

**SAES ST 909 GETTER TESTING AT THE
SAVANNAH RIVER NATIONAL LABORATORY**

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Tritium process streams contain various impurities which require processing prior to purification, isotopic separation, or waste gas purging to the atmosphere. Tritiated methane in waste gas streams can significantly increase emissions from facilities unless adequately processed. SAES St 909 has been tested at the Savannah River National Laboratory (SRNL) to determine its methane cracking performance with various carrier gases and impurities. Results from bench scale (10 pellet/6 gram) tests, pilot scale (500 gram) tests, and full scale (5300 gram) tests, will be presented.