

PART III – SECTION J, ATTACHMENT P

MANAGEMENT OF ENVIRONMENTAL LIABILITIES SPECIFIC TO
SPECIAL NUCLEAR MATERIAL, SPENT NUCLEAR FUEL,
AND RADIOACTIVE WASTE

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**Management of Environmental Liabilities Specific to
Special Nuclear Material, Spent Nuclear Fuel, and Radioactive Waste**

Special Nuclear Material (SNM)

The Idaho National Laboratory (INL) Contractor is responsible for the safe and effective management of all Office of Nuclear Energy (NE)-owned Special Nuclear Material (SNM) presently located at the Advanced Test Reactor (ATR) Complex, the Materials and Fuels Complex (MFC), and the Idaho Nuclear Technology and Engineering Center (INTEC). These materials shall be managed in accordance with the governing DOE Orders and consistent with DOE policy. Management of SNM shall be cost effective and consistent with research and development needs. Excess SNM shall have an identified disposition path.

The INL Contractor shall cooperate with the ICP Contractor on SNM management efforts.

Spent Nuclear Fuel (SNF)

The INL Contractor shall be responsible for the safe and effective management and disposition planning for Spent Nuclear Fuel (SNF) received by or located in INL facilities. The INL Contractor shall develop and implement disposition strategies that maximize the use of INL and DOE complex facilities, and research and development opportunities to satisfy the Idaho Settlement Agreement (ISA) milestones. The INL Contractor shall be responsible for the transfer of SNF from the ATR to INTEC. The INL Contractor shall be responsible for delivering a loaded cask that conforms with ICP receipt requirements to the INTEC gate.

The INL Contractor shall cooperate with the ICP Contractor on SNF management and planning efforts to ensure compliance with ISA milestones.

Radioactive Waste

The INL Contractor shall be responsible for evaluating and accessing all available disposition paths for radioactive and mixed waste stored or generated at the INL or locations where the INL is performing work for others. The INL Contractor shall ensure that any final waste package is compliant with the Waste Acceptance Criteria for the appropriate Treatment, Storage, and Disposition Facility (TSDF).

The INL Contractor shall be responsible for receiving certified waste shipments and disposing of Remote-Handled (RH) Low-Level Waste (-LLW) in accordance with PLN-5446, “Waste Acceptance Criteria for the RH LLW Disposal Facility.”

The INL Contractor and the ICP Contractor shall cooperate on radioactive waste management efforts. As a component of these overall waste management efforts, the INL Contractor shall assure completion of the following activity:

- As funded by DOE Environmental Management (EM), retrieve twenty-four inch (24”) Large Liners of RH LLW from the Radioactive Scrap and Waste Facility (RSWF) and load in the ICP Contractor provided Facility Transfer Container (FTC). The ICP Contractor will receive the FTC at the RSWF facility and transfer to the ICP Contractor facilities where the RH MLLW waste will be treated, repackaged, characterized, and dispositioned by the ICP Contractor.
- The INL Contractor will transfer up to fifteen (15) cubic meters of Contact-Handled (CH) Transuranic (TRU) waste to the Advanced Mixed Waste Treatment Project (AMWTP) in accordance with ICP contract clause C.5.1.02 (INL generated waste is not subject to the C.5.1.02 requirement to treat the waste within six (6) months of receipt and ship out of the state within six (6) months of treatment). The INL Contractor is responsible for delivering the waste by September 2018 (unless authorized by DOE) that meets all receipt requirements for the ICP Contractor’s receiving facility. Waste will be dispositioned by the ICP Contractor. The INL Contractor is not responsible for processing fees at AMWTP associated with the fifteen (15) cubic meters of CH TRU.
- Manage hazardous or mixed waste generated and stored in compliance with regulations and agreements, disposition within one (1) year unless circumstances agreed upon by DOE, the INL Contractor, and the Idaho Department of Environmental Quality require the waste to be added to the Site Treatment Plan.
- Plan for and comply with Site Treatment Plan milestones for treatment of backlog waste stream(s). Backlog waste stream(s) include Sodium Component Maintenance Shop (SCMS) and RWDP backlog waste where NE is liable.
- The INL Contractor is responsible for storage fees resulting from storage of RH TRU/RH MTRU at ICP Contractor facilities.