

19 August 2009

Chem-Bio News

- 1. NNSA CONDUCTS SUCCESSFUL W80 JTA FLIGHT TEST:** *"The National Nuclear Security Administration (NNSA), in close working cooperation with the U.S. Air Force, recently conducted a successful test of a Joint Test Assembly (JTA) for the W80 warhead."*
- 2. SELF-STORAGE FACILITIES EYE SENSORS TO DETECT TERRORIST THREATS:** *"A 2004 FBI memo to self-storage facility owners warned, "Terrorist plots that involve IED's [improvised explosive devices] have utilized rental storage facilities to house parts of the bomb or other supplies until the plotters have the time to assemble the weapon or prepare the attack."*
- 3. TOBACCO PLANTS YIELD THE FIRST VACCINE FOR THE DREADED 'CRUISE SHIP VIRUS':** *"A quick and cheap way of producing a vaccine for norovirus – the so-called cruise ship virus – is being developed by scientists in a technique that uses tobacco plants and can be delivered by a nasal spray."*
- 4. CANADA TO SPEND \$30M SECURING BIO-WARFARE LABS:** *"Canada plans to spend \$30-million to build a high-level bio-security lab in Kyrgyzstan, the centrepiece of efforts to keep terrorists from getting their hands on anthrax, plague and other dangerous diseases stored in the former Soviet republic."*

Chem-Demil News

- 1. CSEPP PLANS TO REMOVE 'SAFE ZONES' AFTER DEPOT IS DONE:** *"Over the past 14 years, the Chemical Stockpile Emergency Preparedness Program has put a lot of work into making sure schools, hospitals, nursing homes and other big buildings have a place people can go to if there was a chemical emergency."*
- 2. LEXINGTON BLUE GRASS ARMY DEPOT - MUSTARD AGENT DETECTED AT BLUE GRASS ARMY DEPOT:** *"Trace amounts of mustard vapor were found Monday inside a chemical agent storage structure or "igloo" that houses mustard agent filled artillery shells at the Blue Grass Army Depot. The mustard vapor was detected during routine weekly monitoring."*
- 3. THE NATIONAL ACADEMIES MEETING - DISPOSAL OF LEGACY NERVE AGENT GA AND LEWISITE STOCKS AT DESERET CHEMICAL DEPOT:** *POC information for this CLOSED meeting to be held 01-03 Sept. 2009 is provided.*

CB Daily Report

Chem-Bio News

NNSA CONDUCTS SUCCESSFUL W80 JTA FLIGHT TEST

National Nuclear Security Administration News Release
August 18, 2009

"The National Nuclear Security Administration (NNSA), in close working cooperation with the U.S. Air Force, recently conducted a successful test of a Joint Test Assembly (JTA) for the W80 warhead.

A JTA is a set of sensors and hardware used during flight tests to ensure that weapons perform as designed. The purpose of the test was to evaluate overall performance of the nuclear cruise missile weapon system.

The JTAs are produced by NNSA in support of the Joint Flight Test Program between the Department of Defense and NNSA. The JTAs are built to simulate the actual weapon configuration and use as much war reserve hardware as feasible.

“This successful test illustrates that NNSA and the DoD are committed to ensuring that all weapon systems perform as designed,” said Brig. Gen. Garrett Harencak. “This strong working cooperation is vital to U.S. national security.”

The W80 JTA was on board a B52-H and flown by the 5th Bomb Wing from Minot Air Force Base. The flight was launched on an Air Launched Cruise Missile (ALCM) at the Utah Test and Training Range (UTTR).

The JTA includes a telemetry system which is used to collect and transmit data on the warhead. The data is fed into a reliability model developed by Sandia National Laboratories to evaluate the warhead reliability.

The Air Force assesses missile performance and reliability and NNSA assesses the same for the warhead.”

The full article can be found at: <http://nnsa.energy.gov/2487.htm>

[Return to Top](#)

SELF-STORAGE FACILITIES EYE SENSORS TO DETECT TERRORIST THREATS

By Tessa Gellerson

NDIA

September, 2009

“A 2004 FBI memo to self-storage facility owners warned, “Terrorist plots that involve IED’s [improvised explosive devices] have utilized rental storage facilities to house parts of the bomb or other supplies until the plotters have the time to assemble the weapon or prepare the attack.”

Because of this threat, LifeStorage, a self-storage facility based in Chicago, has more than doubled the money it spends on counterterrorism technology. Potential for covert, illegal activity is especially high at facilities capable of housing cars or trucks and those with 24/7 drive-up access where surveillance is minimal and entry unrestricted, said a company statement.

The company began working with Defentect, a defense technology firm, to install sensors that detect terrorist weapons such as radiological devices used to make so-called dirty bombs.”

The full article can be found at:

<http://www.nationaldefensemagazine.org/archive/2009/September/Pages/Self-StorageFacilitiesEyeSensorstoDetectTerroristThreats.aspx>

[Return to Top](#)

TOBACCO PLANTS YIELD THE FIRST VACCINE FOR THE DREADED ‘CRUISE SHIP VIRUS’

By Richard Alleyne

The Telegraph (UK)

August 19, 2009

“A quick and cheap way of producing a vaccine for norovirus – the so-called cruise ship virus – is being developed by scientists in a technique that uses tobacco plants and can be delivered by a nasal spray.”

.....

“The new vaccine is unique in its origin — it was “manufactured” in a tobacco plant using an engineered plant virus. Eventually the scientists say they will be able to convert it to work for bird and swine flus also.”

The full article can be found at: <http://www.telegraph.co.uk/science/6050626/Tobacco-plants-yield-the-first-vaccine-for-the-dreaded-cruise-ship-virus.html>

[Return to Top](#)

CANADA TO SPEND \$30M SECURING BIO-WARFARE LABS

By Tom Blackwell

The National Post (CA)

August 17, 2009

“Canada plans to spend \$30-million to build a high-level bio-security lab in Kyrgyzstan, the centrepiece of efforts to keep terrorists from getting their hands on anthrax, plague and other dangerous diseases stored in the former Soviet republic.”

.....

“The new lab will be used as the central storage and research facility for pathogens - which also include cholera, brucella and a type of hemorrhagic fever - now found all over the country, said Mr. Smith, manager of the department's biological and chemical non-proliferation program.”

.....

“The federal government will pay for the new centre -- to be based in part on a similar, Canadian lab in Winnipeg - but its operation will be left to the Kyrgyz government, which has embraced the outside help and is anxious to address the problem, he said. Canada is also funding research by some of the Kyrgyz scientists, boosting their incomes for peaceful work.”

The full article can be found at: <http://www.nationalpost.com/news/story.html?id=1902610>

[Return to Top](#)

Chem-Demil News

CSEPP PLANS TO REMOVE 'SAFE ZONES' AFTER DEPOT IS DONE

By Samantha Bates

The East Oregonian

August 13, 2009

“Over the past 14 years, the Chemical Stockpile Emergency Preparedness Program has put a lot of work into making sure schools, hospitals, nursing homes and other big buildings have a place people can go to if there was a chemical emergency.

To do that, it created safe zones with air filtration systems that could hold people for up to 12 hours.

Now CSEPP will have to take out those systems.

With the Umatilla Chemical Depot is in its last campaign - possibly finishing work in 2010 or 2011 -CSEPP and Umatilla County Emergency Management has to be ready to remove all the systems they've put in 39 buildings in Umatilla and Morrow counties.

The Federal Emergency Management Agency, or FEMA, is paying the estimated \$2.73 million to remove all the systems.”

The full article can be found at: <http://eastoregonian.com/main.asp?FromHome=1&TypeID=1&ArticleID=96467&SectionID=13&SubSectionID=48>

[Return to Top](#)

LEXINGTON BLUE GRASS ARMY DEPOT - MUSTARD AGENT DETECTED AT BLUE GRASS ARMY DEPOT

The Richmond Register
August 17, 2009

“Trace amounts of mustard vapor were found Monday inside a chemical agent storage structure or “igloo” that houses mustard agent filled artillery shells at the Blue Grass Army Depot. The mustard vapor was detected during routine weekly monitoring.

Toxic chemical workers have begun the leaker isolation process. Once the leaking munition has been located, it will be overpacked into a leakproof container and moved to a separate igloo that houses overpacked Mustard leaking munitions.

During this process, the igloo is connected to a filter bank to ensure no agent vapor can migrate to the outside atmosphere.”

The full article can be found at:
http://www.richmondregister.com/localnews/local_story_229144610.html

[Return to Top](#)

DISPOSAL OF LEGACY NERVE AGENT GA AND LEWISITE STOCKS AT DESERET CHEMICAL DEPOT

Meeting Information Sheet
The National Academies

“PIN: DEPS-BAST-09-05

Major Unit: Division on Engineering and Physical Sciences

Sub Unit: Board on Army Science & Technology

RSO: Pannella, Harrison

Subject/Focus Area: National Security and Defense

Disposal of Legacy Nerve Agent GA and Lewisite Stocks at Deseret Chemical Depot
September 1, 2009 - September 3, 2009
Keck Center
500 5th Street, NW
Washington D.C. 20001

If you would like to attend the sessions of this meeting that are open to the public or need more information please contact:

Contact Name: Alice V. Williams
Email: awilliams@nas.edu
Phone: 202-334-1652
Fax: 202-334-2620

Agenda:

This meeting will be closed in its entirety.

Closed Session Summary Posted After the Meeting”

The full article can be found at: <http://www8.nationalacademies.org/cp/meetingview.aspx?MeetingId=3746>

ANALYST NOTE: This is a follow-up meeting to one held 21-23 July 2009 and reported in the 10 July 2009 edition of the CB Daily.

[Return to Top](#)

END of CB Daily Report.

Send subscription requests, unsubscribing requests, questions and comments to:

Steve Tesko: Steve.Tesko@anser.org

Copyright 2008. *Analytic Services Inc.*

[Analytic Services Inc. DMCA Copyright Notice: http://www.homelandsecurity.org/bulletin/Draft_ANSER_DCMA_Copyright_Notice.htm](http://www.homelandsecurity.org/bulletin/Draft_ANSER_DCMA_Copyright_Notice.htm)

Use of these news articles does not reflect official endorsement.

In accordance with Title 17 (USC), Section 107, this material is distributed without profit or payment and is intended for nonprofit research and educational purposes only.

Reproduction for private use or gain is subject to original copyright restrictions.

PRIVACY POLICY

Content provided in the *CB Daily Report* does not reflect the viewpoint(s) of Analytic Services Inc. Analytic Services Inc. does not share, publish, or in any way redistribute subscriber email addresses or any other personal information.