



Idaho Integrated Spent Nuclear Fuel Management Plan

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EM *Environmental Management*

safety ❖ performance ❖ cleanup ❖ closure

Idaho Cleanup Project

Drivers of the Plan

- Idaho Settlement Agreement 2035 milestone
- Various fuel types
- Lack of integration across the Idaho site historically
- Desire to address spent nuclear fuel without new construction if possible



Purpose of the Plan

- DOE initiative started by EM-1 in 2022
- Provide framework/roadmap for SNF in Idaho
- Integrate expertise of federal and contractor personnel
 - Office of Environmental Management (lead) and Idaho Environmental Coalition, LLC
 - Office of Nuclear Energy and Battelle Energy Alliance, LLC
 - Naval Reactors and Fluor Marine Propulsion, LLC
- Ensure efficient and effective use of existing resources



FY 2023 Congressional Direction

“The Department is directed to develop an integrated strategy between the Office of Nuclear Energy and the Office of Environmental Management to establish a road-ready, dry storage packaging configuration capability for Department-owned spent fuel.”

H.R. Rep No. 117-394, p134 (2023 appropriations)

“The Committee is aware of efforts underway at the Idaho National Laboratory Site to collaborate across all programs and contractors to address respective missions. The Committee encourages the Office of Nuclear Energy, the Office of Environmental Management, and Naval Reactors to continue this integration to ensure existing facilities, capabilities, and workforce are being utilized efficiently and effectively. As part of this integration effort, the Department shall develop an Idaho Sitewide Spent Nuclear Fuel Management Plan and shall analyze the use of the Naval Reactors spent fuel packaging facility to support EM’s packaging needs in lieu of new construction.”

H.R. Rep No. 117-394, p171 (2023 appropriations)



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Current Plan Status and Next Steps

- Draft document with recommendations developed (Dec 2022)
- Workshop to create framework and strategic plans (Feb 2023)
 - Develop action plans for draft recommendations
 - Develop integrated schedule
 - Develop plans for each of the fuel types
 - Packaging demonstration efforts
 - Material disposition
 - Evaluate existing facilities for re-use
- Weekly meetings with integrated project team to discuss progress on the plan



Questions?



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