

12 August 2009

## Chem-Bio News

**1. JIHADIS THRICE ATTACKED PAKISTAN NUCLEAR SITES:** "Pakistan's nuclear facilities have already been attacked at least thrice by its home-grown extremists and terrorists in little reported incidents over the last two years, even as the world remains divided over the safety and security of the nuclear weapons in the troubled country, according to western analysts."

**2. RADIOACTIVE CANADIANS A DAILY OCCURRENCE AT U.S. BORDER:** "Highly sensitive equipment picks out border-crossers who have undergone radiological procedures."

**3. TURKISH SCIENTISTS DEVELOP MATERIAL NEUTRALIZING IMPACT OF CHEMICAL WEAPONS:** "The material named "T 1", which comprises of numerous micro channels and silicate-based ceramic components, absorbs the liquid chemicals that are found on the skin, weapons, clothes, equipment and vehicles or in the fields and buildings."

**4. [IS] AG REJECTS MANBAR'S REQUEST FOR PAROLE:** "Manbar was convicted in 1997 of selling equipment and know-how to Iran for the manufacture of chemical weapons."

**5. EXPERTS SAY NEW SENSING TOOLS COULD HELP EASE CONCERNS ON NUCLEAR TEST-BAN TREATY:** "Technological advances in recent years have greatly enhanced prospects for international watchdogs to detect even small covert nuclear tests, according to a study whose findings address one of the U.S. Senate's concerns from 1999, when it voted against ratification of the Comprehensive Nuclear Test-Ban Treaty."

**6. NORTH KOREA LOOKS AT NEW DEAL OF ITS NUCLEAR CARDS:** "Analysts say Pyongyang now needs to make crucial decisions about whether it should use its limited resources to rebuild its largely inactive Yongbyon plant, which is designed to produce bomb-grade plutonium, start on a full-scale plan to enrich uranium for weapons or use a combination of both."

## Chem-Demil News

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# CB Daily Report

## Chem-Bio News

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### JIHADIS THRICE ATTACKED PAKISTAN NUCLEAR SITES

By Chidanand Rajghatta  
The Times of India  
August 11, 2009

"Pakistan's nuclear facilities have already been attacked at least thrice by its home-grown extremists and terrorists in little reported incidents over the last two years, even as the world remains divided over the safety and security of the nuclear weapons in the troubled country, according to western analysts.

The incidents, tracked by Shaun Gregory, a professor at Bradford University in UK, include an attack on the nuclear missile storage facility at Sargodha on November 1, 2007, an attack on Pakistan's nuclear airbase at Kamra by a suicide bomber on December 10, 2007, and perhaps most significantly the August 20, 2008 attack when Pakistani Taliban suicide bombers blew up several entry points to one of the armament complexes at the Wah cantonment, considered one of Pakistan's main nuclear weapons assembly."

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“Gregory points out that when Pakistan was developing its nuclear weapons infrastructure in the 1970s and 1980s, its principal concern was the risk that India would overrun its nuclear weapons facilities in an armored offensive if the facilities were placed close to the long Pakistan-India border.

As a result, Pakistan, with a few exceptions, chose to locate much of its nuclear weapons infrastructure to the north and west of the country and to the region around Islamabad and Rawalpindi - sites such as Wah, Fatehjang, Golra Sharif, Kahuta, Sihala, Isa Khel Charma, Tarwanah, and Taxila. The concern, however, is that most of Pakistan's nuclear sites are close to or even within areas dominated by Pakistani Taliban militants and home to al-Qaida.”

The full article can be found at: <http://timesofindia.indiatimes.com/news/world/pakistan/Revealed-Jihadis-thrice-attacked-Pakistan-nuclear-sites/articleshow/4879235.cms>

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## **RADIOACTIVE CANADIANS A DAILY OCCURRENCE AT U.S. BORDER**

By Jeff Lee

Canada.com

August 04, 2009

“Highly sensitive equipment picks out border-crossers who have undergone radiological procedures.

In an effort to catch "dirty" radioactive bombs and weapons of terrorists, the U.S. government has in recent years installed highly sensitive radiation sensors at all of its land, sea and air points of entry.

Ten days ago they caught Don Tracey's radioactive blood.

In what one U.S. Customs and Border Protection officer says is now "a daily occurrence," American border agents are pulling aside people who have undergone nuclear medical procedures such as stress tests and radiation treatments. You could say they're now catching Canadians with glowing hearts.

They're also catching everything from glazed plates made with naturally radioactive earth to industrial radiation sources used in surveying equipment.

The discoveries come as a result of the U.S. installing "radiation portal monitors" so sensitive that they can detect radiation emanating from the luminescent dial of an old Second World War military compass.”

The full article can be found at:

<http://www.canada.com/health/Radioactive+Canadians+daily+occurrence+border/1858053/story.html>

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## **TURKISH SCIENTISTS DEVELOP MATERIAL NEUTRALIZING IMPACT OF CHEMICAL WEAPONS**

Today's Zaman

August 11, 2009

“The Scientific and Technological Research Council of Turkey (TÜBİTAK) has developed a material that can absorb liquid chemicals and eliminate the dangerous effects of such chemicals by destroying their structures.

The material named "T 1", which comprises of numerous micro channels and silicate-based ceramic components, absorbs the liquid chemicals that are found on the skin, weapons, clothes, equipment and

vehicles or in the fields and buildings.”

The full article can be found at: <http://www.todayszaman.com/tz-web/news-183558-101-turkish-scientists-develop-material-neutralizing-impact-of-chemical-weapons.html>

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## **[IS] AG REJECTS MANBAR'S REQUEST FOR PAROLE**

By Tomer Zarchin

Haaretz.com

August 11, 2009

“Attorney General Menachem Mazuz recently rejected a request by Nahum Manbar for an early release from prison. Manbar was convicted in 1997 of selling equipment and know-how to Iran for the manufacture of chemical weapons.”

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“Manbar, a businessman, was convicted of aiding an enemy state, attempting to aid an enemy state and passing knowledge to an enemy state with the intention of harming national security. One of the main charges against him was that he gave Iran know-how, including a list of the necessary equipment, that would help it set up factories for the production of two chemical warfare agents, mustard gas and nerve gas. He received millions of dollars in exchange.”

The full article can be found at: <http://www.haaretz.com/hasen/spages/1106385.html>

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## **EXPERTS SAY NEW SENSING TOOLS COULD HELP EASE CONCERNS ON NUCLEAR TEST-BAN TREATY**

By Kathy Sawyer

American Association for the Advancement of Science News Release

August 10, 2009

“Technological advances in recent years have greatly enhanced prospects for international watchdogs to detect even small covert nuclear tests, according to a study whose findings address one of the U.S. Senate’s concerns from 1999, when it voted against ratification of the Comprehensive Nuclear Test-Ban Treaty

A global system of sensors that monitor the Earth’s rocky crust, oceans and atmosphere for tell-tale signs of nuclear explosions has moved from prototype systems in the 1990s to nearly full implementation today. System managers, meanwhile, have launched a process to engage independent scientists and engineers on an ongoing basis to help keep the technology and analysis techniques robust and innovative, study leaders told a 13 July gathering sponsored by the AAAS Center for Science, Technology and Security Policy and the Center for Strategic and International Studies (CSIS).

The International Scientific Study, the most comprehensive international evaluation of verification capabilities to date, was initiated early last year in part because political interest in the treaty was rising again, Ola Dahlman of Sweden, a seismologist, long-time verification expert, and chairman of the study, told an audience of some 200 at the three-hour luncheon session in the Hart Senate Office Building.”

The full article can be found at: [http://www.aaas.org/news/releases/2009/0810testban.shtml?sa\\_campaign=Internal\\_Ads/AAAS/RSS\\_News/2009-08-10/](http://www.aaas.org/news/releases/2009/0810testban.shtml?sa_campaign=Internal_Ads/AAAS/RSS_News/2009-08-10/)

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## **NORTH KOREA LOOKS AT NEW DEAL OF ITS NUCLEAR CARDS**

By Jon Herskovitz

Reuters

August 12, 2009

“North Korea seems in no rush to restore its old plutonium-producing plant, but that does not mean it has given up on building a bomb and it may now be betting on uranium enrichment instead for its next nuclear bargaining chip.

A switch to uranium would alarm Western powers because it could be done away from the prying eyes of U.S. spy satellites, it may lead to enhanced cooperation with Iran and it could lure customer states keen to start their own nuclear arms programs.

Analysts say Pyongyang now needs to make crucial decisions about whether it should use its limited resources to rebuild its largely inactive Yongbyon plant, which is designed to produce bomb-grade plutonium, start on a full-scale plan to enrich uranium for weapons or use a combination of both.

"It makes little sense to restore an obsolete (plutonium-based) nuclear complex. What makes much more sense is for them to work on the highly enriched uranium (HEU) program," said a well-informed South Korean government source, who declined to be named."

The full article can be found at: <http://www.reuters.com/article/newsOne/idUSTRE57B1L920090812>

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

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### **RUSSIA ON PACE TO MEET CHEMICAL DISARMAMENT DEADLINE, GENERAL SAYS**

Global Security Newswire

August 10, 2009

“Russia has reported destroying 37 percent of its arsenal of chemical warfare agents, Interfax reported last week.

The government said Friday it is on schedule to destroy the entire stockpile by 2012, as promised.”

The full article can be found at: [http://gsn.nti.org/gsn/nw\\_20090810\\_1959.php](http://gsn.nti.org/gsn/nw_20090810_1959.php)

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