

WM2009 Conference Panel Report

Session 41

Panel: Nuclear Power Plant Waste Management – LLW Disposal Issues

Panel Reporter – Mark Lewis, *EnergySolutions*

Panellists provided update presentations on the operations, waste acceptance, and license conditions associated with their respective commercial low-level radioactive waste disposal facilities. Following these brief presentations, panellists fielded questions from the audience. Panellists included:

- Jeff Ginsburg, *EnergySolutions*, Clive Site
- David Cronshaw, Waste Control Specialist, Andrews County Site
- Bill House, Chem-Nuclear Systems, Barnwell Site

Jeff Ginsburg, *EnergySolutions* Clive Site, began by briefing the audience about the site layout and the recent capital improvements at the Clive Site, for example rail line extension, metal shredder, full gondola car rotating dump and washdown facility. The many site facility changes will improve disposal and equipment turn-around. License conditions and acceptable waste forms have not changed significantly other than mixed waste macro-encapsulation. The issue of site capacity was addressed. He assured everyone that there is more than enough capacity at the current generation rate well into the future.

David Cronshaw, Waste Control Specialist, Andrews County Site, announced that the Texas Commission on Environmental Quality issued a final license for the near-surface disposal of Class A, B and C low-level radioactive waste ("LLRW") to Waste Control Specialists LLC ("WCS"), a wholly-owned subsidiary of Valhi, at its site in Andrews County, Texas. The license allows WCS to operate a Texas Compact (comprised of Texas and Vermont) LLRW disposal facility and a federal LLRW disposal facility. Final site construction and procedure approval needs to be completed prior to acceptance of waste. The new site license generated a number of questions during the Q&A session. David also discussed waste storage capabilities and it's arrangement with Studsvik for storage of reformed residue from resin processing.

Bill House, Chem-Nuclear Systems, Barnwell Site, discussed the current disposal operations from the Atlantic Compact LLW generators and the ongoing site closure activities. Low waste volumes and the issue of covering operational and infrastructure costs were discussed.