



# Idaho Cleanup Project Naval Reactors Facility Decommissioning

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**EM** *Environmental Management*

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# What We'll Cover

- Memorandum of Agreement (MOA) between DOE Office of Environmental Management (EM) and Naval Reactors (NR) for Deactivation and Decommissioning (D&D) and Environmental Remediation of Naval Reactors Liabilities
- Naval Reactor Facilities and Reactor Prototypes to be D&D'd by ICP Contractor
- Approach to D&D under CERCLA
- Status and Proposed Schedule

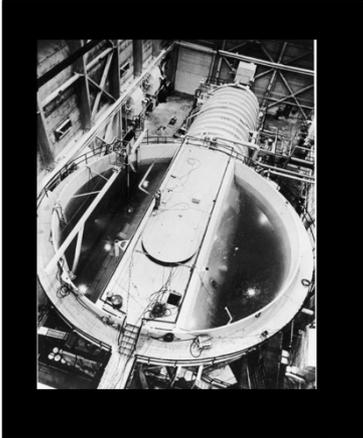


# EM/NR Memorandum of Agreement

- Memorandum of Agreement between DOE Offices of Environmental Management and Naval Reactors
  - Signed May, 2019 by Anne White DOE Assistant Secretary of Environmental Management, and Admiral James Caldwell of Naval Reactors Naval Nuclear Propulsion
  - MOA provides for D&D of Naval Nuclear Laboratory Sites (such as NRF) by DOE-EM
  - Includes NRF Reactor Prototypes and ancillary structures to be D&D'd by the DOE-ID ICP contractor
    - Conducted in phased approach
    - First phase (S1W and ancillary structures) anticipated to begin in FY 22
    - Follow-on phases for A1W and S5G TBD



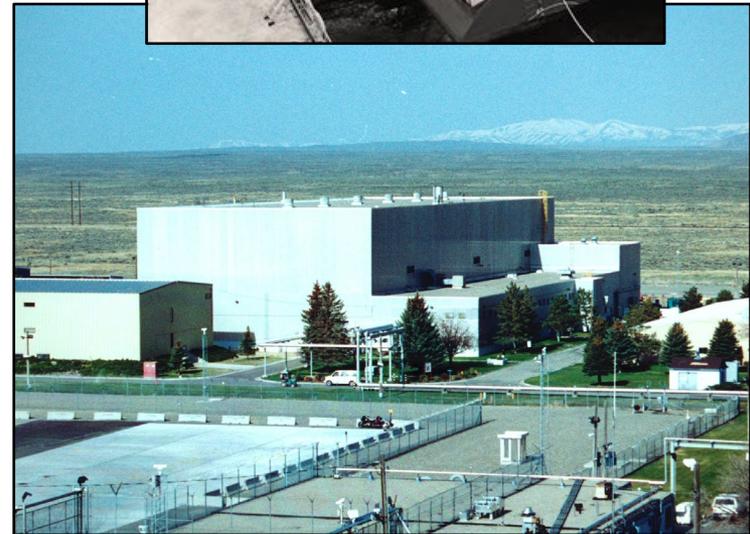
# NRF Prototypes



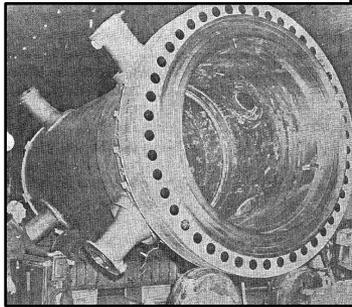
**S1W**



**S5G**



**A1W**

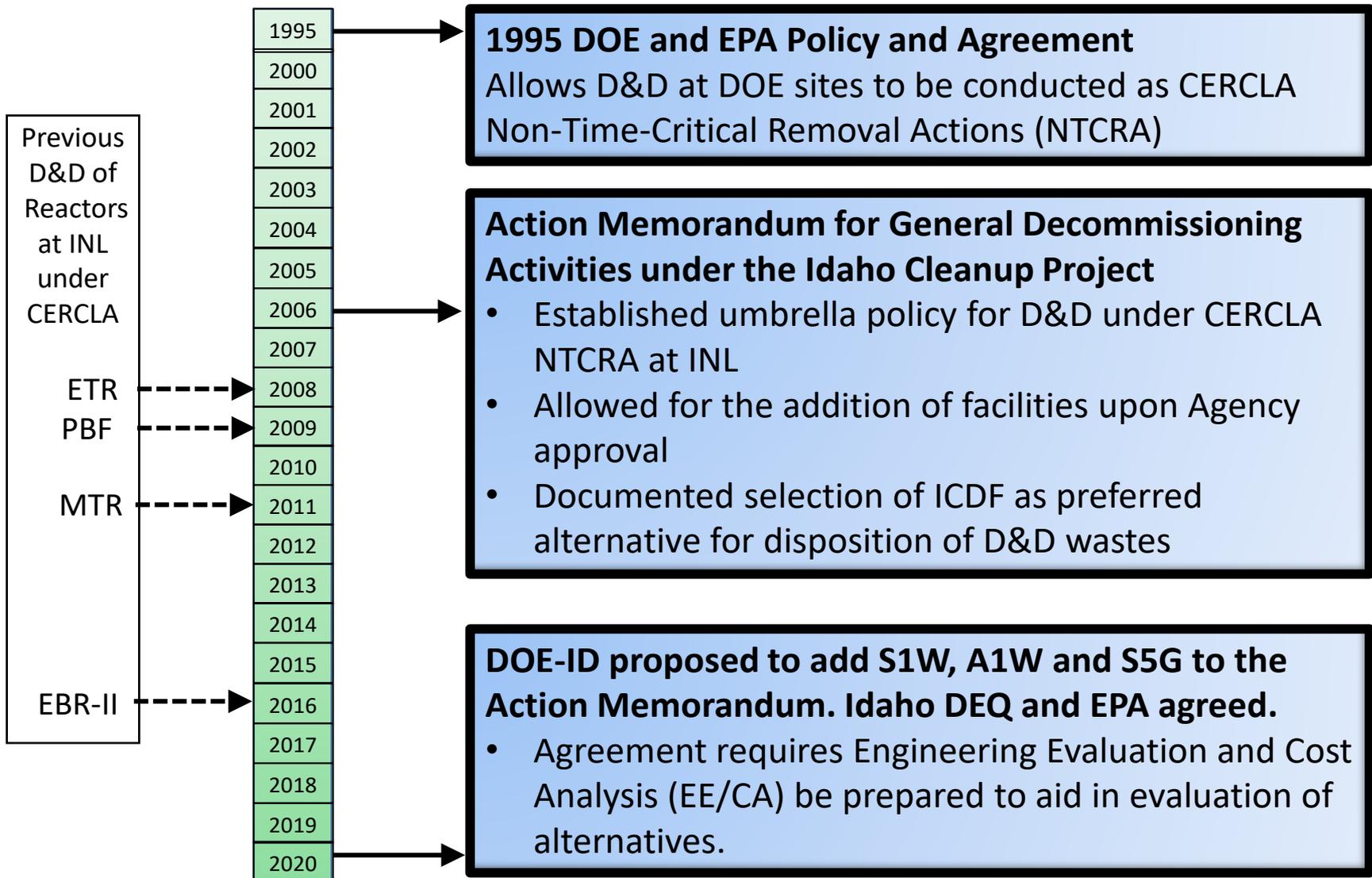


**EM Environmental Management**

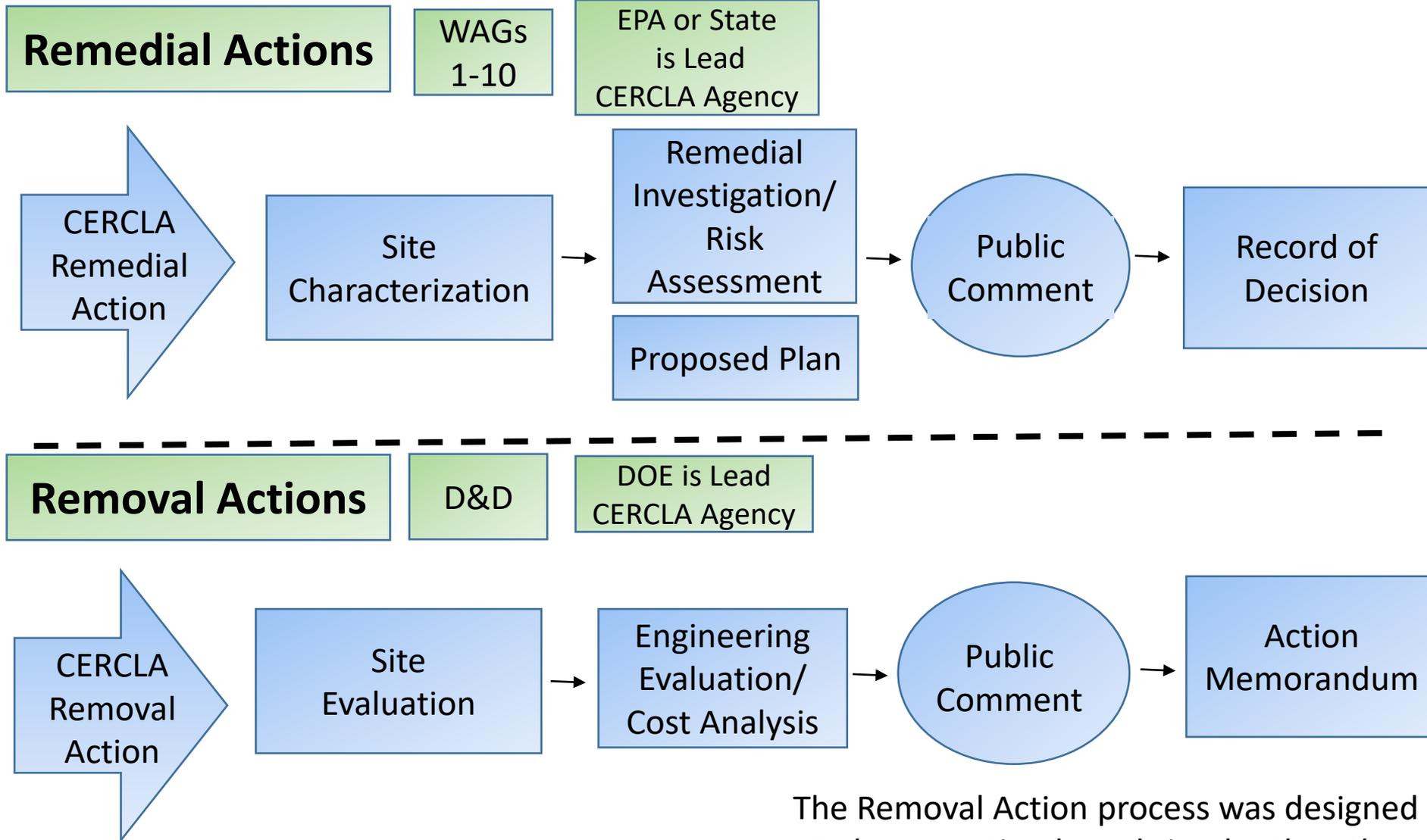
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# D&D Approach under CERCLA



# CERCLA Remedial vs. Removal Actions

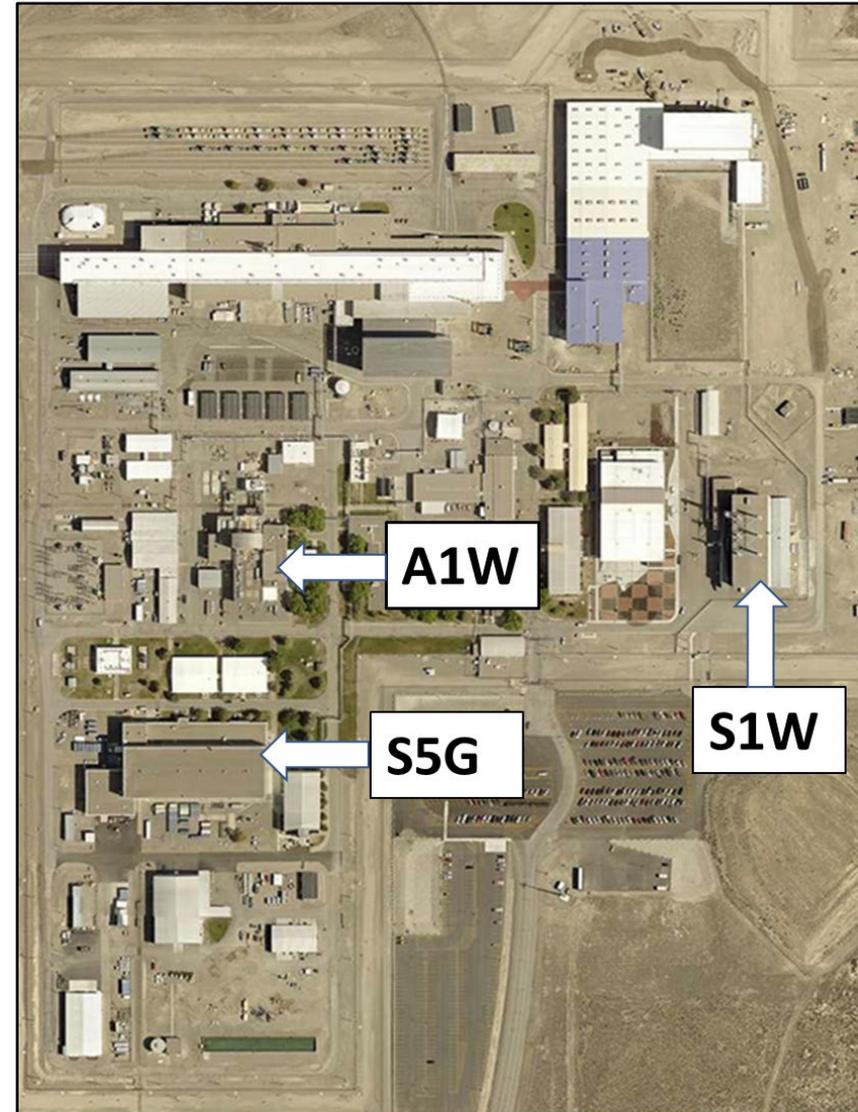


The Removal Action process was designed to be more timely and simpler than the similar Remedial Action process.



# EE/CA Preparation for S1W, A1W and S5G

- EE/CA process is designed like a simplified CERCLA Remedial Investigation/Feasibility Study
- Prepared to assist in evaluation of three specific CERCLA criteria
  - Effectiveness
  - Implementability
  - Cost
- EE/CA is issued for 30-day public comment period
  - Timed to coincide with presentation to CAB
- Final decision documented in Action Memorandum



Location of NRF Prototypes



# Status and Proposed Schedule

Activity	Timeline
<input checked="" type="checkbox"/> S1W, A1W, and S5G added to General Action Memo - allows preparatory actions to proceed	June 2020
<input type="checkbox"/> DOE prepares Engineering Evaluation/Cost Analysis (EE/CA) -DOE confers with DEQ and EPA on recommended option -EE/CA is issued for 30-day public comment period -EE/CA is presented to Citizens Advisory Board	1Q FY22
<input type="checkbox"/> After considering comments, DOE with concurrence from DEQ and EPA sign Action Memo for S1W, A1W, and S5G	2Q FY22
<input type="checkbox"/> Current Fluor Idaho work includes installing infrastructure -~30 acres south of NRF for trailers, shops, offices, etc. -work ongoing to install electricity, phones, computers, etc.	On-going
<input type="checkbox"/> NRF will fence S1W area off for turnover to DOE-ID and new contractor	4Q FY21
<input type="checkbox"/> -S1W D&D will begin as soon as new contractor ready	FY22



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# Questions?



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