

8 January 2010

## **Chem-Bio News**

- 1. [AU] MUSTARD GAS FEARED IN CHEMICAL SPILL:** *"Two people were last night being decontaminated after being exposed to a chemical seeping from military ordnance at a central NSW [New South Wales] recycling facility."*
- 2. TMTI ANNOUNCES SECOND AMENDMENT TO HEMORRHAGIC FEVER VIRUSES RFP:** *"This amendment addresses questions received so far. A previous amendment was posted correcting errors and omissions to the original posting."*
- 3. HANFORD NUCLEAR RESERVATION - DEMOLITION UNDER WAY FOR WATER SYSTEM USED TO COOL REACTORS AMID FEAR OF ATTACKS IN '50S:** *"Two 5-foot-diameter pipes were dimly visible at the bottom of the tunnel. For more than a decade after the Korean War, the pipes were used to carry water pumped from the Columbia River at the rate of 140,000 gallons a minute. The water was treated and used to cool what were for a time Hanford's two newest and most prolific plutonium production reactors."*
- 4. CHINESE FIRMS TRADING WITH IRAN EVADE US SANCTIONS: REPORT:** *"The Chinese firms are continuing to do brisk trade with US companies and the indications are that US sanctions have become so numerous and complex that they have become difficult to enforce, the Wisconsin Project on Nuclear Arms Control said."*
- 5. MI OFFICIAL: IRAN MAY PROVIDE HEZBOLLAH WITH CHEMICAL WEAPONS:** *"Israel must take into consideration the possibility that Iran might provide chemical weapons to Hezbollah, Military Intelligence research chief Brigadier-General Yossi Kuperwasser said Monday."*
- 6. ISRAEL WILL RESPOND TO IRAN'S & HEZBOLLAH'S MISSILES WITH CATASTROPHIC WEAPONS:** *"Next Wednesday and Thursday, Israel will carry the most extensive training exercise in its history. The aim is to prepare the country for the potential threat of biological and chemical warfare missiles which her military and political experts fear Iran or Hezbollah might launch on the Jewish state, or through a series of local terrorist attacks by weapons of mass destruction targeting Tel Aviv or other major Israeli cities."*

## **Chem-Demil News**

- 1. MILESTONES IN U.S. CHEMICAL WEAPONS STORAGE AND DESTRUCTION:** *A fact sheet detailing key dates and events in the modern history of the US CW stockpile.*

# **CB Daily Report**

## **Chem-Bio News**

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### **[AU] MUSTARD GAS FEARED IN CHEMICAL SPILL**

The Australian  
January 08, 2010

"Two people were last night being decontaminated after being exposed to a chemical seeping from military ordnance at a central NSW [New South Wales] recycling facility

About 50 houses near the Inch Street facility at Lithgow were evacuated after a forklift punctured a canister marked "military ordnance" about 3pm.

Fire Brigades Superintendent Ian Krimmer said crews were being flown from Sydney to identify the

chemical. Early reports said it was understood to be mustard gas.

Police said "a small number of people suffered a burning sensation" after being exposed to the substance."

The full article can be found at: <http://www.theaustralian.com.au/news/nation/mustard-gas-feared-in-chemical-spill/story-e6frg6nf-1225817146923>

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## **TMTI ANNOUNCES SECOND AMENDMENT TO HEMORRHAGIC FEVER VIRUSES RFP**

CBRNIAC Email Notice

January 06, 2010

"TMTI has posted a second amendment to the Request for Proposal (RFP) for the Development of Medical Countermeasures (therapeutics) for the Treatment of Hemorrhagic Fever Viruses (HFV). This amendment addresses questions received so far. A previous amendment was posted correcting errors and omissions to the original posting. Click on the link above to obtain more information about the amendment. To learn more about the original RFP, visit FedBizOpps and enter solicitation number W9113M-09-R-0008.."

Link not available.

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## **HANFORD NUCLEAR RESERVATION - DEMOLITION UNDER WAY FOR WATER SYSTEM USED TO COOL REACTORS AMID FEAR OF ATTACKS IN '50S**

By Annette Cary

TriCity Herald

January 07, 2010

"Ray Larson walked the catwalk near the top of a 40-foot-high tunnel at the Hanford nuclear reservation Wednesday that will be rubble at the end of the year.

Two 5-foot-diameter pipes were dimly visible at the bottom of the tunnel. For more than a decade after the Korean War, the pipes were used to carry water pumped from the Columbia River at the rate of 140,000 gallons a minute. The water was treated and used to cool what were for a time Hanford's two newest and most prolific plutonium production reactors.

"It would have been loud," Larson said, imagining the rushing water and the equipment that would have operated in the tunnel.

With \$17.6 million in federal economic investment money, one of the two twin systems that provided water for the K East and K West reactors is being demolished this year.

That will help the Department of Energy meet its goal of cleaning up most of the 210 square miles at Hanford along the Columbia River by 2015. And it will allow further cleanup of the chromium-contaminated soil beneath the K Reactors complex just 400 yards from the river.

Liquid chromium was hauled in tanker train cars to the reactor complex to be mixed into the water and prevent corrosion when it was used to cool the reactors.

The water systems don't have the radioactive contamination that has plagued much of Hanford. It stored and treated the water that was used to cool the core of the reactors.

But they are notable both for their size and their design, which was planned to allow plutonium

production to continue despite feared bombings as the nation worried about attacks during the Korean War.

They're not that different from a common municipal water system, Larson said. Just much larger.

The water system for each reactor could filter 300 million gallons a day. Together that's more than four times the capacity of the system in New Orleans, according to Larson's data.

Construction on the two K reactors and their support facilities, including the water treatment systems, was started during the Korean War, with the reactors beginning operation in 1955.

The reactors and their water systems were planned 2,000 feet apart because of wartime worries of bombings, Larson said. If one was damaged, the other could still operate. Similarly, the water treatment systems were tied together with underground tunnels to allow either to be used for each reactor.

Construction was robust with thick concrete heavily threaded with rebar."

The full article can be found at: [http://www.tricityherald.com/kennewick\\_pasco\\_richland/story/853559.html](http://www.tricityherald.com/kennewick_pasco_richland/story/853559.html)

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## **CHINESE FIRMS TRADING WITH IRAN EVADE US SANCTIONS: REPORT**

Times of India

January 04, 2010

"Chinese companies banned from doing business in the United States for selling military equipment to Iran are evading US sanctions, The Wall Street Journal said late Sunday on its website citing a nonproliferation watchdog group.

The Chinese firms are continuing to do brisk trade with US companies and the indications are that US sanctions have become so numerous and complex that they have become difficult to enforce, the Wisconsin Project on Nuclear Arms Control said."

The full article can be found at: <http://timesofindia.indiatimes.com/world/us/Chinese-firms-trading-with-Iran-evade-US-sanctions-Report/articleshow/5408712.cms>

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## **MI OFFICIAL: IRAN MAY PROVIDE HEZBOLLAH WITH CHEMICAL WEAPONS**

By Gideon Alon and Uri Ash

Haaretz [IS]

January 08, 2010

"Israel must take into consideration the possibility that Iran might provide chemical weapons to Hezbollah, Military Intelligence research chief Brigadier-General Yossi Kuperwasser said Monday.

"The possibility certainly exists," Kuperwasser said in response to a question National Union MK Uri Ariel posed in a Knesset Foreign Affairs and Defense Committee meeting. "This must be taken into consideration."

The full article can be found at: <http://www.haaretz.com/hasen/pages/ShArt.jhtml?itemNo=453411&contrastID=13>

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## **ISRAEL WILL RESPOND TO IRAN'S & HEZBOLLAH'S MISSILES WITH CATASTROPHIC WEAPONS**

By Hamid Ghoriafi

Al-Seyassah [Kuwait] and re-printed on The International Analyst Network

January 07, 2010

“Next Wednesday and Thursday, Israel will carry the most extensive training exercise in its history. The aim is to prepare the country for the potential threat of biological and chemical warfare missiles which her military and political experts fear Iran or Hezbollah might launch on the Jewish state, or through a series of local terrorist attacks by weapons of mass destruction targeting Tel Aviv or other major Israeli cities.

The "Orange Flame" is the name that was given to the campaign according to an Israeli media agency. The training is expected to cover Tel Aviv, Ramat Gan and Holon. It will focus on procedures and tactics required to rescue those injured by biological and chemical weapons. This exercise is going to be carried despite the fact that the state's "Interior Front Command," is working on the distribution of anti-biological and -chemical masks for the entire Israeli population of 4.5 million.”

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“It is worth mentioning that Hezbollah's General Secretary Hassan Nasrallah has made it very clear in his last speeches that his missiles this time will reach Tel Aviv and beyond Tel Aviv, a blatant reference to Israel's nuclear reactors in the Negev desert (Dimona).

According to statements made by Israeli officials that were circulated in European diplomatic and intelligence reports, the Israeli army will not hesitate for one moment to respond to any biological or chemical attacks targeting its cities and villages. It will strongly hit the bombing sources of the missiles with similar devastating weapons that could kill, injure, handicap and disfigure thousands of citizens in southern Lebanon, the Bekaa valley, the Beirut suburbs and the heart of the Gaza Strip and its surrounding areas. These reports described this upcoming war as disastrous to all parties.

The same reports stated that in case Iran strikes Israel with long-range missiles carrying chemical and biological warheads, Israel will respond by devastating air strikes and lethal extremely advanced weapons to target the capital Tehran and other major Iranian cities that are not equipped or trained to handle such a disastrous war like the Israeli cities.

The Haaretz said that the "Israeli National Post" and the "National Post Services" companies have lately won tenders from the Ministry of defense to provide around 4.5 million Israelis (i.e. the entire Israeli population) with anti weapons of mass destruction masks before the end of next February with a cost of three billion shekels.”

The full article can be found at: [http://www.analyst-network.com/article.php?art\\_id=3301](http://www.analyst-network.com/article.php?art_id=3301)

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## ***Chem-Demil News***

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### **MILESTONES IN U.S. CHEMICAL WEAPONS STORAGE AND DESTRUCTION**

US Chemical Materials Agency Fact Sheet

Undated

A fact sheet detailing key dates and events in the modern history of the US CW stockpile.

The full article can be found at: <http://www.cma.army.mil/include/docrendition.asp?DocID=003676918>  
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