# Risk-Informed Technical Specifications Initiative 5b (TSTF-425)

Risk-Informed Technical Specifications (RITS) Initiative 5b, implemented via license amendment specified in traveler TSTF-425, allows a utility to relocate surveillance test intervals (STI) or surveillance frequencies (SF) out of Technical Specifications (TS) into a plant-controlled program. After this, the utility can make changes to the STIs without prior NRC approval using a risk-informed process. The process is delineated in NEI 04-10 Rev. 1. Flexibility in test frequency allows the plant to extend and optimize the test frequency of equipment, reducing costs while maintaining equipment reliability. This initiative enhances nuclear safety by reducing equipment wearout due to excessive testing, and reducing opportunities for human error during testing and realignment after testing.

EPM engineers have significant experience in the development and implementation of RITS Initiative 5b, including the original NRC licensing of the methodology (document NEI 04-10) and pilot plant, and the development of license amendment requests for utilities. As an active member of the RITS Task Force, EPM is involved with ongoing issues associated with initiative 5b.

EPM can provide support for all aspects of development, licensing, and implementation of TSTF-425:

- *License Amendment Request development, response to RAIs*
- *Program and implementation procedures development*
- *Training program development and delivery (Plant Staff, IDP)*
- *Plant-specific assessment for opportunities to proactively use program for cost savings, outage scope reductions, and plant safety enhancement*
- *Development of documentation packages for IDP for extension of STIs*

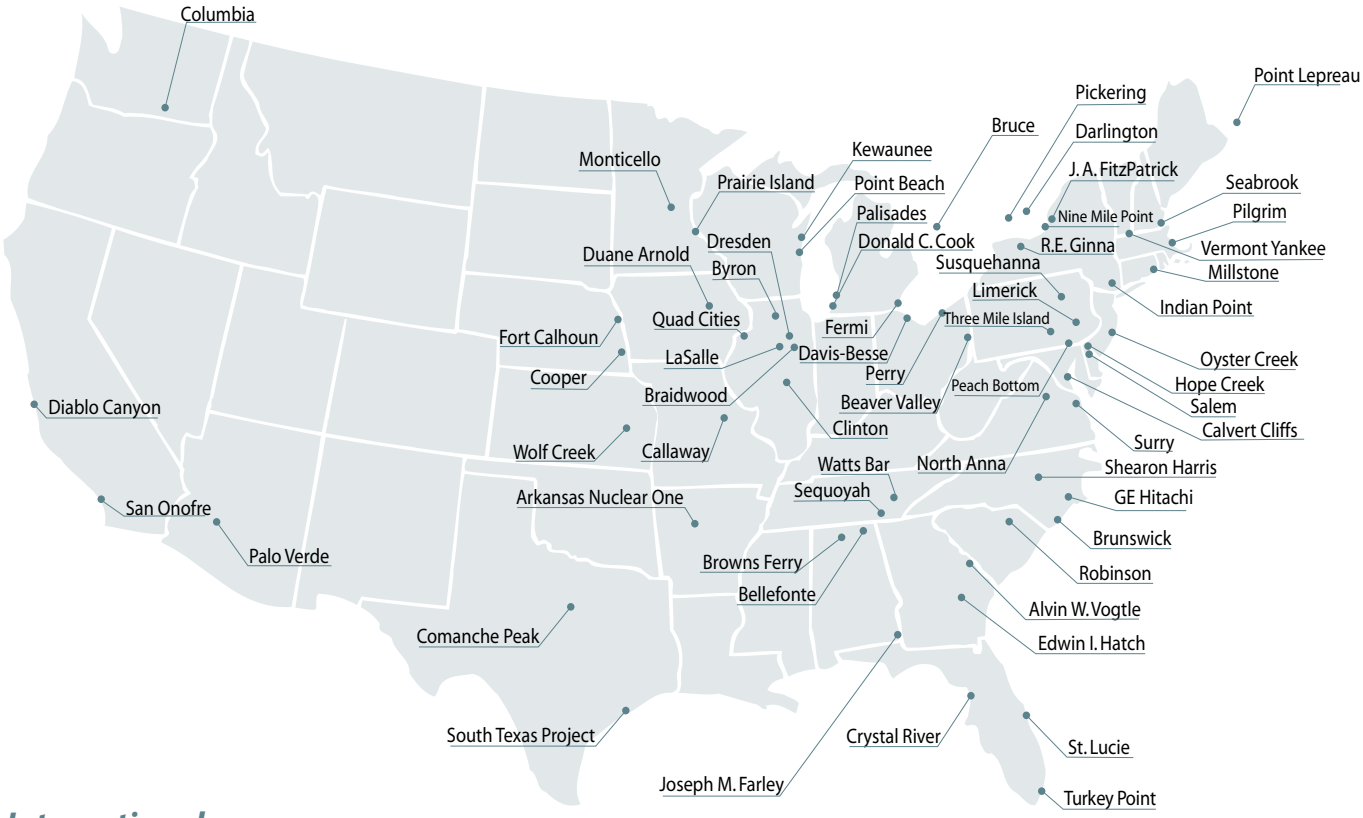
Our services can be customized to address your unique needs through the development of specific engineering solutions for your facilities and circumstances.

EPM an ONET company
Engineering Planning and Management, Inc.

In addition to nuclear and fossil utilities, EPM's clients include architect/engineering firms, federal agencies, educational institutions, and other consulting firms as well as a number of commercial companies.

## *Domestic Nuclear Power Plants*

EPM has provided support to over eighty percent of utilities in the United States and ninety percent of utilities in Canada.




## *International*

Assisted nuclear plants in:

- **Armenia**
- **Canada**
- **Korea**
- **Japan**
- **Russia**
- **Spain**
- **Ukraine**
- **United Kingdom**

Assisted Nuclear Regulatory Agencies in:

- **Armenia**
- **Canada**
- **Russia**
- **Ukraine**
- **United States**
- **International Atomic Energy Agency (IAEA)**

*For more information contact Bruce Morgen, P.E., Director of PRA and Risk Informed Initiatives, bxm@epm-inc.com.*

EPM an ONET company
Engineering Planning and Management, Inc.