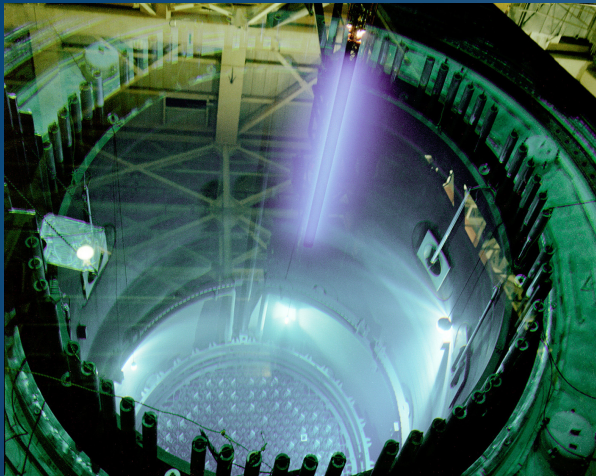




Spent Fuel Pool Cleanup

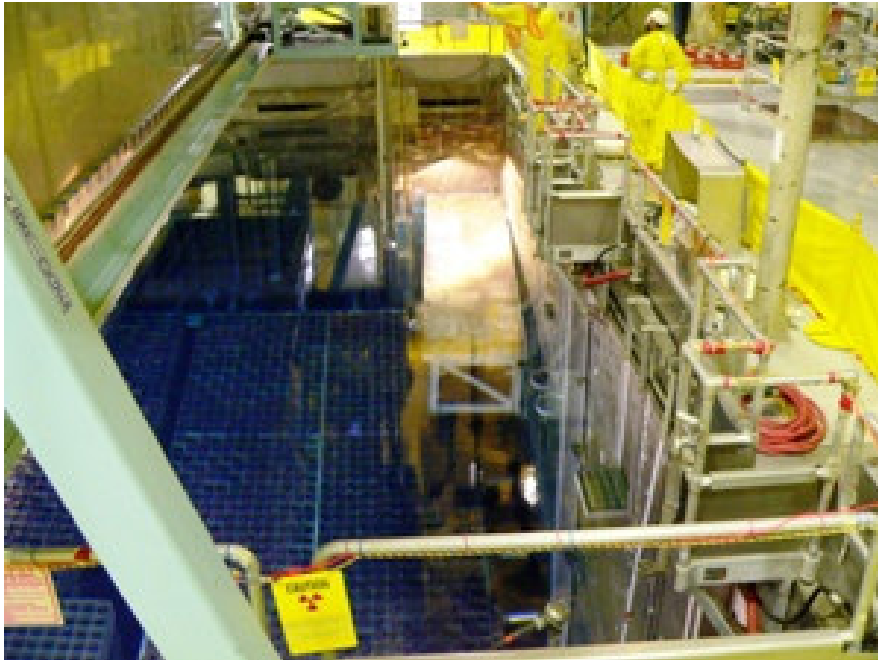


John Suing, Project Manager
March 25, 2009

Scope

- ✦ Remove & Dispose of Irradiated Material Generated as a Result of Operating the Reactor
- ✦ Material Required to be Removed from the Spent Fuel Pool prior to Control Rod Blade Exchange in R-20
- ✦ Project Tasks:
 - ▣ Waste Characterization – (WMG)
 - ▣ Processing & Packaging – (Energy Solutions)
 - ▣ Transportation – (Energy Solutions)
 - ▣ Disposal – (US Ecology - Hanford)
- ✦ Eight Shipments in Total, Scheduled for 1/5/10 → 5/31/10
- ✦ 85 – CRB's ✦ 12 LPRM Cans ✦ ~20 Tri-Nuke Filters

Process - Highlights



Material is currently stored
in the Spent Fuel Pool

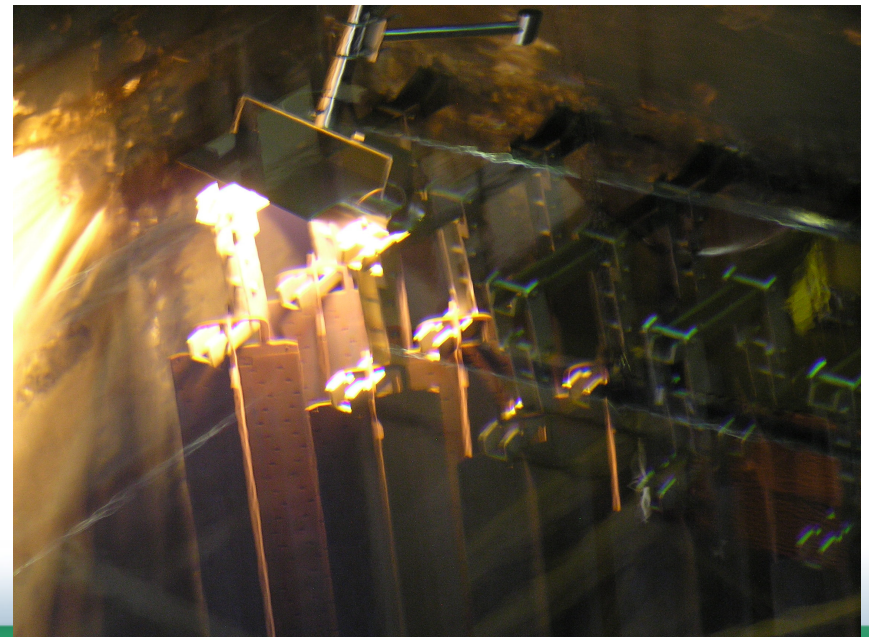


Photo showing a full CRB Rack

Process – Highlights (Con't)



Loading the TN-RAM with crushed CRB's



Transfer the TN-RAM cask to the Trailer



142B Cask ready for shipment to US Ecology



Industry Perspective

- ✦ SFPCU Projects are Routinely Performed at Every Nuclear Station as Necessary part of doing Business
- ✦ The Industry has Recently Faced a Closure of the Barnwell, SC Disposal Area Posing a Problem for Radioactive Disposal
- ✦ At CGS we are Fortunate to have Access to the US Ecology – Hanford Disposal Site



Cost

✦ Major Contracts and Support for Fiscal Year 2010

✦ Energy Solutions	\$ 2,475,000
✦ US Ecology – Hanford	\$ 1,221,000
✦ WMG	\$ 120,000
✦ ENW & Non-ENW Support	\$ 309,000
✦ Total Fiscal Year 2010 Funds	\$ 4,125,000

Issues/Status

- ✦ All Contracts Awarded and in Place
- ✦ No Additional Seismic Analysis needed for Cask Restraint in '09
- ✦ US Ecology Disposal Costs may vary Depending on other Customers Waste Volume in 2010 - \$1.22 Million Estimated

