



Savannah River Site Status

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National Spent Nuclear Fuel
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Savannah River Site Status



- **SNF Disposition Activities on hold since second quarter 2002**
 - Had been proceeding on treatment facility based on **Melt and Dilute**
- **Second/Third Quarter FY2003 - Site began operation under modified contract with WSRC**
 - Focused on continued receipts and wet storage
 - Little effort on disposition (FY04 only)
 - Focused on consolidation from 3 basins to one
 - Contract through FY2006



K-Area Spent Fuel Storage





K-Basin Status

Mark 16 and 22 fuel was successfully de-inventoried from K-Basin Disassembly in FY02.

Shipments to L-basin and H-canyon

Deactivation was completed in mid FY03.



Receiving Basin for Offsite Fuel (RBOF)





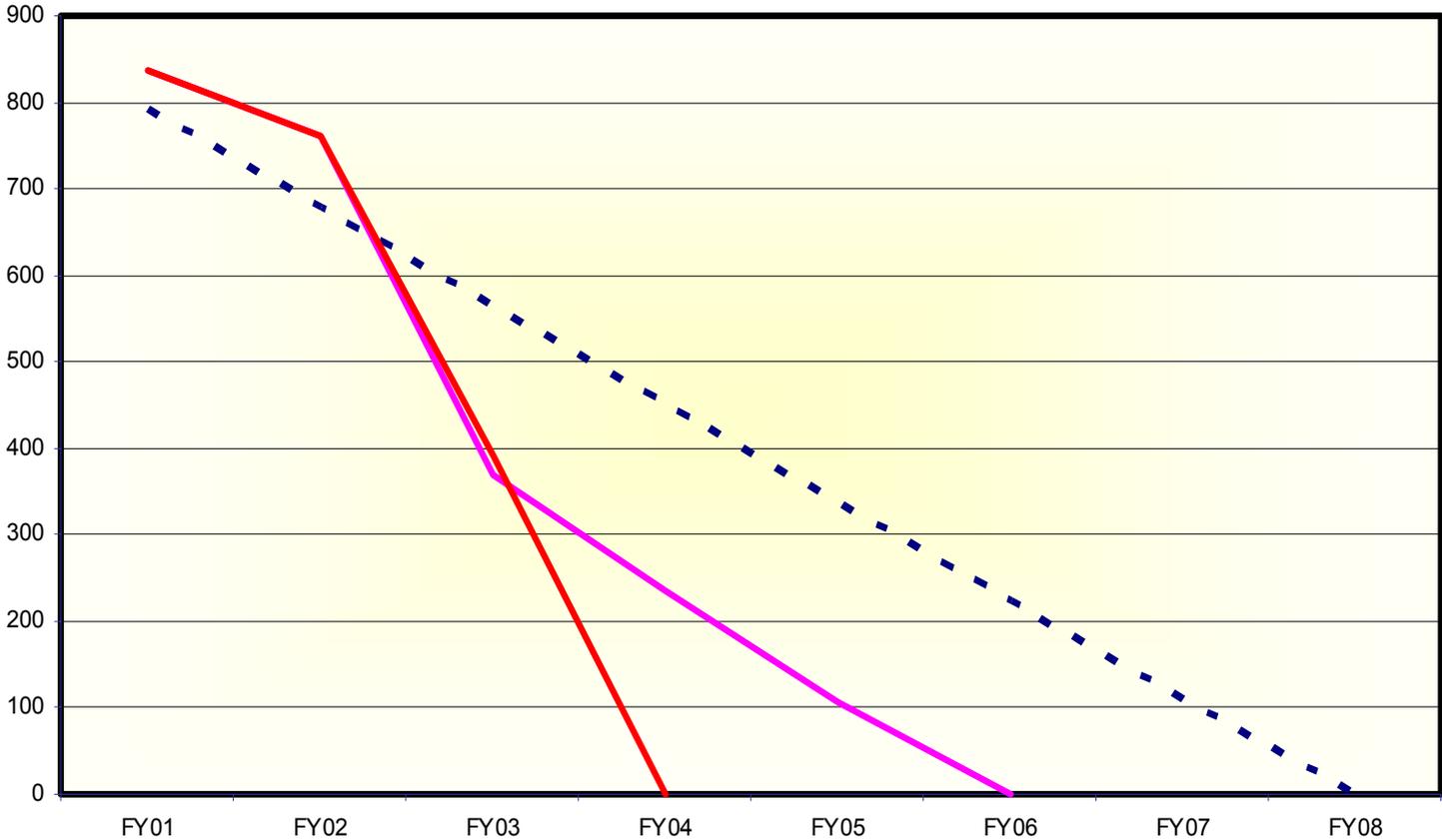
Status of RBOF De-Inventory

All 3800 MTR assemblies de-inventoried

836 Non-MTR assemblies de-inventoried

De-inventory completion – Nov. 2003

RBOF De-inventory Schedule Chart



--- Base — Stretch — Accelerated



Issues

H-Canyon mission complete in the FY2008/2009 timeframe

H-Canyon must remain available until SNF packaging on line

**Earliest SNF Facility could be available – 2011
(based on standard project management flow times)**

H-Canyon costs approx \$100M+/yr to maintain



Path Forward

(assumes outcome of SNF IPT)

Develop Treatment and Storage facility based on Direct Disposal in Standard Canisters

- **Revise pre-conceptual design and obtain CD-0 FY2004**
- **Obtain funding and Develop Conceptual Design in FY2005**
- **Preliminary Design FY2006**
- **Final Design FY2007**
- **Construction FY2009 - FY2011**
- **Commence Operations FY2011**