



# Science & Technology Research, Inc.

Our U. S. Mail Address is:

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10300 Spotsylvania Ave., Ste. 220  
Fredericksburg, Virginia 22408

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April 11, 2006  
06-02

*MS16  
J-6*

Licensing Assistant Section  
Nuclear Materials Safety Branch  
U.S. Nuclear Regulatory Commission, Region I  
475 Allendale Road  
King Of Prussia, PA 19406-1415

RECEIVED  
REGION I  
2006 APR 13 PM 1:06

Ref: Mail Control Number 138-515, Materials License No. 45-25504-01  
Subj: Telephone request for "leak test results"

*03035298*

Dear Sir:

Science & Technology Research, Inc. submitted NRC Form 314 Certificate of Disposition of Materials dated February 27, 2006. Subsequent to that submission we were contacted and asked to submit copies of the "leak tests" performed on the material.

Science & Technology Research, Inc. was never in possession of any material that was not sealed source and installed in exempt end items that were shipped to us in the clear from the vendor, either Powertronic Systems Inc. or General Dynamics Armament and Technical Products (formerly Technical Products Group, Inc. Intellitec Division).

The sealed sources were installed in end item dual drift tub assemblies by the vendor prior to being shipped in the clear to STR and according to the Registry of Radioactive Sealed Sources and Devices Safety Evaluation of Device No. NR-1167-D-101-E the leak test frequency is "None", and no tests were conducted by Science & Technology Research, Inc.

Leak tests of the source material were conducted at the vendor's facility prior to production of the dual drift tube assemblies. The assemblies were then shipped in the clear to Science & Technology Research, Inc., and were installed in the Shipboard ACADA final assemblies and shipped to Naval Surface Warfare Center, Crane, Indiana. The Shipboard ACADA final assemblies were then leak tested by the U. S. Navy as part of the acceptance procedure. None of the units were ever rejected by the U. S. Navy because of radiation leakage.

Based on these facts, Science & Technology Research, Inc. was not required to maintain any records for decommissioning.

If you have any other questions or require additional information please contact me at (540) 834-4869 or email to [jamsbaugh@technestsupport.com](mailto:jamsbaugh@technestsupport.com)

Sincerely,

  
James C. Amsbaugh  
Facilities Manager  
Science & Technologies Research, Inc.

*138515*

NMSS/RGN MATERIALS-002