

Draft Advice: TPA M-091 Change Package

Agency Perspective

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Perspective on Advice: M-091 milestone changes

Funding for M-091

- \$20MM per year near-term,
= 2% of current year budget
- \$250MM peak in mid-2020s,
=25% if RL funded @ \$1BB
- Retrievably Stored Waste (M-091) and
wastes generated from CERCLA
actions are in separate accounts

Coordination w/ other milestones

- M-091 *waste management* could be a
large share (25%) of
DOE-RL work in the mid-2020s
- Hanford *cleanup* will be done faster,
more efficiently if DOE-RL budget
climbs from \$1BB/yr to about
\$1.4BB/yr
 - DOE-RL was successful at this level
of funding during ARRA years
 - This level of funding seems
unlikely in current Federal fiscal
setting

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

ARRA: American Recovery and Reinvestment Act

Perspective (continued)

Use of off-site capabilities

- Radioactive materials license allows Perma-Fix Northwest just 200 grams of plutonium* at a time
 - Some M-091 containers must be processed one-at-a-time
 - M-091 waste must “compete” for this allowance, w/ PFP waste and non-Hanford customers
- Perma-Fix also can’t handle over-size and remote-handled containers
- These M-091 milestone changes require a study to find capabilities for over-license, over-size, remote-handled containers (due 9/30/2016)

*and certain other radio-isotopes

PFP: Hanford’s Plutonium Finishing Plant

2030 date and RTD wastes

- Tri-Parties are planning that CERCLA-generated waste can ship to WIPP by 2030
- Planning covers decisions already made, i.e.
 - Plutonium Finishing Plant (PFP)
 - 618-10 and 618-11 burial grounds
 - 324 Building
- Planning doesn’t include future decisions, i.e.
 - 200-SW-2 burial grounds (pre-1970 disposal)