Tri-Party Agreement
M-091 Milestone Series
Proposed Changes

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“M-091” milestones: Schedules to treat, dispose of radioactive solid waste

- 37,000 containers were “retrievably stored” at Hanford after 1970
- 12,000 containers still in trenches in central Hanford burial grounds
- 8,000 containers now stored at Central Waste Complex (CWC)
- M-091 is the schedule to retrieve, treat and dispose of the waste
- Mixed “low-level” waste disposed at Hanford
- Transuranic (TRU) waste disposed in New Mexico (WIPP facility)
Reasons for proposed changes

• TRU waste from Hanford and other USDOE sites must be disposed in Waste Isolation Pilot Plant (WIPP), a “deep geologic repository” in New Mexico
• WIPP hasn’t accepted waste since two Feb. 2014 incidents. Restart date is still uncertain.
• Changes to M-091 dates adjust to the WIPP delays
### What are the proposed changes?

<table>
<thead>
<tr>
<th>Work Element</th>
<th>Old Date</th>
<th>New Date</th>
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<tbody>
<tr>
<td>Acquire capabilities or facilities to deal with all retrievably stored waste</td>
<td>2018 – Complete a definitive design, then add more milestones for construction</td>
<td>2018 – Complete an alternatives study, then add more milestones for design &amp; construction</td>
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<td>Complete Waste retrieval</td>
<td>2018</td>
<td>2028</td>
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<td>Waste certification or treatment</td>
<td>2017 – Complete certification of small container, contact handled TRUM</td>
<td>Combined large &amp; small, contact &amp; remote handled</td>
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<td>2018 – Submit annual milestones for certifying large container &amp; remote handled TRUM</td>
<td>2015, 2016 – Certify or treat 280 cubic meters</td>
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<tr>
<td>All TRUM shipped to WIPP</td>
<td>2030</td>
<td>2030</td>
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What are “gives & gets”?

- Delays retrieving more waste for storage at CWC until waste currently stored there can be disposed
- Delays acquiring a facility or capability to treat the most difficult waste
- Adds a plan for more annual schedules to assure measurable progress
- Does not change 2030 deadline to ship all TRU waste off Hanford
Why is new facility or capability required?

- Hanford treats (repackages) much of its waste at the Perma-Fix facility in Richland.
- Some retrieved waste containers are “oversized,” “remote-handled” or exceed radioactive materials license limits at Perma-Fix.
- A facility or capability is needed to handle those difficult containers.