

NMED

New
Mexico
Environment
Department



RADIOACTIVE & HAZARDOUS MATERIALS COMMITTEE

June 2 , 2015

Ryan Flynn
Secretary
New Mexico Environment Department

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Overview

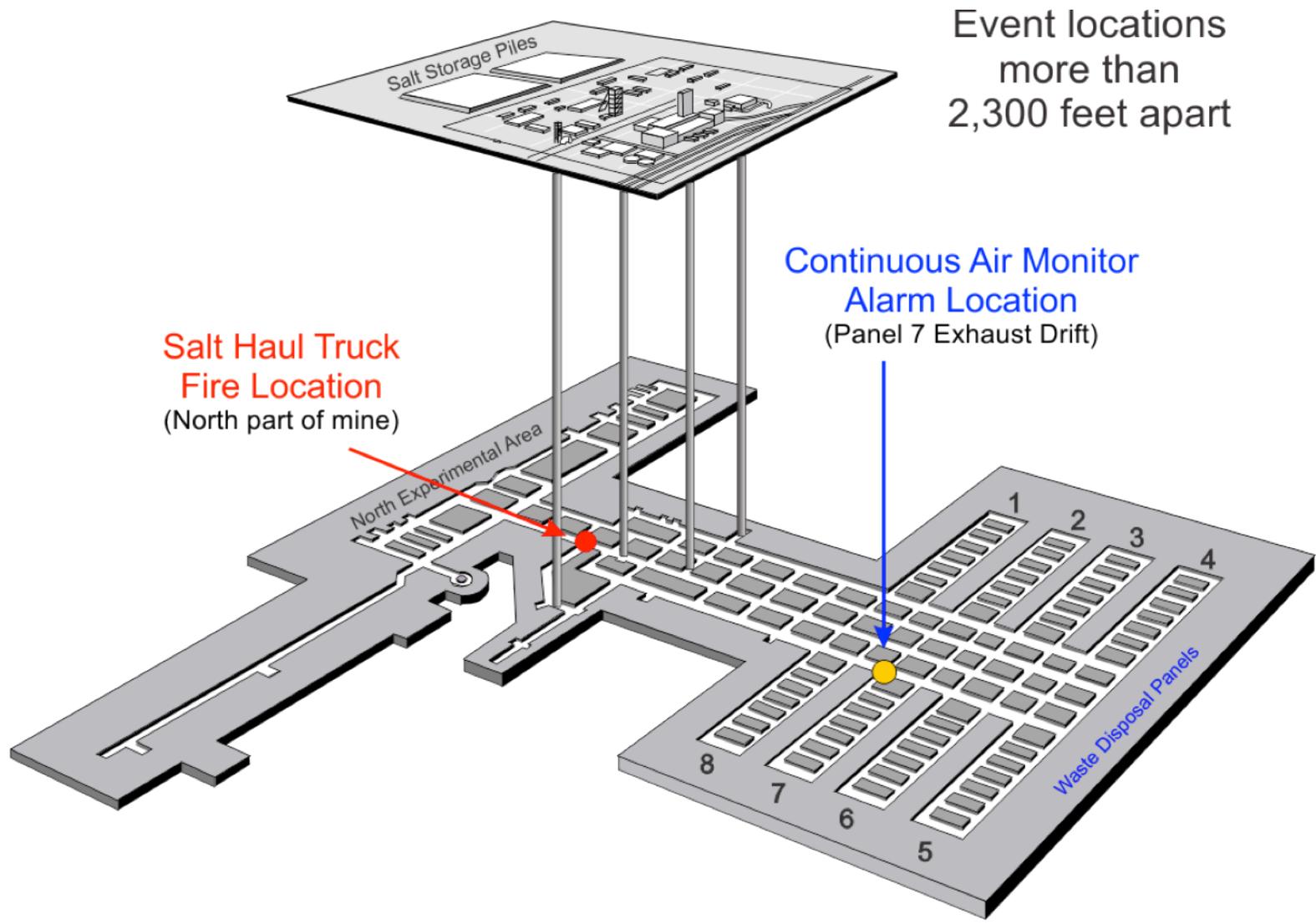
NM-DOE SETTLEMENT AGREEMENT

Fire and Release

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- Feb 5, 2014: Vehicle Fire
 - Ineffective maintenance, fire protection and emergency management/preparedness
- Feb 14, 2014: Radiological Release
 - Ventilation/filtration system did not operate correctly
 - Amount of radiation released was below any threshold that would indicate a public health hazard
 - 21 employees at WIPP tested positive for radiological contamination, but dose did not represent “a clinically significant exposure”





Event locations
more than
2,300 feet apart

Salt Haul Truck
Fire Location
(North part of mine)

Continuous Air Monitor
Alarm Location
(Panel 7 Exhaust Drift)

Waste Disposal Panels



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NMED's Compliance Orders

Enforcement Action Against DOE

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- WIPP: \$17.7 Million for 13 permit violations
 - ▣ Violations included failure to timely notify NMED of release and improper acceptance and disposal of incompatible and ignitable waste
- LANL: \$36.6 Million for 18 permit violations
 - ▣ Violations included treatment of hazardous waste without a permit, mixing incompatible waste, failure to properly manage incompatible waste and failure to adequately characterize waste



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Settlement Agreement

Highlights of Settlement Agreement

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- **\$73.25 Million for Various Supplemental Environmental Projects**
 - \$34 million to improve WIPP transportation routes in SE New Mexico
 - \$12 million to improve transportation routes in Los Alamos
 - \$10 million to replace aging potable water lines at LANL
 - \$9.5 to build engineering structures and increase monitoring capabilities around LANL to manage storm water flows
 - \$5 million to construct an Emergency Operations Center in Carlsbad and provide enhanced training for first responders and mine rescue teams
 - \$2.75 million to fund an independent triennial compliance and operational review

6/14/2012



Highlights of Settlement Agreement

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- Corrective Actions at LANL and WIPP
 - Issues identified in various internal and external investigations must be corrected
- Funding for Supplemental Environmental Projects
 - Funds used by DOE to pay for the supplemental environmental projects will not be diverted from existing operational or clean up budgets

6/14/2012



Community Input

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- Input from Host Communities Heavily Influenced Settlement Agreement
 - Northern New Mexico Citizens' Advisory Board Recommendation 2015-03
 - Carlsbad Mayor's Nuclear Task Force Resolution No. 2015-11
 - Regional Coalition of Los Alamos Communities
 - State and Local Officials



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CONCLUSION