

Lessons Learned at a Closure Site

The Rocky Flats NMMSS Experience

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Background

- DOE Production Site
- Classified inventory until 2003
- Single RIS for operations
- IAEA RIS 1996-2003
- No Burial ground - all waste shipped offsite



Background

- LANMAS implemented 1998
- Holding account (H RISs) set up 2001
- Split reporting system in 2002
 - Parallel systems
 - Classified & Unclassified
 - 2 RISs



Primary RIS

- Operations and D&D
- Two RISs active until classified inventory removed from site
- External shipments via 741
 - Accountable materials to other sites for storage/processing
 - TRU Waste to WIPP for burial



Holding Account

- Used for Termination of Safeguards
- Holding account for each primary RIS
- Items shipped via 741 from primary to H-RIS
- No further updates to items
- LLW waste shipped via 741 from H- RIS



WIPP Shipments

- 2,045 shipments
- 40,000+ items
- Shipped from Primary RIS
- Measurement differences recorded as shipper/receiver difference (TIC 95)
- Shipped at Waste certified values (TIC 74)



LLW Shipments

- Average 100/week
- Shipped from H- RIS
- Measurement differences entered as S/R adjustments (TIC 95)
- Shipped to Burial site (TIC 74)
- Shipped to non-burial sites (TIC 51)



Lessons Learned (Cont'd)

- Never shipped to NRC sites
- Never shipped to non-burial site
 - Closure demanded integration between DOE and NRC
- Requirement differences
 - Waste vs MC&A
 - DOE vs NRC



Lessons Learned (Cont'd)

- Reporting
 - Classified to unclassified links
 - Direct Link problems



Lessons Learned (Cont'd)

- What worked
 - Phased approach to splitting system
 - Tracking TRU
 - Planning helped react to Operations schedule changes
- What we might have done better
 - Planning for LLW shipments
 - Order updates weren't included in closure contract

