



TV

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IAEA NUCLEAR ANALYSIS LABORATORY AT RISK

VIDEO

SCIENTIST AT THE
LABORATORY WITH EQUIPMENT
AND SAMPLES

COMPUTER SCREEN /
EXTERNAL SHOT OF
LABORATORY

BOARD ROOM AND DELEGATES

DR MOHAMED ELBARADEI, IAEA
DIRECTOR, ON CAMERA

AUDIO

NARRATION

The laboratory used to analyse nuclear samples taken in Iran and other countries, is badly outdated, putting its work at risk, says the International Atomic Energy Agency. (11)

The analysis provided by the Safeguards Analytical Laboratory in Seibersdorf, Austria, is key to detecting whether countries are diverting nuclear materials to make weapons. (10)

IAEA chief, Mohamed ElBaradei, warned of "chronic and corrosive" under-funding at a recent Board of Governors meeting in Vienna. (8)

DR MOHAMED ELBARADEI: (English) **M**

"To put it plainly, the Agency's ability to provide independent and timely analysis of safeguard samples, one of the cornerstones of the safeguards regime, is at risk because of aging technical infrastructure and analytical equipment at our Safeguards Analytical Laboratory." (13.5)

NARRATION

GLOVED HANDS HANDLE
SAMPLES / COMPUTER SCREEN

Almost 40 million Euros is needed. One third of which, to replace aging equipment, and install latest detection tools -- like a mass spectrometer.

(8.5)

Gabriel Voigt is the director of Seibersdorf laboratory. (3.5)

GABRIELE VOIGT: (English) **F**

GABRIELE VOIGT ON CAMERA

"You can measure also plutonium, and plutonium is of course important in respect to illicit trafficking or to the production of nuclear bombs." (7)

NARRATION

INSPECTORS COLLECT SAMPLES

Inspectors bring back about 2000 samples from nuclear facilities across the globe every year for analysis at the lab. The samples arrive in many forms. From a swipe of dust or water; to dirt samples like these taken in Iraq before the 2003 war. (16)

The independent, scientific data reinforced the IAEA's finding that Saddam Hussein had not expanded his nuclear program. (8.5)

GABRIELE VOIGT: (English) **F**

GABRIELE VOIGT ON CAMERA

"We need to upgrade because the laboratory, specifically this part where the nuclear samples are being analyzed - these can be also very hot samples, high in radioactivity - is more than 30 years old and of course after 30 years you have a degrading infrastructure. And we have looked

EXTERNAL SHOT OF
LABORATORY

*into the possibility for renovation, but renovation
would in the end cost more than building a
complete new laboratory.” (26)*

UN LOGO

NARRATION

This is report was prepared by Kirstie Hansen for
the United Nations.