

Site readiness checklist · 04

Waste management

Waste handling is one of the most consequential operational deltas for an alpha program. Plan for the full decay chain, not the parent.

Decay-in-storage

- Hold time calculated against the full Ac-225 decay chain.
- Storage capacity sized for sustained program throughput, not just first cases.
- Storage area access controls and labeling defined.

Classification & release

- Jurisdictional waste classification confirmed (NRC or Agreement State).
- Alpha-capable release survey procedure documented and signed off.
- Manifest and records workflow in place.

Sanitary sewer

- Sewer release pathway reviewed against 10 CFR 20 limits.
- Concentration vs. mass-based release calculations documented.