



Urenco USA

Wyatt Padgett, Head of Compliance, UUSA



Urenco USA is North America's only operating large-scale commercial uranium enrichment facility

Global Urenco Enrichment Capacity



Eunice, USA
Capacity: 4,600 tSW/year



Almelo, The Netherlands
Capacity: 5,100 tSW/year



Capenhurst, UK
Capacity: 4,500 tSW/year



Gronau, Germany
Capacity: 3,700 tSW/year

Urenco Tails Management Facility



Tails Management Facility – United Kingdom



The Tails Management Facility manages deconversion of depleted Uranium Hexafluoride (UF_6) – to stable Uranium Oxide (U_3O_8) and Hydrofluoric Acid (HF).

The responsible management of the by-product of our enrichment services is part of our Environmental, Social, and Governance commitments.

UUSA Deconversion & Disposal



- Department of Energy has confirmed a disposal path for Urenco in a federal cell at a US site
- Urenco Tails Management (deconversion) Facility UK Test Case
- Consideration of a US Urenco Tails Management (deconversion) Facility



Decommissioning Obligations



- > 4,000 DUF6 (Tails) 48Y cylinders stored on site (license limit 25,000 48Ys).
- UUSA decommissioning estimates are more than 50% funded by money reserved for decommissioning. Remaining is fulfilled through a Surety Bond and letters of credit.
- The direct money reserved exceeds the expense anticipated for obligations for deconversion and disposal of Tails material in possession.

Rulemaking



- Urenco USA is committed to endorsing and actively supporting well-researched and thought-out regulations that contribute to the overall welfare of our industry, foster fair competition, and ensure the highest standards of ethical business practices.
- A clear understanding of disposal criteria is crucial to the continued safe operations within the industry and sustainable business models which ensure energy independence for the United States.
- Previous submittals providing comments: ML093090485, ML110960075, ML13070A184, ML15209A582, ML15264B109, ML16319A104, ML17325B025, and ML23336A001.

Recommendations

- Urenco USA's viewpoint of NRC's draft regulatory analysis, ML16189A050, accompanying the proposed rule from 2016.
 - Considered disposal facility and not generators that includes Urenco USA.
 - Analysis considered minimal cost to the industry and excluded impact from generators.
- NRC should develop a thorough cost benefit analysis.
- NRC should review past comments when developing proposed rule avoiding potential inefficient rulemaking practices.
 - Federal Register 48283 Federal Register /Vol. 82, No. 199 /Tuesday, October 17, 2017



We deliver on our promises

- ✓ Energy security for North America through increased capacity
- ✓ Advanced fuels for future nuclear reactors
- ✓ Responsible stewardship & Creating a net zero future