

24 February 2010

## **Chem-Bio News**

### **1. BRITAIN MAY NOT NEED NUCLEAR DETERRENT IN FIVE YEARS, SAYS RICHARD**

**DANNATT:** *"Britain may no longer need its independent nuclear deterrent in five or 10 years' time, a former head of the army said."*

**2. GE AND HITACHI WANT TO USE NUCLEAR WASTE AS A FUEL:** *"Reprocessing of nuclear waste to extract more useable fuel has been criticized in the US because it produces pure plutonium, which could be stolen and used to make nuclear weapons. To get around this difficulty, GE Hitachi's proposed method produces a fuel that is much harder to steal."*

**3. JAPANESE OFFICIAL SAYS POLICE WARNED OF 1995 SARIN GAS ATTACK:** *"A former Japanese National Police Agency chief has revealed in an interview that a tip was received prior to the 1995 Tokyo subway sarin gas attack that killed 12 people."*

**4. IRAN TO HIDE NUCLEAR PLANTS INSIDE MOUNTAINS:** *"Iran says it is considering plans to build two new uranium enrichment plants concealed inside mountains to avert air strikes."*

## **Chem-Demil News**

### **1. TOOELE CHEMICAL AGENT DISPOSAL FACILITY – NOTICE OF PUBLIC MEETING:**

*"The purpose of this meeting is to discuss the incineration facility described in the draft NIC [Notification of Intent to Comply] and how compliance with the new source emission standards of the HWC MACT [Hazardous Waste Combustion Maximum Achievable Control Technology] will be met."*

**2. PINE BLUFF CHEMICAL ACTIVITY - EMERGENCY EXERCISE IN PINE BLUFF:** *"A Chemical Stockpile Emergency Preparedness Program (CSEPP) training exercise will be conducted this morning involving the Pine Bluff Arsenal, Pine Bluff Chemical Activity, Arkansas Department of Emergency Management and Jefferson and Grant counties."*

**3. OPCW DIRECTOR-GENERAL VISITS CHEMICAL WEAPONS DESTRUCTION FACILITY IN ANNISTON, USA:** *"At the invitation of the U.S. Government the OPCW Director-General, Ambassador Rogelio Pfirter, paid a visit to the chemical weapons destruction facility (CWDF) at the Anniston Army Depot in Alabama on 17 February 2010. He was accompanied on this visit by Ambassador Ahmet Üzümcü, who will succeed Ambassador Pfirter as Director-General in July."*

# **CB Daily Report**

## **Chem-Bio News**

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**BRITAIN MAY NOT NEED NUCLEAR DETERRENT IN FIVE YEARS, SAYS RICHARD DANNATT**

The Telegraph

February 23, 2010

"Britain may no longer need its independent nuclear deterrent in five or 10 years' time, a former head of the army said."

"Gen Dannatt also called for the decision on when to hold a strategic review of national defence needs to be taken out of the Government's hands, favouring a system like the quadrennial review in the US, which automatically triggers a process every four years."

The full article can be found at: <http://www.telegraph.co.uk/news/newstopics/politics/defence/7298932/Britain-may-not-need-nuclear-deterrent-in-five-years-says-Richard-Dannatt.html>

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## **GE AND HITACHI WANT TO USE NUCLEAR WASTE AS A FUEL**

Physorg.com

February 18, 2010

".....Reprocessing of nuclear waste to extract more useable fuel has been criticized in the US because it produces pure plutonium, which could be stolen and used to make nuclear weapons. To get around this difficulty, GE Hitachi's proposed method produces a fuel that is much harder to steal.

The GE Hitachi process separates wastes from conventional nuclear power plants into three streams, by applying voltage to a molten salt. The first waste material consists of the products of fission, which cannot be further used as fuel and will need to be stored, but the storage time required is reduced from tens of thousands of years to a few hundred years (although a small fraction of the material will still need to be stored for over 10,000 years). The second material is uranium that does not have enough fissile material to be used in the light water uranium reactors in the US, which need enriched uranium, but it can be used by deuterium (heavy water) uranium reactors, which are used in Canada.

The final group of waste products is a mixture of transuranic elements including plutonium and neptunium. The plutonium is not separated from the other elements, and the mixture releases 1,000 times more heat and 10,000 times more neutrons than pure plutonium. This makes it much harder to steal, and therefore less of a security risk, and it is also much easier to detect."

The full article can be found at: <http://www.physorg.com/news185694782.html>

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## **JAPANESE OFFICIAL SAYS POLICE WARNED OF 1995 SARIN GAS ATTACK**

By Paul Tinder

"A former Japanese National Police Agency chief has revealed in an interview that a tip was received prior to the 1995 Tokyo subway sarin gas attack that killed 12 people.

Takaji Kunimatsu told Shizue Takahashi, who lost her husband in the attack, about the tip in a recent interview that comes 15 years after more than 5,000 people were injured in AUM Shinrikyo's sarin gas attack.

"We had information that AUM Shinrikyo might possibly take some kind of action because they expected that their headquarters in Yamanashi Prefecture would be raided on March 22," Kunimatsu said in the interview, The Mainichi Daily News reports.

Kunimatsu said, however, that the information was not specific enough for police to expect AUM would actually carry out the attack.

"It was already known at the time that AUM had sarin," Takahashi said. "And the police could have imagined AUM would use the sarin if they had a tip suggesting they may move to distract a police investigation in some way. We would have wanted them to apologize immediately after the incident."

The full article can be found at: <http://www.bioprepwatch.com/news/212078-japanese-official-says-police-warned-of-1995-sarin-gas-attack>

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## **IRAN TO HIDE NUCLEAR PLANTS INSIDE MOUNTAINS**

ABC News (AU)  
February 23, 2010

"Iran says it is considering plans to build two new uranium enrichment plants concealed inside mountains to avert air strikes.

The announcement from Iran's atomic chief Ali Akbar Salehi drew condemnation from the United States, and came after top US General David Petraeus warned Washington would pursue a "pressure track" against Iran to thwart its galloping nuclear program."

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"Last November, president Mahmoud Ahmadinejad announced Iran would build 10 new uranium enrichment plants not long after Tehran was rebuked by world powers for building a second plant near the Shiite holy city of Qom.

Mr Salehi said the enrichment capacities of the new sites would be similar to the existing facility in the central city of Natanz, where a defiant Tehran is refining uranium despite three sets of UN sanctions."

The full article can be found at: <http://www.abc.net.au/news/stories/2010/02/23/2827362.htm?section=justin>

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

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### **TOOELE CHEMICAL AGENT DISPOSAL FACILITY – NOTICE OF PUBLIC MEETING**

US Army Chemical Materials Agency Monthly Update

February 22, 2010

“The purpose of this meeting is to discuss the incineration facility described in the draft NIC [Notification of Intent to Comply] and how compliance with the new source emission standards of the HWC MACT [Hazardous Waste Combustion Maximum Achievable Control Technology] will be met.”

The meeting will be held Thursday, 04 March 2010 at 1800 hrs. at the Tooele Chemical Stockpile Outreach Office, 54 South Main St., Tooele, UT, 84074.

The full article can be found at: <http://www.cma.army.mil/include/docrendition.asp?DocID=003682393>

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### **PINE BLUFF CHEMICAL ACTIVITY - EMERGENCY EXERCISE IN PINE BLUFF**

KARK4 News

February 24, 2010

“A Chemical Stockpile Emergency Preparedness Program (CSEPP) training exercise will be conducted this morning involving the Pine Bluff Arsenal, Pine Bluff Chemical Activity, Arkansas Department of Emergency Management and Jefferson and Grant counties.

Arsenal and community sirens will be sounded. Off-post emergency officials will also use this opportunity to test their response plans.”

The full article can be found at: <http://arkansasmatters.com/content/news/fulltext?cid=293971>

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### **OPCW DIRECTOR-GENERAL VISITS CHEMICAL WEAPONS DESTRUCTION FACILITY**

## IN ANNISTON, USA

Organisation for the Prohibition of Chemical Weapons (OPCW) Press Release

February 22, 2010

"At the invitation of the U.S. Government the OPCW Director-General, Ambassador Rogelio Pfirter, paid a visit to the chemical weapons destruction facility (CWDF) at the Anniston Army Depot in Alabama on 17 February 2010. He was accompanied on this visit by Ambassador Ahmet Üzümcü, who will succeed Ambassador Pfirter as Director-General in July.

The Director-General and Ambassador Üzümcü were briefed by U.S. authorities on the U.S. chemical weapons destruction programme in general, and on the activities at the Anniston CWDF in particular, and were given a tour of the destruction facility.

During their visit to Anniston they were accompanied by senior U.S. officials, including Dr Arthur Hopkins, Deputy Assistant to the Secretary of Defense for Nuclear and Chemical and Biological Defense Programs, Treaties and Threat Reduction; Mr. Jean D. Reed, Deputy Assistant to the Secretary of Defense for Chemical and Biological Defense and Chemical Demilitarization Programs; Mr Carmen Spencer, Deputy Assistant Secretary of the Army (Elimination of Chemical Weapons); Dr. Robert Mikulak, Executive Director of the U.S. National Authority; Mr Conrad Whayne, Director, U.S. Army Chemical Materials Agency; and Mr. Kevin J. Flamm, Program Manager, Assembled Chemical Weapons Alternatives Program, Department of Defense.

The Anniston CWDF is scheduled to complete destruction of 2.045 metric tonnes of chemical agents - 7.1% of the total amount declared by the United States of America - by the final deadline of April 2012 set by the Chemical Weapons Convention. The facility has thus far destroyed about two-thirds of the Anniston stockpile."

The full article can be found at: <http://www.opcw.org/news/news/article/opcw-director-general-visits-chemical-weapons-destruction-facility-in-anniston-usa/>

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