

West Valley Demonstration Project

Citizen Task Force Meeting

December 4, 2001

West Valley Demonstration Project

- On November 13, 2001, pin point spots of contamination were found during routine radiological monitoring between the Waste Tank Farm and the Vitrification Facility
- Immediate actions:
 - Performed additional surveys
 - Checked off-site air monitors
 - Posted affected areas
 - Formed an Investigation Team to direct evaluation and response to findings

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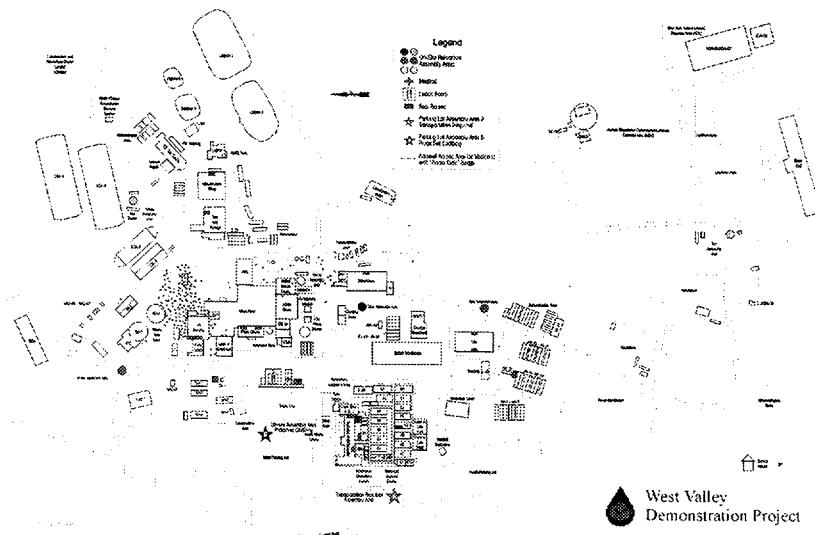
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Survey Approach

- Outward from the initial contamination spots
- Checked Project boundaries (fences)
- Used road monitor to check larger areas

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• Contamination Spots

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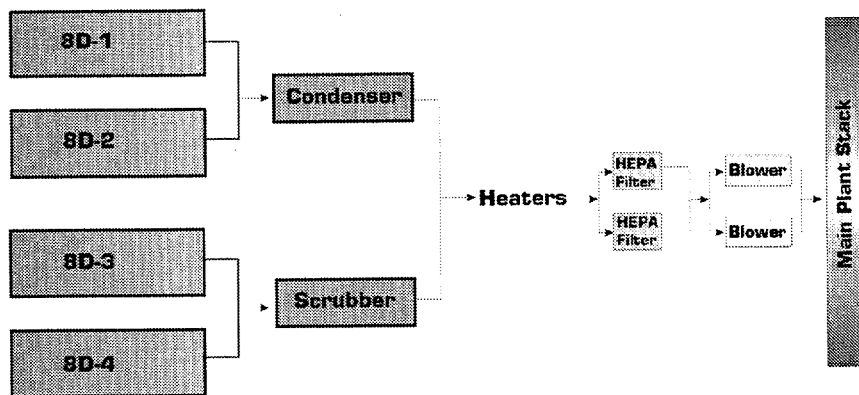
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- Pin point spots of contamination are due to cesium; total amount is very small
- Deposited on site due to a combination of factors that occurred at specific times
- Tank Farm Ventilation System believed to be the source of the moist air

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Tank Farm Ventilation



Tank Farm ventilation redirected through Permanent Ventilation System

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Summary

- Correlation of operational records, ventilation monitoring information, and weather conditions indicates deposits likely occurred at very specific times in September and October
- All contamination spots within WVDP boundary
- Amount of cesium very small
- No personnel contaminations occurred
- No regulatory limits approached
- Source now understood
- Cleanup in progress
- Additional evaluation of the factors involved in the deposition to be done

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