Topics for Citizens Advisory Board (CAB) Consideration – Nuclear Materials Committee

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Purpose

- To provide potential topics for the Nuclear Materials Committee for use in development of its 2018 work plan
Savannah River Site
Waste and Material Flow Path

The depiction of SRS activities shows only the general scope of the major facilities and missions. It does not represent all processes or all materials flow.

Off-Site Disposal
e.g., Clive, Utah
Three Rivers Landfill

Areas specific to the presentation

Legend

SRNL
SRNL Analytical Labs

Mission Specific Projects

MOX Product

TRU Waste

HVMMW

C & D Landfill

E/N Area

LLW Storage/Dissolved
Waste Storage

TRU Waste

Liquid/Waste
Fiked Equipment

WIPP

TRU Waste

HVMMW

LLW

MOXWSI

Surplus Unirradiated HEU Conversion

KAMS / KIS

L-Basin

H Canyon

B-Pit

Low-Enriched HEU From Canada

H Tank Farm (HLW)

H-Low

Salt Waste

Saltstone

SWPF (future)

ARPMCU

Tank 50

ETP

Tank 50

Salt Waste

Recycle Waste

2017 Nuclear Materials Completed Work Plan Items

- Spent Nuclear Fuel Program Overview/Update

- Plutonium Program Overview/Update

- 235-F Deactivation Update

K-Area Plutonium Storage

L-Basin Spent Nuclear Fuel racks
2018 Nuclear Materials Work Plan Proposed Topics

• DOE Proposed Topics:
  – Spent Nuclear Fuel Disposition Strategy to allow CAB to comment on the approach and estimated schedule
  – Site Plutonium Down Blend operations to allow the CAB to comment on those activities
  – Presentation on SRNS effectiveness review conducted as part of Consent Order NCO-2016-01 including the results of the independent assessment conducted as part of this Consent Order. (Allows completion of actions from Recommendation #334)

• CAB Proposed Topics:
  – None identified yet
Path Forward

- Committee agree to the topics to be included
- Department of Energy will develop schedule for when topics are to be covered
- Obtain Approval of the Work Plan