

Chem-Bio News

1. RUSSIA'S 'DOOMSDAY MACHINE' STILL READY FOR ACTION?: "When triggered by an elaborate system of sensors placed around Russia, the program was designed to launch a fleet of missiles at major targets across the U.S. Some experts estimate that a Russian counter-strike could have killed more than one hundred million Americans."

2. AEOLUS PHARMACEUTICALS' AEOL 10150 EFFECTIVE AGAINST MUSTARD GAS EXPOSURE: "Aeolus Pharmaceuticals, Inc. reported that researchers from National Jewish Health and Lovelace Respiratory Research Institute have completed a series of preliminary studies demonstrating that AEOL 10150 protects lungs from whole mustard gas exposure in rats

3. NUCLEAR SCIENTIST CHARGED OVER TERRORIST LINKS: "French magistrates have charged a nuclear scientist suspected of Al Qaeda links with "membership of a terrorist group" judicial officials said." [Follow-up to CB Daily, 12 Oct. 09]

4. RAILROADS, GOV'T SPAR OVER CHLORINE TRAINS: "Even as the federal government was proposing new safeguards to guard the public against gas leaks caused by accidents or terrorist attacks, the Union Pacific railroad was asking the government for authority to turn down such shipments and chemical makers sued in court to prevent it from imposing higher tariffs, The Fort Worth (Texas) Star Telegram reported Sunday."

5. IRAN WILL ENRICH URANIUM FURTHER IF TALKS FAIL: "Iran warned Saturday it will enrich uranium to a higher level needed to power a research reactor if talks with the U.N. nuclear watchdog and world powers fail to help Iran obtain the fuel from abroad."

6. DHS DND0 SEEKS PLANS TO PROTECT THE PORT OF NY/NJ FROM RAD/NUC THREATS: "Specifically, DND0 is "seeking market information to determine the capabilities in meeting" the Securing the Cities (STC) initiative's maritime program goals, initially for the Port of New York/New Jersey (NY/NJ)."

Chem-Demil News

1. UMATILLA CHEMICAL DEPOT - GROUPS PREPARE TO TOUR CHEMICAL DEPOT: "A tour and workshop is scheduled for 8 a.m. to 4 p.m., Tuesday, Oct. 20 for businesses and private groups interested in purchasing surplus property at fair market value when it becomes available."

CB Daily Report

Chem-Bio News

RUSSIA'S 'DOOMSDAY MACHINE' STILL READY FOR ACTION?

By Ki Mae Heussner
ABC News
Oct. 8, 2009

"From interviews with former Soviet arms officials and Defense Department documents, Nicholas Thompson, a senior editor for Wired magazine and author of "The Hawk and The Dove: Paul Nitze, George Kennan, and the History of the Cold War," learned that the system was built 25 years ago to ensure a nuclear retaliation if Russia were attacked by the U.S.

When triggered by an elaborate system of sensors placed around Russia, the program was designed to launch a fleet of missiles at major targets across the U.S. Some experts estimate that a Russian

counter-strike could have killed more than one hundred million Americans.

And though the Iron Curtain was lifted more than a decade ago, it's believed that the "doomsday" system was never retired, according to Thompson."

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"Now that the Cold War is over, the closely-guarded system, code-named Perimeter, is no longer a secret. Experts on the Russian military have published articles about it since the early 1990s."

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"For his article and book, Thompson spoke at length with Valery Yarynich, a former colonel with the Soviet Strategic Rocket Forces and Soviet General Staff, who helped build the Perimeter system.

But Thompson said that the program is still so under wraps that Yarynich is concerned that his transparency puts him at risk. Apparently, Thompson wrote, a Russian official who spoke with Americans about the program died after a mysterious fall down a flight of stairs -- an ominous sign for others considering speaking."

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"The Russians did consider a more frightening option: A totally automatic, computer-driven nuclear retaliation system.

Called Dead Hand, the program transferred all power to launch a counter-attack from man to machine. But the Russians ultimately rejected that system, according to Hoffman.

The most alarming piece of the equation, he said, is that the U.S. didn't know anything about it."

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"Although he acknowledged that given the top-secret status still attached to this program in Russia, details are hard to come by, Hoffman said that there have been some signs the Russians have started to shut down parts of the system.

But other Russian military experts say that not only is the system most likely still in place, it has received upgrades over the years."

The full article can be found at: <http://abcnews.go.com/Technology/AheadoftheCurve/russias-doomsday-machine-ready-action/story?id=8757004>

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AEOLUS PHARMACEUTICALS' AEOL 10150 EFFECTIVE AGAINST MUSTARD GAS EXPOSURE

The Medical News
October 08, 2009

"Aeolus Pharmaceuticals, Inc. (OTC Bulletin Board:AOLS) reported that researchers from National Jewish Health and Lovelace Respiratory Research Institute have completed a series of preliminary studies demonstrating that AEOL 10150 protects lungs from whole mustard gas exposure in rats. Data were presented at the Regional CounterACT Countermeasures Against Chemical Threats Conference in Albuquerque, NM. There are currently no effective treatments for mustard gas exposure and AEOL 10150 is a major focus of a sponsored research grant awarded by the NIH Counteract program to National Jewish Health to identify an effective treatment. Sulfur mustards have been used in warfare since WWI and still pose a significant threat to civilian and military personnel. Mustard gas exposure

can cause significant blistering of the skin as well as respiratory injury and fibrosis.”

The full article can be found at: <http://www.news-medical.net/news/20091008/Aeolus-Pharmaceuticalse28099-AEOL-10150-effective-against-mustard-gas-exposure.aspx>
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NUCLEAR SCIENTIST CHARGED OVER TERRORIST LINKS

ABC News (AU)
October 13, 2009

“French magistrates have charged a nuclear scientist suspected of Al Qaeda links with "membership of a terrorist group" judicial officials said.

The 32-year-old engineer, who was studying the universe's birth, at the European Organisation for Nuclear Research (CERN), was arrested on Thursday last week by police intelligence.

He has appeared in front of an anti-terrorist magistrate in Paris to be placed under formal judicial investigation and was to hear later in the day whether he will remain in custody pending trial.

Officials said last week that investigators monitoring the internet had intercepted contacts between him and Al Qaeda's North African offshoot.

He had expressed a desire to carry out attacks but had "not got to the stage of carrying out material acts of preparation".

The full article can be found at: <http://www.abc.net.au/news/stories/2009/10/13/2712218.htm>
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RAILROADS, GOV'T SPAR OVER CHLORINE TRAINS

Brotherhood of Locomotive Engineers and Trainmen News Release on United Press International
October 11, 2009

“Even as the federal government was proposing new safeguards to guard the public against gas leaks caused by accidents or terrorist attacks, the Union Pacific railroad was asking the government for authority to turn down such shipments and chemical makers sued in court to prevent it from imposing higher tariffs, The Fort Worth (Texas) Star Telegram reported Sunday.

Trade groups representing chemical makers eventually prevailed as the court struck down a Union Pacific policy charging much higher rates for chlorine gas shipments through major cities such as the Dallas-Fort Worth metroplex, while the U.S. Surface Transportation Board ruled it was the railroad's responsibility to ensure the shipments remain safe.”

The full article can be found at: <http://www.ble.org/pr/news/headline.asp?id=27884>
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IRAN WILL ENRICH URANIUM FURTHER IF TALKS FAIL

By Ali Akbar Dareini
The Associated Press on Google News
October 11, 2009

“Iran warned Saturday it will enrich uranium to a higher level needed to power a research reactor if talks with the U.N. nuclear watchdog and world powers fail to help Iran obtain the fuel from abroad.

Such a step would heighten tensions in the standoff over Iran's nuclear program that are already running high over last month's revelation that the country is building a second enrichment facility."

The full article can be found at:

<http://www.google.com/hostednews/ap/article/ALeqM5jG7bnyWWJfgaYD-JwcqmImpRujwD9B8ER780>

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DHS DNDO SEEKS PLANS TO PROTECT THE PORT OF NY/NJ FROM RAD/NUC THREATS

By Louis Chunovic

Government Security News

October 12, 2009

"Specifically, DNDO is "seeking market information to determine the capabilities in meeting" the Securing the Cities (STC) initiative's maritime program goals, initially for the Port of New York/New Jersey (NY/NJ).

According to the SS/RFI, the Port of NY/NJ, DNDO and regional partners "have been developing analytically-based detection architectures specific to that port. Vulnerabilities in the anti-terrorism force protection, 'defense-in-depth,' for the maritime approaches to New York City (NYC) (with emphasis on Lower Manhattan) require a continued analysis of options designed to encounter, detect, identify, and interdict illicit rad/nuc materials. This systems engineering approach will support the development of a robust, maritime Preventative Rad/Nuc Detection (PRND) capability, to include the planning, organization, equipment, training, exercise, and operational support (POETE/Ops) infrastructure. Additionally, when the NYC effort concludes, the next city that may be selected for the STC effort can use the maritime architecture developed in the NYC area to help guide its efforts to close any maritime PRND gaps that may exist in that city."

The full article can be found at: <http://www.gsnmagazine.com/cms/features/news-analysis/2782.html>

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UMATILLA CHEMICAL DEPOT - GROUPS PREPARE TO TOUR CHEMICAL DEPOT

By Karen Hutchinson-Talaski

The Hermiston Herald

October 10, 2009

"Local businesses and private groups will have the opportunity to discover what the Umatilla Chemical Depot has to offer once all the chemical agent has been disposed.

A tour and workshop is scheduled for 8 a.m. to 4 p.m., Tuesday, Oct. 20 for businesses and private groups interested in purchasing surplus property at fair market value when it becomes available."

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"Participants will learn about the closing of the base and how to submit a notice of intent (NOI) that would qualify them for consideration of some of the assets to be vacated when the Army closes the base. The NOI deadline is 5 p.m., Nov. 23 for those who wish to be considered in the site redevelopment plan.

During the tour, officials will discuss the closure and property disposal process. They will also brief

participants on any known land-use constraints affecting the available property and buildings and discuss the NOI process and schedule.

In addition, there will be a session regarding what might be good uses of the depot land and resources. The session gives participants the opportunity both to indicate their organization's needs and understand the needs of others."

The full article can be found at: [http://hermistonherald.com/main.asp?](http://hermistonherald.com/main.asp?SectionID=1&SubSectionID=1&ArticleID=11726)

SectionID=1&SubSectionID=1&ArticleID=11726

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