



SRS Spent Fuel Update



SRS Status

- FRR/DRR
- LTH
- INL/SRS Fuel Transfer
- Issues

- **FY08 Receipt**
 - FRR – 16 casks
 - DRR – 19 casks (3 for decon only)
- **FY09 Planned**
 - FRR – 16 casks
 - DRR – 15 casks
- **5/2019 is end of all receipts**
- **Emerging Issues**
 - Late changes to fuel configuration or description

Start 4/2010 and complete FY2019

FY08 Accomplishments:

Completed C-Area work for Cask and Rail Car Refurbishment

Completed Rail Science Study for Rail Infrastructure

Railroad Improvement Plan Completed and Submitted

Started Railroad upgrades should complete in Early FY09

Design for Casks Mods. is in Progress.

FY09 Plan:

In process of finalizing start date and impacts

SFP Ready in Early FY11 H-Canyon Ready Mid FY11

\$5 Million needed to complete work

FY09 will finish Cask Design and Railroad Project (~\$1Million)

SNF Transfer Project

- Scope Overview
 - Transfer start date 4/2011 - - complete FY2019
 - AI Clad SNF from INL to SRS
 - 1944 EM owned ATR assemblies
 - 410 EM owned MTR assemblies
 - 1608 NE owned ATR assemblies
 - Estimated 146 shipments
 - SS/Zr Clad SNF from SRS to INL
 - 1976 items
 - Estimated 114 shipments
 - Transfers 3QFY11 through end of FY19
- SRS H Canyon processing of AI clad SNF 3QFY10 through end of FY19

SNF Transfer Project

- SRS FY08 Accomplishments

- June 30, 2008 - Preconceptual Design Package completed for modifications required for LWT Cask loading and fuel prep in L Disassembly Basin
 - Project initiation pending FY09 funding decision
- June 30, 2008 - Up-front Planning Study completed for L Area Basin Isolation System (LABIS) to support repackaging of failed fuel and resizing of long elements
 - Scheduled start FY10 pending funding availability
- July 2008 – Initiated licensing process and cask basket design for initial shipping campaign (EBWR to INL, ATR to SRS)
- Early opportunity shipment (26 MTR assemblies) will not be pursued in FY08

ISSUES

- Schedule coordination (SR & INL)
- Funding