Baseline

Waste/Mat'l Type View

INEEL

Site Inputs

NTS(ER)	0.4m³	Treatment
RFETS	511m³	Treatment
RFETS	456m³	Treatment
Mound	11m³	Treatment
Bettis	14m³	Treatment
ANL-E	38.2m³	Treatment
SNL	51.3m³	Treatment
SRS	4.5m³	Treatment
DOE-Oak	213m³	Treatment
US Navy	190.6m³	Treatment
OR-PGDP	9.6m³	Treatment
SQS	440.2m³	Treatment
Comm.	5,215m³	Disposal

1030.6m³ → TRU; 909.2m³ → MLLW; 5,215m³ → LLW

TRU

To Be Treated On Site: 62,746m³
To Be Disposed On Site: 0m³

Inventory: 64,816m³
Generation: 0m³
From ER: 10,690m³

Notes: AMWTP produces 3200m³ of MLLW and 3600m³ of LLW. 1550m³ from ER is from Pit 9, 9140m³ is from SDA.

MLLW

To Be Treated On Site: 2,222m³
To Be Disposed On Site: 0m³

Inventory: 967.24m³
Generation: 733.01m³
From ER: 2,724m³
From TRU: 3,200m³

Notes: From ER: 159m³ is from filters, 2,472m³ is from soils, 93m³ from debris. ?m³ is disposed as LLW after treatment.

LLW

To Be Treated On Site: 34,848m³
To Be Disposed On Site: 57,031m³

Inventory: 11,815m³
Generation: 93,092m³
From ER: 14,000m³
From HLW: 29,419m³
From MLLW: ?m³
From TRU: 3,600m³

Notes: The 5,215m³ from off site is returning from Commercial treatment for disposal.

SCW

Inventory: 90m³
Generation: 44.98m³

Notes: Treatment and disposition of SCW is undetermined.

HLW

To Be Treated On Site: 19,535m³
To Be Disposed On Site: 0m³

Inventory: 10,546m³
Generation: 6,658m³

Notes: The 29,419m³ is disposed on site as LLW grout in the empty HLW tanks. Generated waste is Mixed Waste managed as HLW.

Site Outputs

TRU → 44,012m³:
- Disposal (from ER) → WIPP 9,140m³
- Disposal → WIPP 34,872m³

MLLW → 3,604.4m³:
- Disposal (from TRU) → Hanf./Comm. 3,200m³
- Subtitle C Disposal → Hanf./Comm. ?m³
- Treatment → OR 4.9m³
- Disposal → Comm. 382.5m³
- Treatment (from ER) → OR 17m³

LLW → 67,781m³:
- Disposal → TBD 25,416m³
- Treatment → Comm. 38,765m³
- Treatment (from TRU) → Comm. 3,600m³

HLW → 683.9m³:
- Disposal → Repos. 682.9m³
- Orphan → TBD 1m³

Site Inputs

FSV	130.3m³	
OR	5.9m³	Consolidation (Excluding MSRE)
WV	11.7m³	Consolidation
SRS	11.6m³	Consolidation
SQS	10.88m³	Consolidation
Hanford	0.6m³	Treatment

40m³ → SNF; Hanford → ANL-W (SNF)

SNF

To Be Packaged/Repackaged On Site: 566.42m³
To Be Treated On Site: 0m³
To Be Disposed On Site: 0m³

2035 Inventory: 556.76m³
Generation: 0m³

Notes: INEEL will coordinate shipping of 130.3m³ of Fort Saint Vrain Spent Fuel to the repository.

6m³ ↑ ↓ 114m³

ANL-W (SNF)

ER (EM-40 Mananged On Site, end state)

TRU: 0m³
MLLW: 0m³
LLW: 323,400m³

Notes: 52,648,000m³ of water is filtered and reinjected into the ground

Site Outputs

SNF → 621.38m³:
- Disposal → Repos. 584.9m³
- Consolidation → SRS 36.48m³

ANL-W (SNF) → ?m³:
- Storage → OR ?m³
- HLW → TBD ?m³

NOTE: Input, Output, and Disposal volumes may not add up because of treatment volume changes and handoffs. Treatment is defined as any activity performed on the waste/mat'l except for characterization or certification.

Predecisional Draft

6/16/97