Cleanup Progress at the INL under the 1995 Settlement Agreement

The Department of Energy (DOE) is responsible for meeting a number of requirements to clean up and remove radioactive waste at the INL. DOE has met several of its 1995 Settlement Agreement cleanup obligations and continues to ship thousands of transuranic waste drums out of the state. The following tables, shown by waste type, illustrate current and cumulative status of remaining key 1995 Settlement Agreement cleanup obligations at the INL.

Spent Nuclear Fuel

Activity	CY-2024 Status	CY-2025 Status	Cumulative Status	Settlement Agreement Requirement
Navy spent nuclear fuel shipments to INL	0.5 metric tons heavy metal	0.4 metric tons heavy metal	29.8 metric tons heavy metal	Shipments of naval spent fuel to INEL through 2035 shall not exceed 55 metric tons of spent fuel. (Section D.1.b)
DOE spent nuclear fuel shipments to INL	0.0 metric tons heavy metal	0.0 metric tons heavy metal	27.8 metric tons heavy metal	After December 31, 2000, DOE may transport shipments of spent fuel to INEL constituting a total of no more than 55 metric tons of DOE spent fuel. (Section D.2.c) Not more than 400 kilograms total heavy metal content of Commercial Power SNF may be received in any calendar year. The amount of Commercial Power SNF remaining on site at the end of each calendar year will count toward the total metric tonnage limits. (Section 3.(b) and 3.(d) of 2011 MOA
Commercial power spent nuclear fuel shipments to INL	0.0 metric tons heavy metal	0.045 metric tons heavy metal		
DOE spent nuclear fuel (SNF) transfer from wet to dry storage	0.0 metric tons heavy metal	0.0 metric tons heavy metal	Transfer from wet to dry storage is completed	DOE shall complete the transfer of all spent fuel from wet storage facilities at INEL by December 31, 2023. (Section E.8)

High-Level Waste

Activity	CY-2024 Status	CY-2025 Status	Cumulative Status	Settlement Agreement Requirement
Treat liquid sodium-bearing waste to a solid form	189,828 gallons treated	6,025 gallons treated	263,901 gallons treated out of approximately 853,900 gallons	DOE shall complete calcination [now steam reforming] of sodium- bearing liquid high-level wastes by December 31, 2012. (Section E.5)
Treat high-level waste so that it is ready for disposal out of Idaho	See row above for sodium bearing waste status No calcine waste was treated	See row above for sodium bearing waste status No calcine waste was treated	See row above for sodium bearing waste status DOE chose to treat calcine waste through a hot isostatic press process under a 2009 Record of Decision. However, alternative treatment options are being evaluated at this time, such as vitrification, based on technological advancements.	DOE shall treat all high-level waste currently at INEL so that it is ready to be moved out of Idaho for disposal by a target date of 2035. (Section C.3). DOE shall accelerate efforts to evaluate alternatives for the treatment of calcined waste so as to put it into a form suitable for transport to a permanent repository or interim storage facility outside of Idaho. (Section E.6).

Transuranic Waste

Activity	CY-2024 Status	CY-2025 Status	Cumulative Status	Settlement Agreement Requirement
Transuranic waste shipped to the Waste Isolation Pilot Plant in Carlsbad, New Mexico	Total = 533 cubic meters Remote handled = 0 cubic meters Contact handled = 533 cubic meters	Total = 1,199 cubic meters Remote handled = 0 cubic meters Contact handled = 1,199 cubic meters	Total = 48,731 cubic meters Remote handled = 124 cubic meters Contact handled = 48,606 cubic meters	DOE shall ship all transuranic waste now located at the INEL, currently estimated at 65,000 cubic meters in volume to the Waste Isolation Pilot Plant (WIPP) or other such facility designated by DOE, by a target date of December 31, 2015, and in no event later than December 31, 2018. (Section B.1)
Targeted buried waste shipped out of the state of Idaho	1,090 cubic meters	36 cubic meters	9,682 cubic meters	Compliance with the obligation set forth in Section V.A shall be measured as 7,485 cubic meters packaged for shipment out of Idaho. (Section V.A.1 of 2008 Implementation Agreement)
Acres exhumed	0.00 acres	0.00 acres	5.69 acres, exhumation complete	Retrieve all targeted waste from those areas of the SDA [subsurface disposal area] identified in Appendix E ... [5.69 acres]. (Section V.B.2 of 2008 Implementation Agreement)

Note: INL and INEL refer to the Idaho National Laboratory.