

WM Symposia WM2010 Conference Panel Report

PANEL SESSION 51 – US Nuclear Power Plant Waste Management – LLW Disposal Issues

Co-Chairs: C. Clint Miller, *Pacific Gas & Electric*;
Mark Carver, *Entergy Services, Inc. (USA)*

Panel Reporter – Clint Miller, *PG&E*

Panelists included:

1. William House, *VP Regulatory Affairs, Energy Solutions (USA)*;
2. Steve Romano, *Chairman of the Board, US Ecology (USA)*;
3. Jeffrey Ginsburg, *Energy Solutions (USA)*;
4. David Cronshaw, *VP Business Development, Waste Control Specialists LLC (USA)*

Some 40 people were present to hear this session. Following introductions by the Co-chair, **William House** opened the proceedings providing an update on the Energy Solutions Barnwell, SC disposal site. All the closed trenches have been capped and unused structures removed. Barnwell is collecting a fixed quarterly fee from each of the 13 NPP that still have access to the site.

Steve Romano described the US Ecology sites. The Richland, Washington, site is open for Class A and Class B/C waste but only for the Northwest and Rocky Mountain Compacts (1 NPP-Columbia). The US Ecology Idaho RCRA site has disposed of a larger quantity of low activity waste [from the US Government] than chemical hazardous waste. US Ecology believes the use of RCRA sites for low activity disposal is an asset that can serve the USA and lower NPP decommissioning costs.

Jeffrey Ginsburg's presentation on the Energy Solutions Clive, Utah, disposal site included a TV Commercial about Clive. This was developed to demystify what LLW is and how it is buried at Clive to counter opposition in Utah to disposal of depleted Uranium, Italian decommissioning wastes and blended resin.

David Cronshaw gave a status report on the Waste Control Specialists Texas disposal site. The Texas-Vermont compact disposal unit was recently licensed. This is only the 2nd commercial LLW site to be licensed under 10 CFR 61 (Ward Valley, Ca was 1st but, never opened) in the USA. WCS expects the compact disposal unit to be open March 2011 for both in Compact [Texas and Vermont] and out of Compact waste. WCS is going through cost/pricing review with the Texas-Vermont Compact Commission.