



**Completion of SRNL Milestone M4FT-12SR0805071, SRNL Support
Engineered Material Experimental**

Dennis Vinson to: Patricia02 Smith

09/27/2012 01:18 PM

re: Closure Document for ST Engineered Materials Experimental - SRNL
Work Package: FT-12SR080507
WBS: 1.02.08.05

This email is to report that SRNL milestone M4FT-12SR0805071, SRNL Support to Engineered Material Experimental Work Package, has been completed.

The following activities were supported under this WP, and the closure statement for each is listed:

1. Support Fuel Workshop and Test Plan Development - SRNL (Ron Kesterson and Bob Sindelar) participated in the workshop led by PNNL (Brady Hanson) to review the fuel initial condition features, changes in core, drying effects, and degradation phenomena in dry storage to support the development of fuel testing plans. SRNL (Kesterson) secured full length ZIRLO tubing (presently in storage at SRNL) for program test needs.
2. ADDED ACTIVITY - Fuel Characterization Post-Discharge - SRNL (Ron Kesterson and Bob Sindelar) drafted a report that provides a description of the fuel condition following discharge and drying (the "time zero" condition) for the range of fuel claddings and burnups from the U.S. commercial reactor history that are in or destined for dry storage. The report will be completed in FY13.

Thank you,

Dennis Vinson for SRNL

Dennis Vinson

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