



ESHID-602442

Environmental Protection & Compliance Division
Los Alamos National Laboratory
PO Box 1663, K491
Los Alamos, New Mexico 87545
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Environmental Management
Los Alamos Field Office
1900 Diamond Drive, M984
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Date: **JUN 07 2017**
Symbol: EPC-DO: 17-224
LA-UR: 17-24480
Locates Action No.: N/A

Mr. John E. Kieling, Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505

SUBJECT: Notification of Removal of Two Containers from the Inventory of Unremediated Nitrate Salt Waste Containers

Dear Mr. Kieling:

This letter submits a notification of the removal of two waste containers from the inventory of unremediated nitrate salt waste containers located at the Los Alamos National Laboratory (LANL). The U.S. Department of Energy (DOE) and the Los Alamos National Security, LLC (LANS), collectively the Permittees, have removed these two containers from the inventory of all nitrate salt-bearing waste containers provided to the New Mexico Environment Department (NMED) on October 1, 2015. The inventory was developed as part the required response to the May 19, 2014, *Administrative Order*, which was then modified by letters on July 10, 2014; April 27, 2015; May 8, 2015; and August 12, 2015.

Containers S842446 and S823124 are included on the list of containers as unremediated parent containers of nitrate salt waste located at LANL; however, recent Real-Time Radiography (RTR) of these containers displayed that the waste within the containers is not unconsolidated salts as suspected. Instead, the RTR video confirmed that both containers are filled with 1-gallon paint cans of cemented waste. It is evident in the screenshots (Enclosure 1) and the video included on the CD (Enclosure 2) that there are no separate solids within the waste containers.

These containers will be placed in the subset of the TA-55 cemented waste stream (CIN01) that include small quantities of dewatered liquids with the potential for containing nitrate compounds. The Permittees reevaluated the characterization for the liquids within these containers and utilized analytical results provided to the NMED (ENV-DO-15-0313) to determine that the Environmental Protection Agency Hazardous Waste Numbers for ignitability and corrosivity (D001 and D002) were applicable for the subset of the LA-CIN01 waste stream that contain liquids (ADESH-15-162).

Further treatment through the stabilization process at the Waste Characterization, Reduction, and Repackaging Facility (WCRRF) is not necessary for the cemented solids within the container, however, any liquid within the containers will be treated through the liquid stabilization treatment process described in the LANL Hazardous Waste Facility Permit.

If you have comments/questions or would like to meet regarding this submittal, please contact Mark P. Haagenstad, LANS, at (505) 665-2014 or David S. Rhodes, Environmental Management Los Alamos Field Office, at (505) 665-5325.

Sincerely,



John C. Bretzke
Division Leader

Sincerely,



David S. Rhodes
Director, Office of Quality & Regulatory Compliance

JCB/DSR/MPH: am

Enclosures 1: Screenshots of Real-Time Radiography Videos for Containers S842446 and S823124
2: Real-Time Radiography Videos for Containers S842446 and S823124 (CD)

Copy: Butch Tongate, NMED, Santa Fe, NM, (E-File)
J. C. Borrego, NMED, Santa Fe, NM, (E-File)
Neelam Dhawan, NMED/HWB, Santa Fe, NM, (E-File)
Siona Briley, NMED/HWB, Santa Fe, NM, (E-File)
Douglas E. Hintze, EM-LA, (E-File)
Kimberly Davis Lebak, NA-LA, (E-File)
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Peter Maggiore, NA-LA, (E-File)
Jody M. Pugh, NA-LA, (E-File)
Adrienne Nash, NA-LA, (E-File)
Karen E. Armijo, NA-LA, (E-File)
Jordan Arnsward, NA-LA, (E-File)
Darlene S. Rodriguez, NA-LA, (E-File)
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Michael T. Brandt, ADESH, (E-File)
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Randall M. Erickson, ADEM, (E-File)
Cheryl D. Cabbil, ADNHHO, (E-File)
Enrique Torres, ADEM, (E-File)
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Andrew R. Baumer, ADEM-PDO, (E-File)
Leslie K. Sonnenberg, EWMO-DO, (E-File)
Stephanie Q. Griego, EWMO-DO, (E-File)
Victoria R. Baca, DESHS-EWMS (E-File)
Davis V. Christensen, WD-SRS, (E-File)
David E. Frederici, WD-WPE, (E-File)
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ENCLOSURE 1

**Screenshots of Real-Time Radiography Videos for Containers
S842446 and S823124**

EPC-DO: 17-224

LA-UR-17-24480

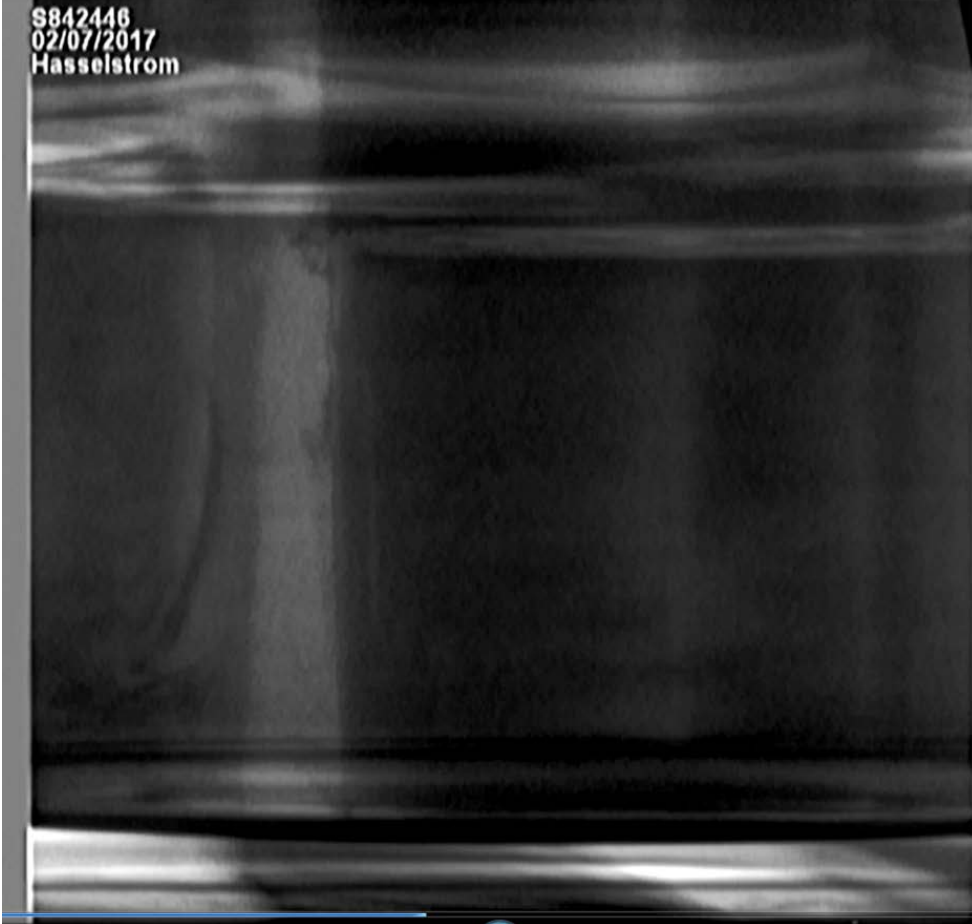
JUN 07 2017

Date: _____

Screenshots of Real-Time Radiography Video Container
S842446

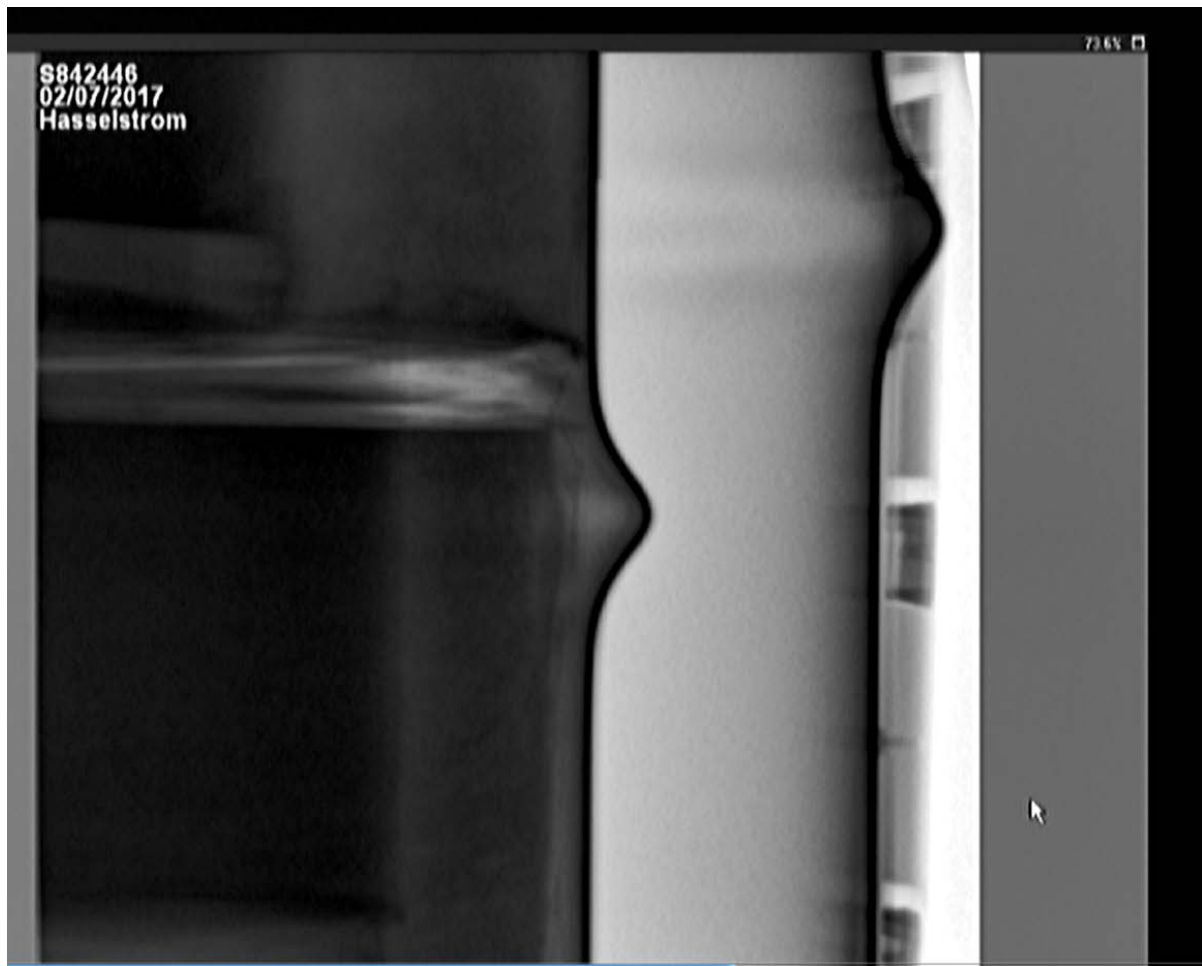
S842446
02/07/2017
Hasselstrom

73.6V



S842446
02/07/2017
Hasselstrom

72.6V □



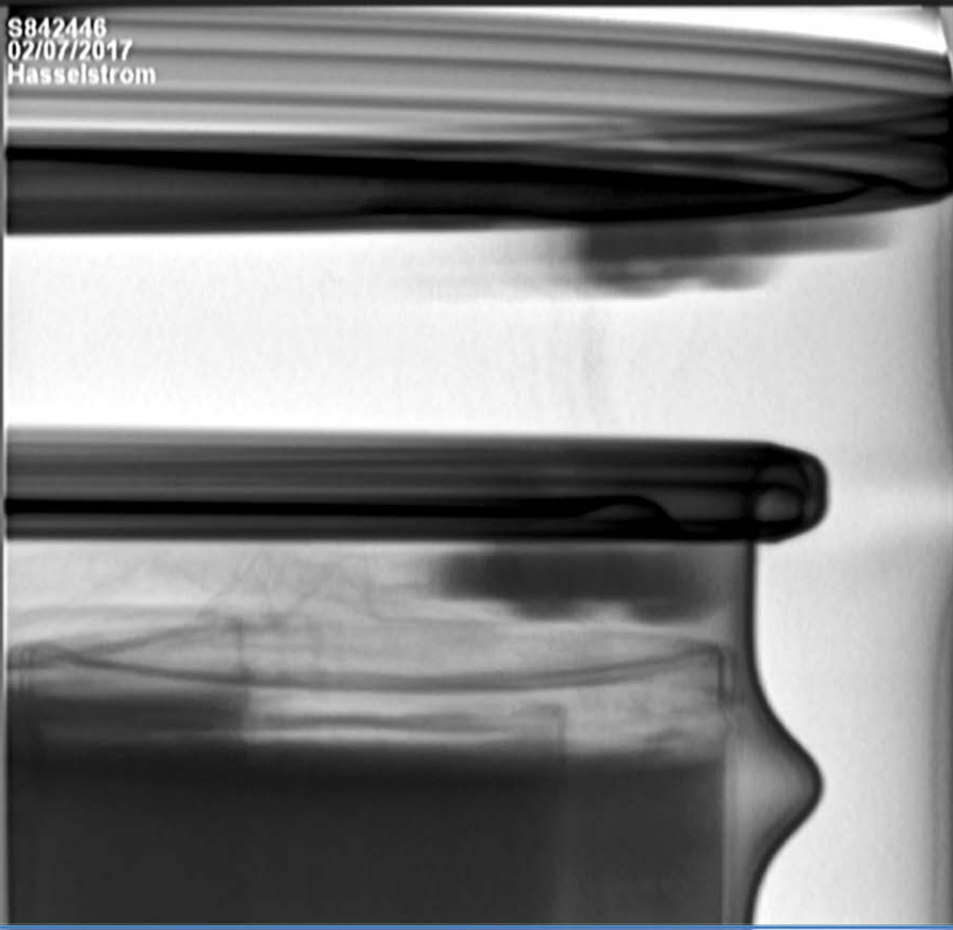
S842446
02/07/2017
Hasselstrom

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S842446
02/07/2017
Hasselstrom

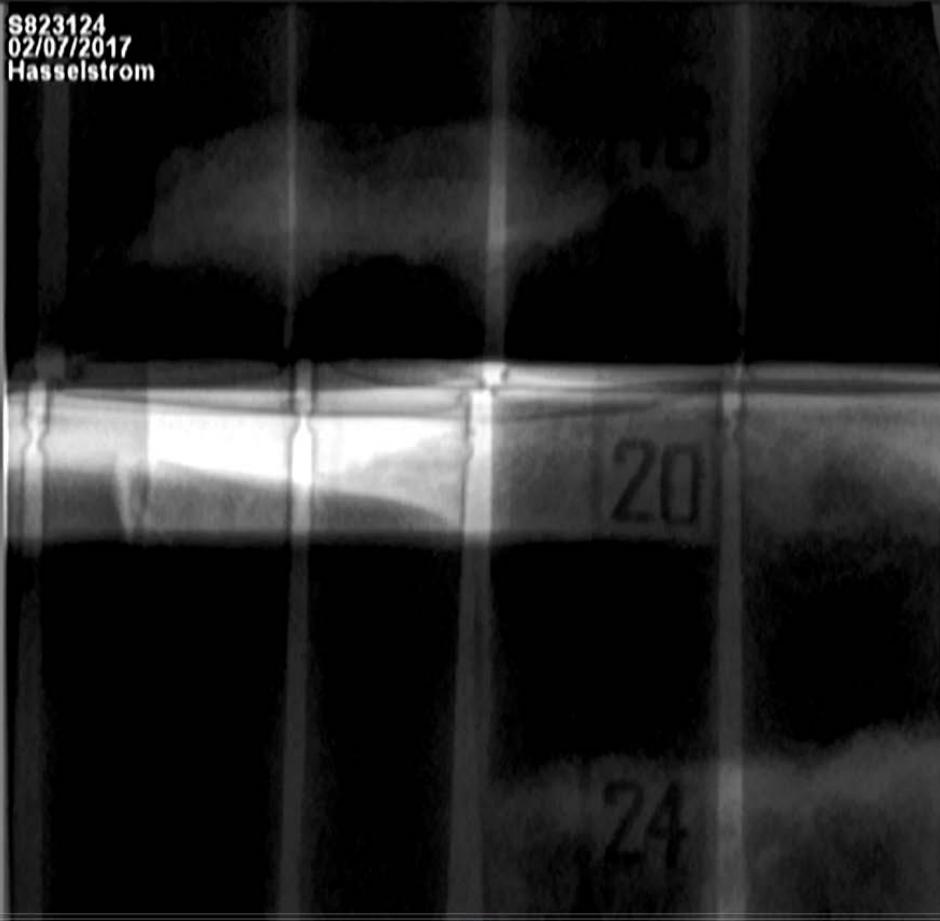
736V



Screenshots of Real-Time Radiography Video Container
S823124

S823124
02/07/2017
Hasselstrom

73.6% 

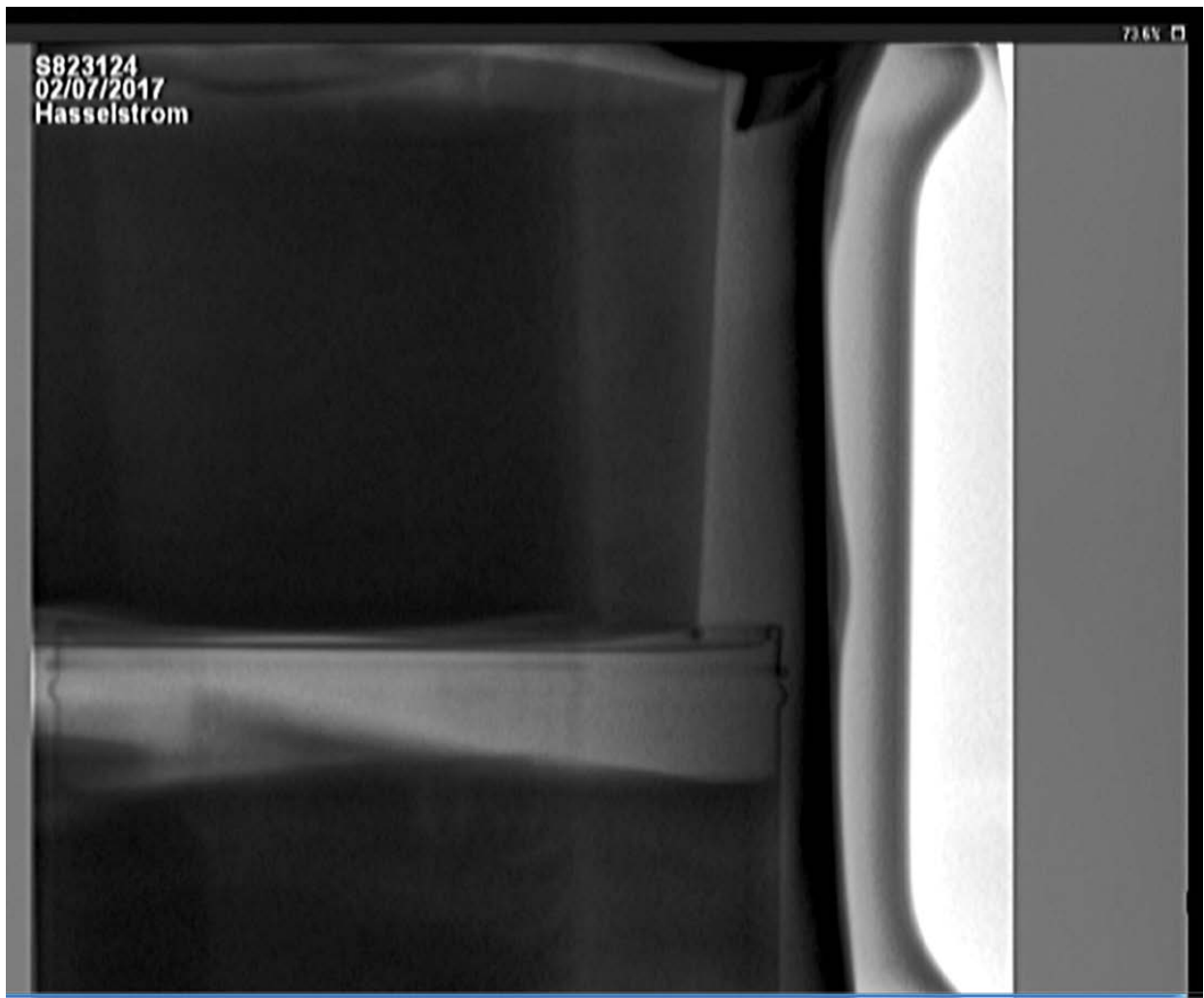


S823124
02/07/2017
Hasselstrom

73.6% 



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Included as zip file in electronic distribution.