RRRFR PROGRAM

(Russian Research Reactor Fuel Return):

Altogether 24 shipments of highly enriched fuel (HEU) from 14 countries have taken place, only Poland remains to be completed.

- So far ÚJV Řež, a. s. has participated on 14 shipments from 10 countries
- Number of used fuel assemblies removed: 3585

MNSR PROJECT

(Conversion of MNSR reactors to low-enriched uranium)

Chinese-built Miniature Neutron Source Reactor:
- low-power (~30 kW) neutron source research reactor
- contains approx. 1kg of highly enriched uranium (90 %)
- used for neutron activation analysis, education and training
- used in China, Ghana, Iran, Nigeria, Pakistan and Syria

ÚJV ŘEŽ activities:
- licensing support
- dry runs and training of local staff
- equipment delivery, maintenance, inspection
- on-site technical support
- support for loading and unloading, cask manipulation

ÚJV ŘEŽ, a. s. partner of Global Threat Reduction Initiative
Planned shipments to China

2016

GHANA
Accra

2017-2018

NIGERIA
Zaria

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- New ŠKODA MNSR cask internals manufactured by ŠKODA JS a. s.