

**CRCPD's Committee on Radioactive
Waste Management**
Conference of Radiation Control Program Directors, Inc.
A Partnership Dedicated to Radiation Protection

December 3, 2008

Mr. Douglas W. Akers
Senior Advisory Scientist
Idaho National Laboratory (INL)
P.O. Box 1625
MS 2114
Idaho Falls, ID 83415

Dear Mr. Akers:

This is in reference to your request of The Conference of Radiation Control Program Directors (CRCPD) E-5 Committee on Radioactive Waste Management to provide concurrence and approval of INL technical review of Diversified Technologies System's (DTS) Advanced Polymer Solidification (APS™) binder in lieu of the USNRC-approved VES binder in the ENCAP™ process for encapsulating or entombing filters, tools, and other large scale objects. It is understood that the E-5 Committee has provided previous approval of an INL independent technical review of the APS LLRW binder technology on May 30, 2003.

The Committee and Technical Support Advisors have witnessed a bench-scale demonstration of this proposed encapsulation matrix, reviewed your submittal and additional information provided, as requested, in support of your independent technical review. The Committee hereby provides concurrence that the APS waste form characteristics meet those of the USNRC approved VES binder and also meets applicable provisions of USNRC Branch Technical Position requirements. Please be advised that this concurrence does not abrogate the authority of States or Federal facilities with regulatory authority concerning the acceptance of waste forms at their respective disposal facilities.

Should you have any questions, please feel free to contact me.

Sincerely,



Mark A. Yeager, Chairperson
CRCPD E-5 Committee on Radioactive
Waste Management

E-5.120308

MAY/

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