



West Valley Demonstration Project “Special” Wastes

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TargetZero

HLW MELTER (CFMT/MFHT)



- 1 WIR in place
- Not in Type B Casks (IP2)
- Melter not grouted (yet)
- Estimated Melter shipping weight: ~380,000 lbs
- Exceeds standard allowable railway dimensions



HLW TANK PUMPS/ PLANT COMPONENTS

- 54' mobilization pumps in vaults
- WIR by citation
- Very high dose rates
- Non-spec DOT packaging
- Need grout stabilization



TargetZero

FUEL POOL SPENT RESINS

- RH Waste (~5R)
- Not shippable
- Stored in Poly HIC in concrete SUREPAKs for over 20 years
- Some indications of TRU levels



RH TRU WASTE

- Debris from spent fuel head-end processing
- Dose up to 4,100 R/hr
- FGE as high as 4 kg
- Two drums may have intact fuel elements (SNF)
- WVDP does not have a defense determination
- Contract specifies DOE N435.1 packaging instructions

