

NMMT Second Q

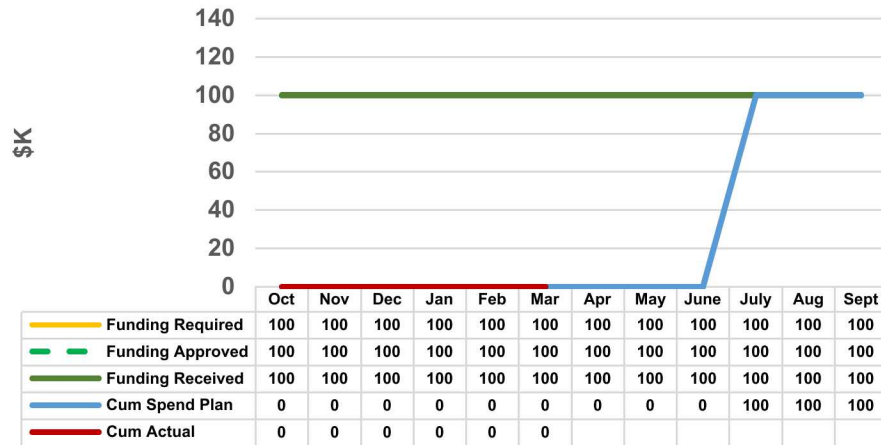
This paper describes objective technical results and analysis. Any subjective views or opinions that might be expressed in the paper do not necessarily represent the views of the U.S. Department of Energy or the United States Government.

SNL – Remote Handled (RH) TRU Shielded Containers

SAND2018-5078C

FY 2018 Budget

Prior Year (Carryover) \$100K	FY 18 Fund. Request \$0K	Total FY 18 Fund. Required (New+CO) \$100K	FY 18 Fund. Apvd. (New+CO) \$100K	EAC (New+CO) \$100K	Projected C/O <10% \$0K
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Prior Year FY 2017 Incomplete Scope

No.	NMMT Milestone Descriptions	Due Date	Projected / Actual Completion Date	Status (Color)
1	None			G

FY 2018 Milestones

No.	NMMT Milestone Descriptions	Due Date	Projected / Actual Completion Date	Status (Color)
1	Begin Receipt of Shielded Containers	6/30/2018	7/16/2018	Y
2	Repackage RH Drums into Shielded Configuration	9/30/2018	9/14/2018	G
3				

■ Complete
 ■ On Schedule
 ■ At Risk of not Meeting Schedule
 ■ Failed to Complete Schedule

Status & Variance: Scope, Schedule, and Cost

- Sandia National Laboratories has reallocated \$100k from the Spent Fuel and Remote Handled (RH) TRU Waste Disposition Project to purchase seven shielded containers (model # SC-30-G1). SNL is purchasing 12 containers in total.
 - Purchase Order has been placed
 - Estimated delivery July 16, 2018

Impacts & Mitigation

- Based on the current status of the WIPP, RH waste is currently not eligible for disposal at the WIPP, and will not be eligible until their DSA is updated and approved to include RH. Therefore, SNL has purchased shielded containers in order to ship some of this material as CH.
- Shielded containers will reduce container dose rates in the Auxiliary Hot Cell Facility (AHCF) where the RH TRU material is currently being staged until the material can be shipped off site to the Waste Isolation Pilot Plant (WIPP) facility

Quarterly Project Highlights / Potential Opportunities

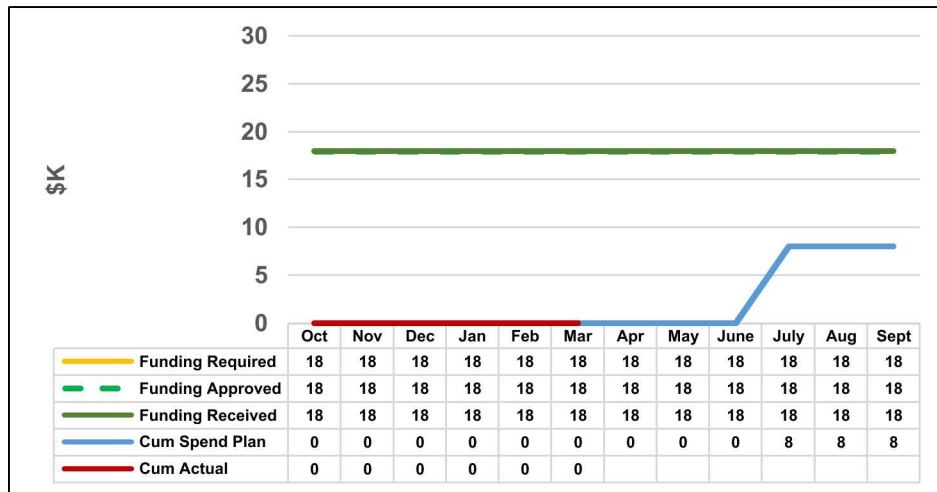
- Containers are being fabricated
- Demo container has been acquired for dry run

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SNL – Spent Fuel and Remote Handled TRU Waste Disposition Project

FY 2018 Budget

Prior Year (Carryover) \$18K	FY 18 Fund. Request \$0K	Total FY 18 Fund. Required (New+CO) \$18K	FY 18 Fund. Apvd. (New+CO) \$18K	EAC (New+CO) \$18K	Projected C/O <10% \$10K
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Prior Year FY 2017 Incomplete Scope

No.	NMMT Milestone Descriptions	Due Date	Projected / Actual Completion Date	Status (Color)
1	None			G

FY 2018 Milestones

No.	NMMT Milestone Descriptions	Due Date	Projected / Actual Completion Date	Status (Color)
1	CBFO Tabletop Audit	7/30/2018	7/30/2018	G
2				
3				

■ Complete
 ■ On Schedule
 ■ At Risk of not Meeting Schedule
 ■ Failed to Complete

Status & Variance: Scope, Schedule, and Cost

- Remaining \$18K to fund future WIPP compliance work – Keeping SNL in the WIPP Baseline (CBFO Tabletop Audit)
 - Performed annually. Last completed in July 2017.
- WIPP requirements have since changed material was originally packaged. Project scope is now:
 - Complete the enhanced Acceptable Knowledge (eAK) for the legacy RH TRU waste stream to determine that the waste meets the revised WIPP WAC.
 - Package and ship 12 of the 25 containers that will meet the criteria for shipping to WIPP in the currently licensed SC-30G1 shielded container
 - Package and ship the remaining the 13 containers to WIPP when the SC-30G2 and SC-30G3 shielded containers become available

Impacts & Mitigation

- Certificate of Compliance for NAC-LWT cask pending NNSA Office of Packaging and Transportation
- Requested formal notification from INL DOE site office that shipment is imminent.

Quarterly Project Highlights / Potential Opportunities

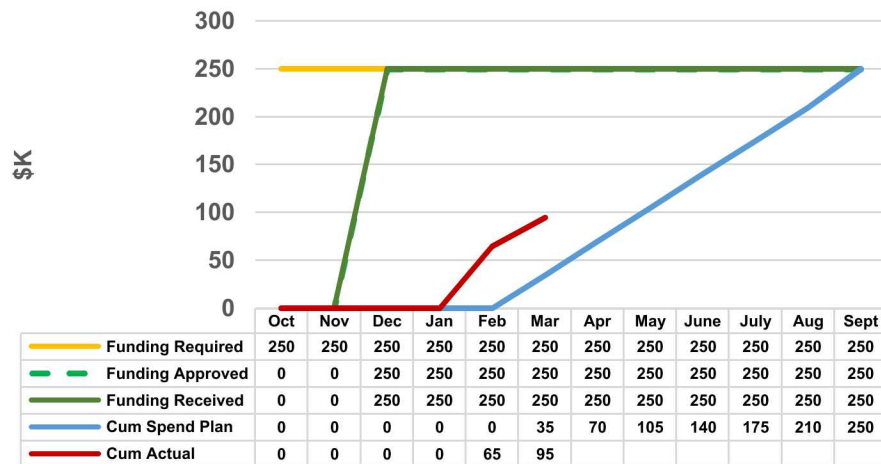
- Shipment from SNL to INL estimated to be \$500K

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SNL – Disposition of RH TRU Waste at the AHCF

FY 2018 Budget

Prior Year (Carryover) \$0K	FY 18 Fund. Request \$250K	Total FY 18 Fund. Required (New+CO) \$250K	FY 18 Fund. Apvd. (New+CO) \$250	EAC (New+CO) \$250	Projected C/O <10% \$0K
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Prior Year FY 2017 Incomplete Scope

No.	NMMT Milestone Descriptions	Due Date	Projected / Actual Completion Date	Status (Color)
1	None			G

FY 2018 Milestones

No.	NMMT Milestone Descriptions	Due Date	Projected / Actual Completion Date	Status (Color)
1	ONMI to direct funds to NWP to certify waste	1/31/2018	12/21/2017	G
2	Begin Receipt of 12 Shielded Containers	6/30/2018	7/16/2018	Y
3	Complete Enhanced Acceptable Knowledge	9/30/2018	9/30/2018	G
4	Repackage RH Drums into Shielded Configuration	9/30/2018	9/14/2018	G

■ Complete
 ■ On Schedule
 ■ At Risk of not Meeting Schedule
 ■ Failed to Complete Schedule

Status & Variance: Scope, Schedule, and Cost

- NWP is evaluating scheduling for loading shielded container assemblies at SNL. Loading will need to be coordinated with ANL because we will be using the same resources. Tentative schedule has loading at SNL scheduled mid August.
- Enhanced Acceptable Knowledge (AK) work underway
 - Chemical Compatibility Evaluation Memo (CCEM) is 50% complete
 - Acceptable Knowledge Assessment (AKA) is 5% complete
- NWP is working with EPA to schedule a time to complete the Baseline Inspection; required by 40 CFR 194.8(b). Scheduling will be dependent on the EPA. This activity is expected to occur in FY19. EPA baseline estimated cost is \$100K

Impacts & Mitigation

- Based on the current status of the WIPP, RH waste is currently not eligible for disposal at the WIPP, and will not be eligible until their DSA is updated and approved to include RH. Therefore, SNL has purchased shielded containers in order to ship some of this material as CH.

Quarterly Project Highlights / Potential Opportunities

- Fund development and testing of SC-30G2 and SC-30G3 shielded containers