

WM2013 Conference Panel Report

PANEL SESSION 41: Nuclear Power Plant Waste Management – LLW Processors' Issues

Co-Chairs: Mark Lewis, *EnergySolutions*
Mark Carver, *Entergy Services, Inc.*

Panel Reporter: Clint Miller, *EnergySolutions*

Panelists:

1. **Steven Jameson**, *Studsvik*
2. **Scott Eckler**, *Alaron*
3. **Troy Eshleman**, *EnergySolutions*
4. **John Hagan**, *Perma-Fix*

About 30 people attended this panel session which focused on the current status of the fixed-base processing facilities in the USA. Each of the four panelists presented their facility's capabilities focusing on changes that have occurred over the last year as an update to waste generators and facility users. This was followed by a question and answer session which included questions on waste attribution through their processing as manifested to the disposal sites. Questions also were fielded by each company about the processing impact of the upcoming BTP on Concentration Averaging.

Summary of Presentations

Steven Jameson identified Studsvik's USA processing facilities in Memphis and Erwin, Tennessee and presented the capabilities of each. He also summarized the capabilities of their facilities in Sweden and other international locations. A key update over the last year included their large component cutting tool that they will use to segment the steam generators that are in storage at their Memphis facility. He also discussed the Semprasafe joint venture with *EnergySolutions* for the management of resins through blending and/or volume reduction.

Scott Ecklar identified Alaron's USA processing facility in Wampum, Tennessee and presented its capabilities. He also discussed Alaron's new ownership by Veoliaes.

Troy Eshleman identified *EnergySolutions*'s USA processing facilities in Oak Ridge and Memphis, Tennessee, and Barnwell, South Carolina and presented the capabilities of each. He discussed the closure of some of the process facilities over the last year and the consolidation and/or relocation of some of the services in order to reduce duplication and unnecessary costs to the company. He also mentioned the Semprasafe joint venture with Studsvik for the management of resins through blending and/or volume reduction; and, the new filter processing service to start up in April, 2013 at the Barnwell Processing Facility where filters will be shredded and homogeneously solidified prior to waste classification over the entire solidified mass.

John Hagan identified Perma-Fix USA processing facilities in Oak Ridge, Tennessee, Richland, Washington, and Gainesville, Florida and presented the capabilities of each. He discussed the teaming arrangement with Kurion for Geo-Melt.

WM2013 Conference Panel Report

Questions and Answers

Mark Lewis asked each processor to address their method of waste attribution, manifesting, and reporting to DOE's MIMS database. This was followed by discussions from the audience and panelists that consumed the remaining panel discussion time. Most processors, especially in Tennessee, where it is a license requirement, attribute the waste form from thermal processes to the processor, manifest with attribution to the processor, and report to MIMS with attribution to the processor. Although, if disposal is at the Clive Site in Utah, a separate spreadsheet is prepared to satisfy a Northwest Compact reporting requirement. It was discussed that through the upcoming NRC changes to the manifesting regulations, maybe the attribution requirements could change in order to better populate the MIMS database.