

The seal of the Defense Nuclear Facilities Safety Board is a circular emblem. It features a central shield with a golden eagle with wings spread, perched atop a shield. The shield is flanked by two golden olive branches. The shield is set against a blue background with a white border. The words "UNITED STATES OF AMERICA" are written in a semi-circle at the top, and "DEFENSE NUCLEAR FACILITIES SAFETY BOARD" is written in a semi-circle at the bottom.

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

Public Hearing on Los Alamos National Laboratory

Session 1: Nuclear Safety at Area G

**Santa Fe, New Mexico
November 16, 2022**



Exhibit 1



Drum of inappropriately remediated nitrate salt waste that reacted in the underground of the Waste Isolation Pilot Plant.



The Secretary of Energy

Washington, DC 20585

September 25, 2014

MEMORANDUM FOR FRANK G. KLOTZ
ADMINISTRATOR
NATIONAL NUCLEAR SECURITY ADMINISTRATION

MARK WHITNEY
ACTING ASSISTANT SECRETARY
FOR ENVIRONMENTAL MANAGEMENT

FROM:

ERNEST J. MONIZ

SUBJECT:

Acquisition and Oversight Strategy for Legacy Environmental
Cleanup Work at Los Alamos National Laboratory

Memo creating the Environmental
Management Los Alamos Field Office.



Exhibit 2



Wildland fire preparations.





Exhibit 3



Triad's RANT Shipping Facility.



Mobile Loading Unit at Area G.



Exhibit 4



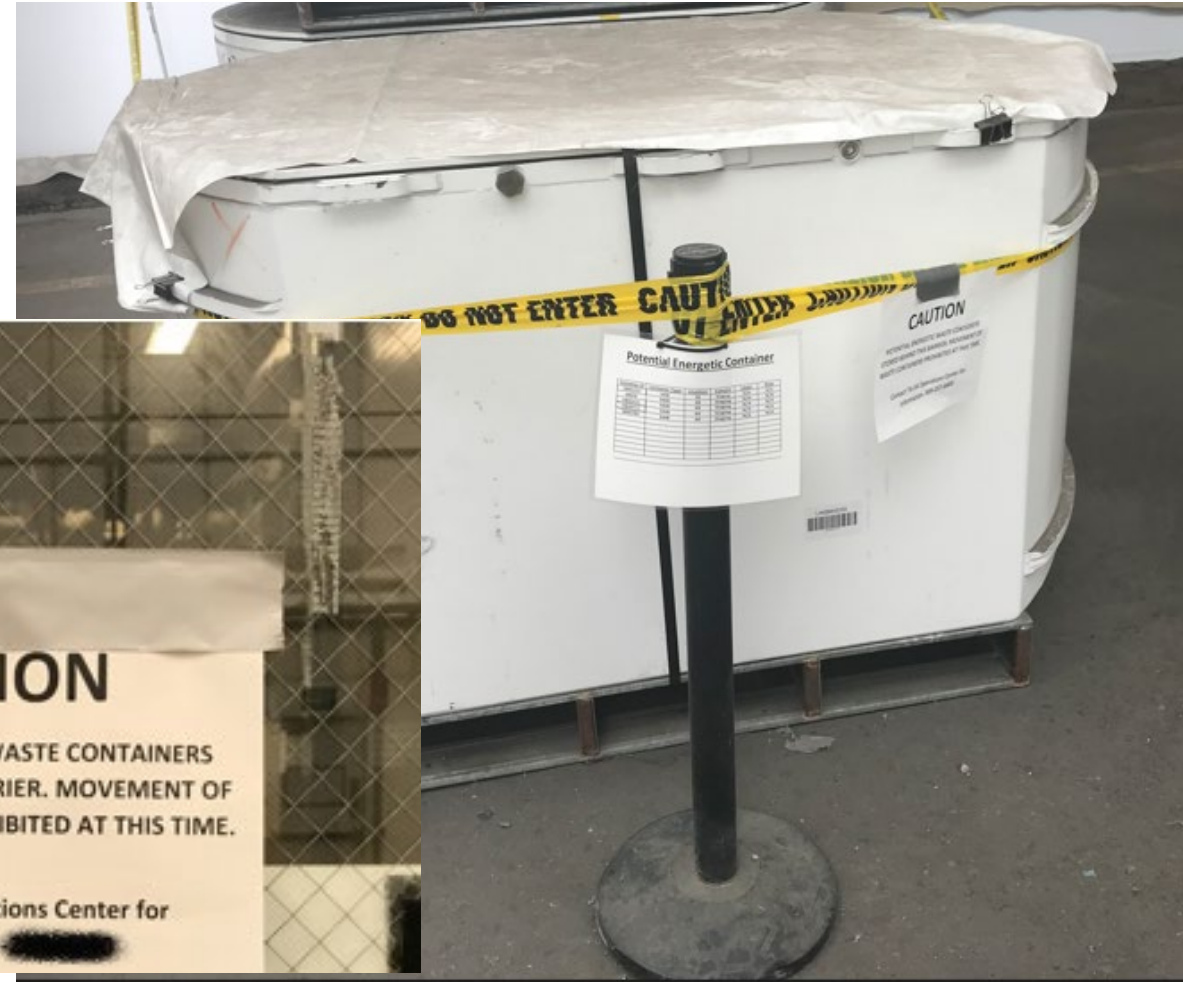
Glovebag operations.



Drill and drain operations.



Exhibit 5



N3B isolated certain transuranic waste containers in response to DNFSB/TECH-46.



Exhibit 6



N3B and EM-LA staff are essential to safe nuclear operations.



Exhibit 7

Management Challenges at the Department of Energy's Environmental Management Los Alamos Field Office (Paraphrased)

1. The field office has not ensured that adequate execution of the overall process for potentially inadequate safety analyses is in accordance with federal regulations and applicable directives.
2. There is no demonstrated ownership of the field office safety basis documents.
3. The field office does not have approved safety basis procedures including adequately defined roles and responsibilities for safety basis reviews and approvals.
4. The field office's documented oversight of safety basis control suite implementation and related areas of nuclear safety is less than adequate.

CNS Independent Assessment
of Nuclear Safety Oversight Interim
Report - Phase 1



U.S. DEPARTMENT OF
ENERGY

October 2020

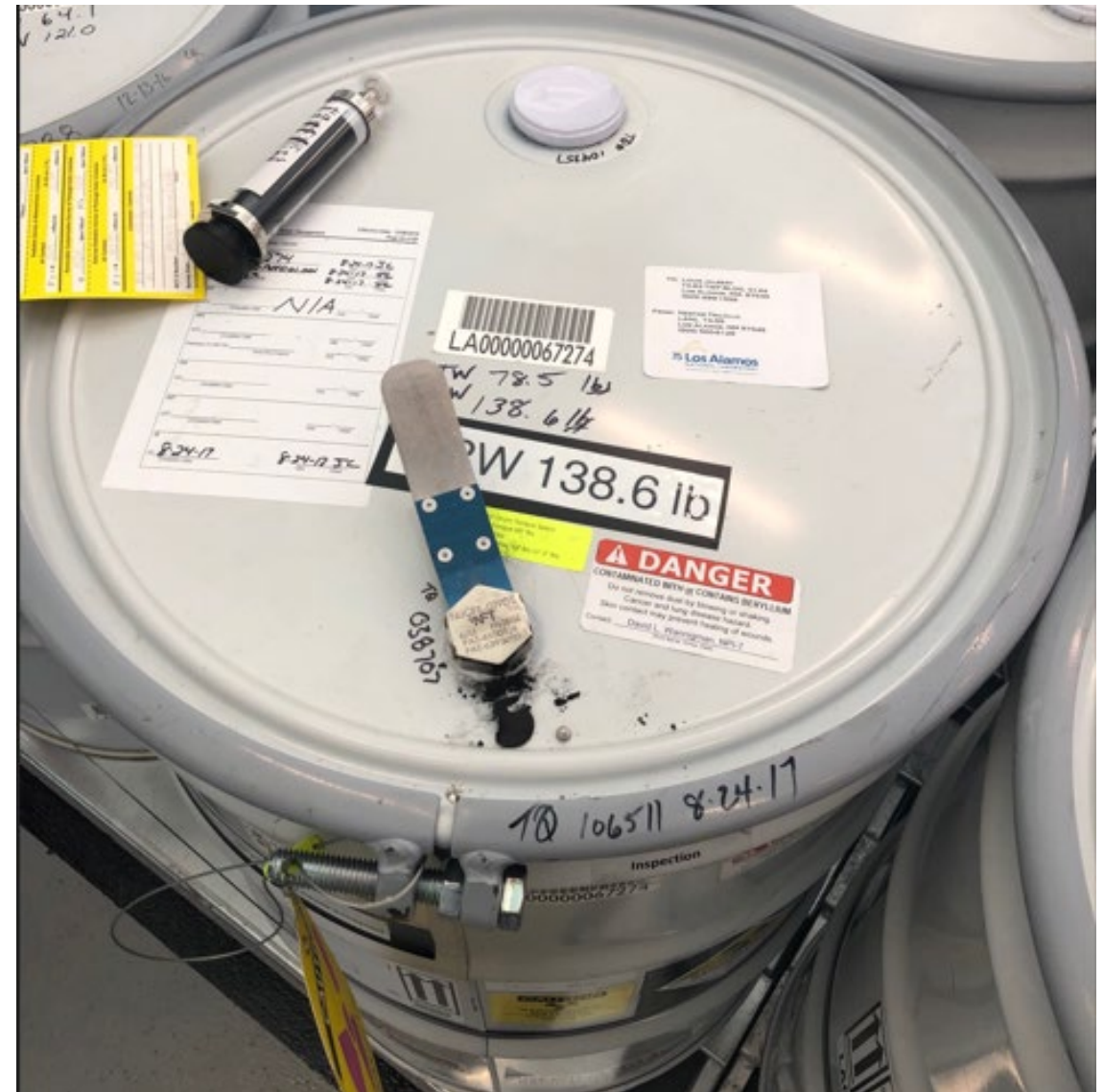


Exhibit 8

January 2020 – Flammable gas sampling paused

- Multiple N3B safety analysis submittals
- Lengthy EM federal review cycles

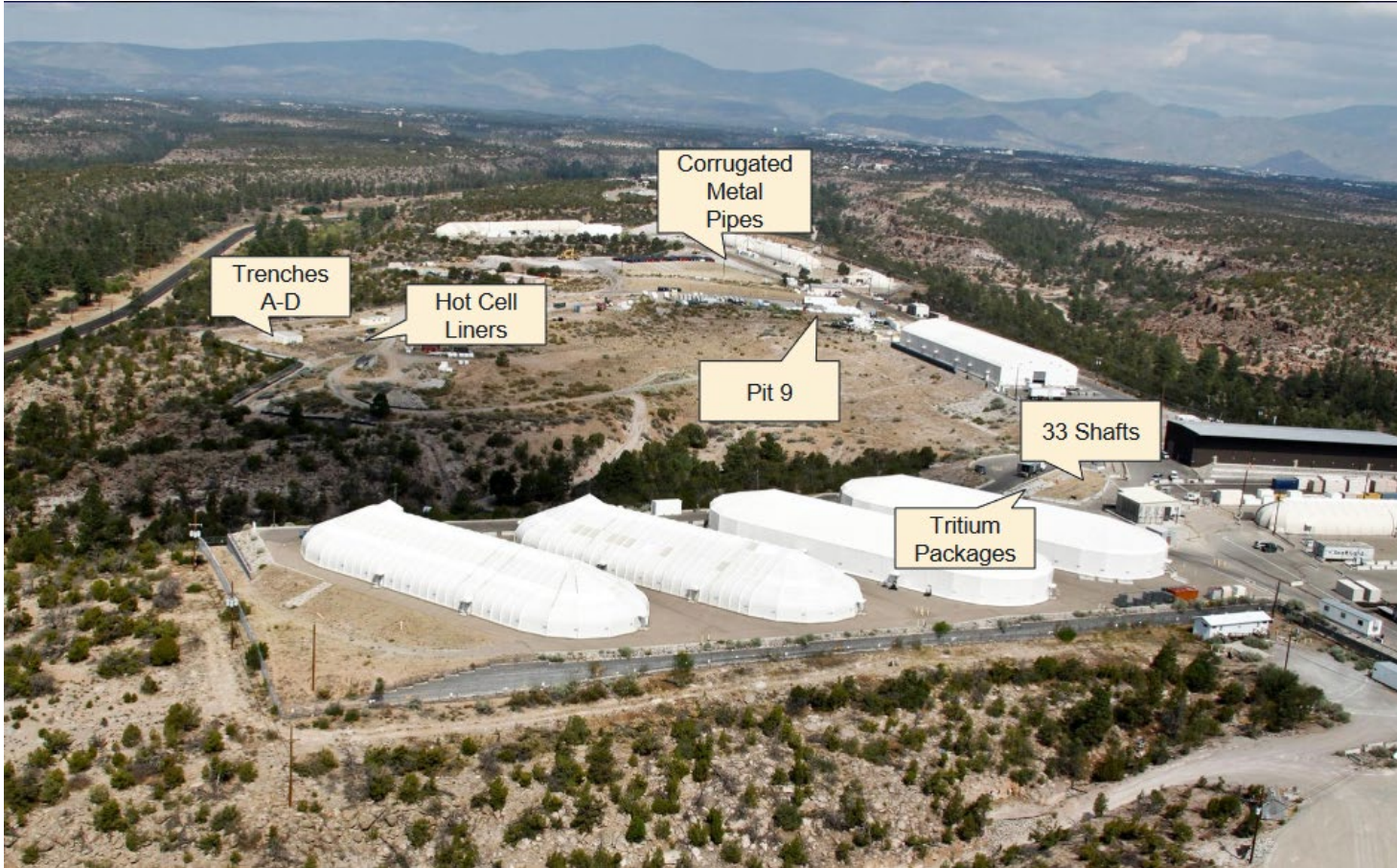
August 2021 – Flammable gas sampling resumed



Headspace gas sampling activity.



Exhibit 9



Buried waste locations at Area G.



Trenches A-D (top) and Pit 9 (bottom).