

8 April 2009

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2. RECOMMENDATIONS FOR THE SELECTION AND USE OF RESPIRATORS AND PROTECTIVE CLOTHING FOR PROTECTION AGAINST BIOLOGICAL AGENTS: *"This document is based on current understanding of the potential agents and existing recommendations for biological aerosols and is oriented toward acts of terrorism."*

3. IRAN 'USING CHINESE COMPANIES TO BUY NUCLEAR EQUIPMENT': *"Iran has dramatically stepped up covert attempts to buy nuclear equipment over the last six months, often by using Chinese companies as fronts, according to a senior German industrialist."*

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1. TOOELE CHEMICAL AGENT DISPOSAL FACILITY (TOCDF) - MORTAR DISPOSAL CAMPAIGN DELAYED: *"Sampling and analysis, during a slow controlled start-up of HT mortar processing operations, identified higher than anticipated levels of mercury in the furnace exhaust and initiated a scheduling adjustment."*

2. PUEBLO CHEMICAL DEPOT - DEPOT CREWS LOOK FOR LEAK: *"Chemical crews are working this week to isolate the source of mustard agent vapor that triggered an alarm at the Pueblo Chemical Depot last week."*

CB Daily Report

Chem-Bio News

'QAIDA-TALIBAN COMBO HAS CHEMICAL WEAPON FORMULA'

The Times of India
April 6, 2009

"The al-Qaida-Taliban combo plans to use parts of the Middle East as launch pads for attacks against the west. Not only so, the groups have also developed some expertise in making biochemical weapons, NWFP police chief Malik Navid told a Pakistan National Assembly's standing committee.

Navid warned that the Pakistan government needed to urgently focus on containing militancy as it spread from its bases. "Taliban's philosophy is to create pockets everywhere," he said, adding that jihadi groups were moving through southern Punjab and eventually aimed to reach the financial hub of Karachi."

The full article can be found at: <http://timesofindia.indiatimes.com/World/Qaida-Taliban-combo-has-chemical-weapon-formula/articleshow/4363488.cms>

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RECOMMENDATIONS FOR THE SELECTION AND USE OF RESPIRATORS AND PROTECTIVE CLOTHING FOR PROTECTION AGAINST BIOLOGICAL AGENTS

NIOSH Publication No. 2009-132

National Institute for Occupational Safety and Health

April 2009

"Guidance and Standards Associated with the Selection and Use of Protective Clothing and Respirators"

"NFPA 1994 Standard on Protective Ensembles for First Responders to CBRN Terrorism Incidents (2007 Edition), NFPA 1991 Standard on Vapor Protective Ensembles for Hazardous Materials Emergencies (1995 Edition), NFPA 1999 Standard on Protective Clothing for Emergency Medical Operations (2008 Edition) are nationally accepted and Department of Homeland Security (DHS)-adopted performance standards. Protective clothing ensembles certified to these standards should be the first choice when selecting protective clothing for protection against biological agents. Ensembles certified by these standards may be used to meet the applicable level of protection (i.e., A, B, C, and D) outlined by OSHA in the Hazardous Waste Operations and Emergency Response (HAZWOPER) standard, Appendix B. There are also other protective ensembles and clothing items that meet OSHA's specifications available on the market that will provide protection to biological agents. Detailed information on the NFPA standards in relationship to CBRN terrorism events can be found at <http://www.cdc.gov/niosh/docs/2008-132/pdfs/2008-132.pdf>

NFPA 1999 Standard on Protective Clothing for Emergency Medical Operations, 2008 Edition specifies design, performance and certification requirements for protective clothing, including garments, helmets, gloves, footwear, and face protection devices used by emergency medical responders and medical first receivers. This standard includes requirements for a multi-use emergency medical protective ensemble providing minimum protection for upper and lower torso, head, hands, foot and face protection from only biological agents. Protective ensembles certified to requirements in NFPA 1999 should be considered for protection against biological agents."

"Recommendations for the Selection and Use of Protective Clothing and Respirators Against Biological Agents Resulting from a Suspected or Known Terrorism Event"

"The recommendations for personal protective equipment, including respiratory protection

and protective clothing, are based upon the anticipated level of exposure risk associated with different response situations, as follows:

* Responders should use a NIOSH-approved, CBRN SCBA in conjunction with a Level A, protective ensemble (use equipment certified to NFPA 1991 when available as a first choice) in responding to a suspected biological incident where any of the following information is unknown or the event is uncontrolled:

- o The type(s) of airborne agent(s);

- o The dissemination method(s);

- o If dissemination via an aerosol-generating device still is occurring, or it has stopped but there is no information on the duration of dissemination or what the exposure concentration might be;

- o Other conditions may present a vapor or splash hazard.

* Responders may use a Level B protective ensemble (use equipment certified to NFPA 1994 Class 2, NFPA 1992, or NFPA 1971 CBRN protective ensembles when available as a first choice) with an exposed or enclosed NIOSH-certified CBRN SCBA if the situation can be defined in which:

- o The suspected biological aerosol is no longer being generated;

- o Other conditions may present additional hazards, such as a splash hazard. (Note: NFPA 1994 Class 4 does not have a requirement to provide limited protection against liquid or chemical hazards).

* Responders may use a level C protective ensemble (use equipment certified to NFPA 1994 class 3 or 4 or certified as NFPA 1999 protective ensemble when available as a first choice) with a CBRN full facepiece APR or CBRN full facepiece powered air-purifying respirator (PAPR) when it can be determined that:

- o The suspected biological aerosol is no longer being generated;

- o The biological agent and hazard level have been defined;

- o Dissemination was by a letter or package that can be easily bagged.

The full article can be found at: <http://www.cdc.gov/niosh/docs/2009-132/>

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IRAN 'USING CHINESE COMPANIES TO BUY NUCLEAR EQUIPMENT'

Buy Julian Borger
The Guardian (UK)

April 8, 2009

"Iran has dramatically stepped up covert attempts to buy nuclear equipment over the last six months, often by using Chinese companies as fronts, according to a senior German industrialist.

Ralf Wirtz, whose company, Oerlikon Leybold Vacuum, makes pumps that can be used in uranium enrichment centrifuges, said that more than five years after the AQ Khan nuclear smuggling network was exposed by US and British intelligence the black market trade was on the rise again.

"In the last six months I have seen a considerable increase of procurement attempts which - as we are told by government authorities - are for a nuclear programme," Wirtz told the world's leading nuclear experts gathered yesterday at a Washington conference organised by the Carnegie Endowment for International Peace.

He said Iran was seeking to buy equipment for its nuclear programme using increasingly sophisticated methods. Instead of using trading companies as fronts, Wirtz said Iran had recently placed orders for sensitive equipment through engineering companies that have legitimate uses for it. He gave the example of a recent attempt to buy his company's pumps through a Chinese engineering firm."

The full article can be found at: <http://www.guardian.co.uk/world/2009/apr/08/iran-nuclear-programme-china>

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CHINESE FINANCIER LE FANG WEI INDICTED IN PLOT TO SEND NUCLEAR MATERIALS TO IRAN

By Melissa Grace
NY Daily News
April 7, 2009

"A Chinese financier who peddles nuclear weapons material to Iran was indicted Tuesday for illegally running tens of millions of dollars through a half-dozen New York banks.

Le Fang Wei, 37, duped six unwitting banks with an assortment of aliases and phony businesses despite a federal banking ban against him, Manhattan District Attorney Robert Morgenthau said.

The deception allowed Wei and his company to continue banking in U.S. dollars - and to continue selling banned weapons material to the Iranian military, the indictment said.

Wei was charged with conspiracy and falsifying records. The Daily News exclusively reported details of the plot Tuesday."

The full article can be found at: http://www.nydailynews.com/news/us_world/2009/04/07/2009-04-07_chinese_financier_le_fang_wei_indicted_i.html

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Chem-Demil News

TOOELE CHEMICAL AGENT DISPOSAL FACILITY (TOCDF) - MORTAR DISPOSAL CAMPAIGN DELAYED

US Army Chemical Materials Agency News Release

April 6, 2009

"Officials have halted processing of HT mustard agent-filled 4.2-inch cartridges (mortars) today and have resumed bulk container disposal operations at the Tooele Chemical Agent Disposal Facility (TOCDF).

Sampling and analysis, during a slow controlled start-up of HT mortar processing operations, identified higher than anticipated levels of mercury in the furnace exhaust and initiated a scheduling adjustment.

While mercury emissions were within permitted limits, the Army is committed to ensuring maximum protection of the environment and has delayed further processing of the mortars.

Disposal of the remaining stockpile of mortars will resume this fall once TOCDF's new mercury filtration and capture system is operational. The mercury filtration and capture system is currently being installed and is expected to be ready for testing this fall. The equipment will use sulfur-impregnated charcoal filters, which will capture mercury from furnace flue gases, ensuring environmental protection."

The full article can be found at: <http://www.cma.army.mil/fndocumentviewer.aspx?docid=003680406>

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PUEBLO CHEMICAL DEPOT - DEPOT CREWS LOOK FOR LEAK

By John Norton

The Pueblo Chieftain

April 7, 2009

"Chemical crews are working this week to isolate the source of mustard agent vapor that triggered an alarm at the Pueblo Chemical Depot last week.

An Army spokesman said that workers detected a low level of vapor and placed a charcoal filter on the igloo's vent and kept the doors closed."

The full article can be found at: http://www.chieftain.com/articles/2009/04/07/news/breaking_news/doc49db8fa1246ac037061767.txt

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