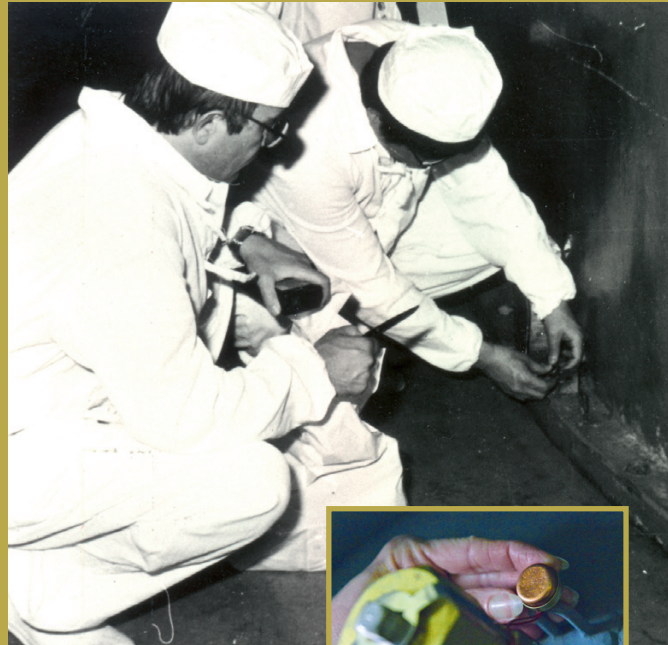


NUCLEAR VERIFICATION

The IAEA applies technical measures, or ‘safeguards’, to verify that States are honouring their international legal obligations to use nuclear material only for peaceful purposes. Its independent verification work allows the IAEA to play an indispensable role in deterring the proliferation of nuclear weapons.

The implementation of the ‘Road-map for the Clarification of Past and Present Outstanding Issues regarding Iran’s Nuclear Program’ agreed between Iran and the IAEA and of the Joint Comprehensive Plan of Action (JCPOA) — agreed between China, France, Germany, the Russian Federation, the United Kingdom, the United States of America, the High Representative of the European Union and Iran — have opened a new phase in relations between Iran and the IAEA.

The enhanced capabilities of the IAEA’s Safeguards Analytical Laboratories have strengthened the IAEA’s ability to conduct timely and independent analyses of nuclear material samples and ensure quality control to maintain confidence in analytical findings used for safeguards purposes.



IAEA inspectors apply seals to a reactor containment shield at the Kozloduy nuclear power plant in Bulgaria. These specialized seals are attached to protect against any unauthorized or undeclared access to or removal of nuclear material without detection.

Photo: Kozloduy nuclear power plant/Bulgaria

An IAEA safeguards inspection team in Iraq in December 2002. The discovery of Iraq's clandestine nuclear programme in the early 1990s was followed by a substantial strengthening of the effectiveness of IAEA safeguards.

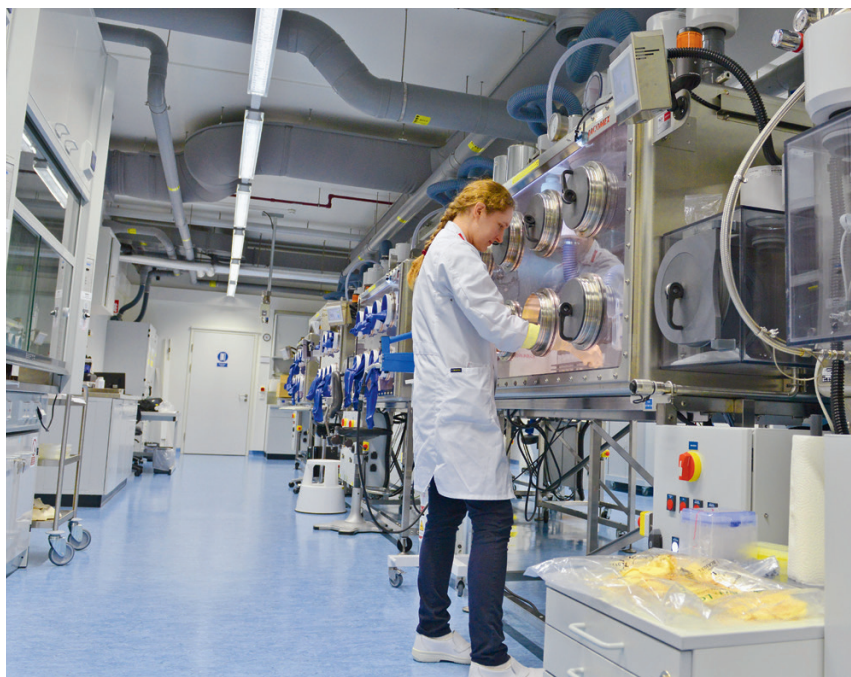
Photo: IAEA



An IAEA safeguards inspector measuring low enriched uranium in a cylinder at the URENCO Almelo enrichment plant in the Netherlands in 2015.

Photo: IAEA

NUCLE VE



Staff at the plutonium laboratory of the newly constructed IAEA Nuclear Material Laboratory in Seibersdorf, Austria. Completed in 2015, this laboratory will significantly enhance the IAEA's capabilities for the analysis of nuclear and environmental samples.

Photo: IAEA



Safeguards inspectors play an important role in the global non-proliferation regime, carrying out verification activities under safeguards agreements at locations all around the world, such as at the Dukovany nuclear power plant in the Czech Republic in 2015.

Photo: IAEA

EAR RIFICATION

IAEA Director General Yukiya Amano and Vice President of the Islamic Republic of Iran Ali Akbar Salehi after the signature of the 'Road-map for the Clarification of Past and Present Outstanding Issues regarding Iran's Nuclear Program' in Vienna on 14 July 2015.

Photo: IAEA

