bringing SMR’s to the Tennessee Valley.

Approved by the ATVG Board of Directors May, 2012

Association of Tennessee Valley Governments
Board of Directors
Resolution
Support of Nuclear Energy

Whereas, the Association of Tennessee Valley Governments (ATVG) represents local governments within more than 200 Tennessee Valley River Region Counties which closely monitor issues associated with the Tennessee Valley Authority (TVA); and

Whereas, ATVG has reviewed issues related to the nuclear power production and its impacts on the Tennessee Valley and nation; and

Whereas, demand for electrical power within the TVA power service area has increased by an average rate of 2.3 percent per year from 1990 to 2008 and, although the recent economic recession has slowed load growth in the short term and added uncertainty to the forecast of power needs, future power needs are projected to grow at a rate that requires additional generating capacity; and

Whereas, public policy and EPA regulation will likely limit carbon emissions allowed from future electric power generation sources; and

Whereas, nuclear power plants produce baseload electricity with minimal environmental impact, and can help the United States reach its goal of reduced air pollution and lower greenhouse gas emissions while simultaneously increasing electrical generation; and

Whereas, more than 100 operating nuclear power plants in the United States provided more than 800 billion kilowatt-hours of electricity to consumers in 2010, providing 20 percent of the nation's total electrical energy supply; and

Whereas, nuclear energy products create thousands of construction jobs and hundreds of long-term skilled permanent jobs, bringing an economic benefit to local communities throughout the Tennessee Valley; and

Whereas, the ATVG believes that the generation of nuclear energy is a safe, low cost, emission-free energy source for use by the residents of the Tennessee Valley; and

Whereas, the ATVG supports the efforts of the Tennessee Valley Authority and other energy utilities nationwide to complete existing nuclear power and pursue new nuclear generation,

Therefore be it resolved that ATVG supports the development and implementation of nuclear energy within the Tennessee Valley and throughout the United States; and

Be it further resolved that ATVG will work with the Tennessee Valley Authority and any of its partners and affiliates to assist in bringing additional nuclear energy capacity to the Tennessee Valley.

Approved by the ATVG Board of Directors

July 29, 2011


Secretary ATVG
Frank McKee