

Current situation in Ukraine and challenges

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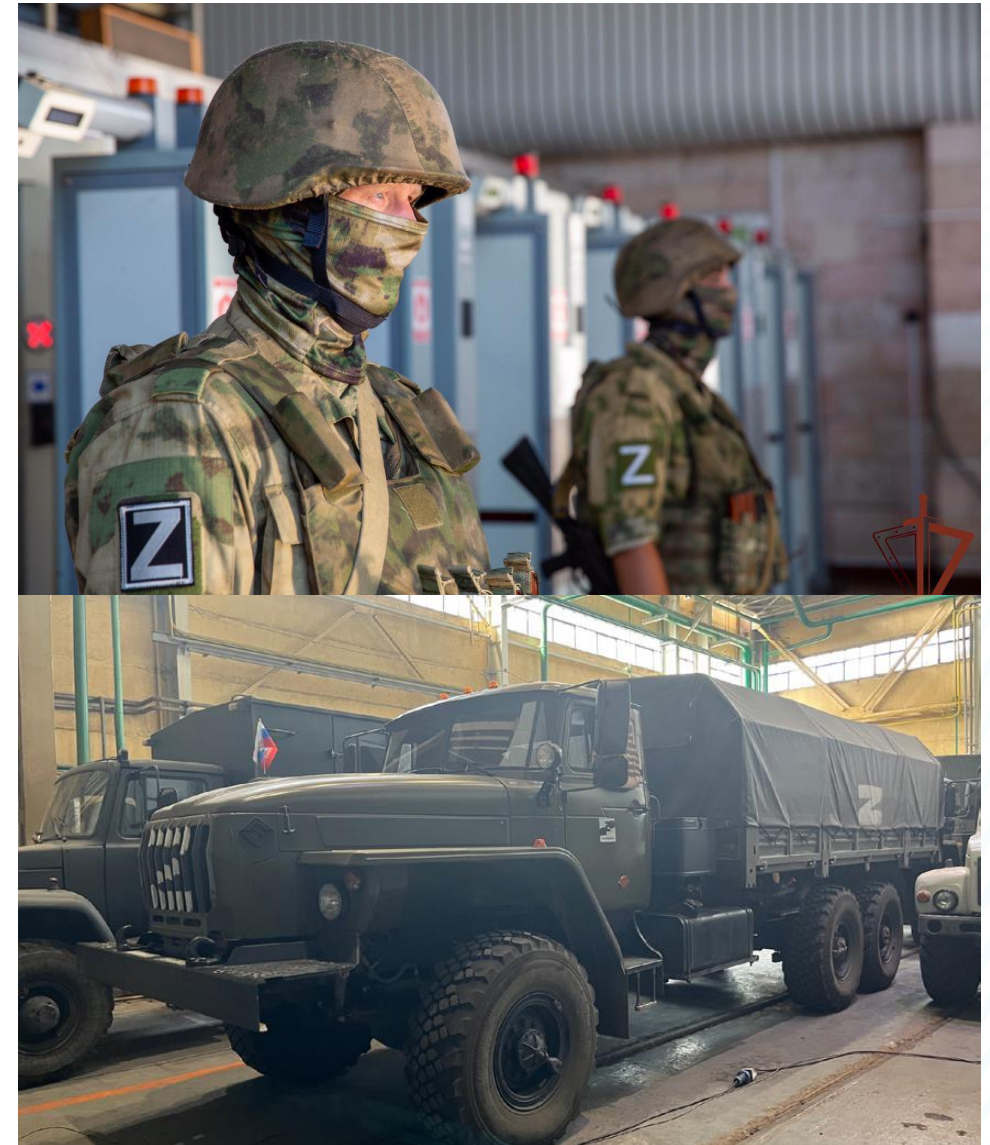




For more than two years, the ZNPP remains under the russian occupation, in gross violation of international law, nuclear safety standards, rules and regulations.

Threats:

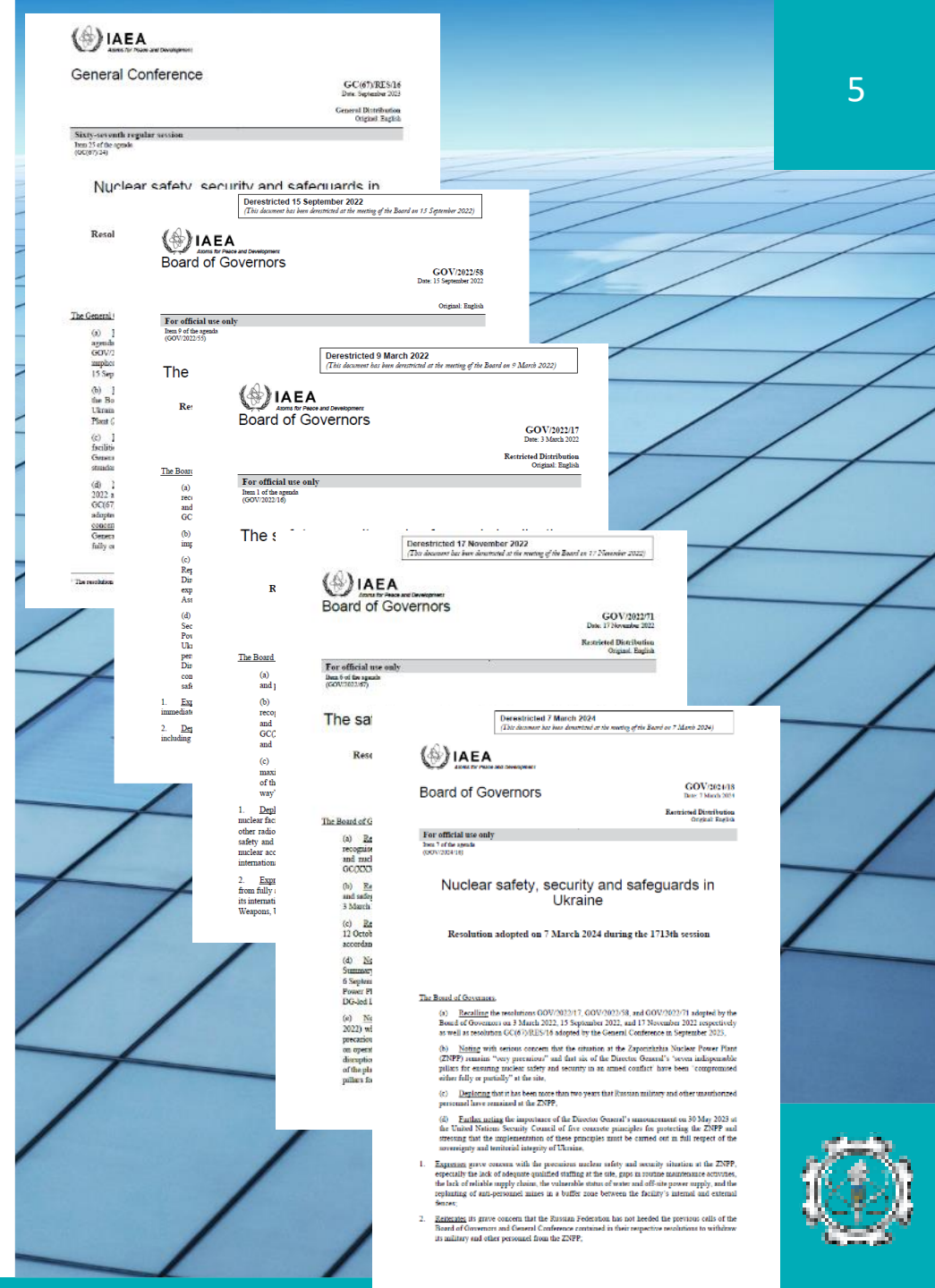
- Military assault of peaceful nuclear installation,
- Continuous shelling of the site and surrounding territory,
- Mining of the SSCs and territory,
- Placing of firepoints and razor wiring at the Unit`s roofs and ZNPP routes,
- Placing military vehicles on the turbine buildings of Units 1,2,3,4 (without possibility to check cargo) and at the different places at the site,
- Strengthen pressure on ZNPP staff, fearing, kidnapping and torturing,
- Collapse of physical protection system,
- Illegal modifications to nuclear installations design,
- Illegal presence on site of the unauthorized personal, including from rosatom and rostechnadzor,
- Interference to the normal chain of command,
- Total degradation of emergency preparedness and response system,
- Destruction of the supply chains,
- Lack of regular maintenance, repair, spare parts and materials,
- Consequential serious degradation of equipment
- Losses of the offsite power,
- Blocking of data transmission from automated radiation monitoring system,
- Destruction of the Kakhovka hydro power plant (Ultimate heatsink).



IAEA BG and GC “Calls for the urgent withdrawal of all unauthorized military and other unauthorized personnel from Ukraine’s ZNPP and for the plant to be immediately returned to the full control of the competent Ukrainian authorities consistent with the existing license issued by the State Nuclear Regulatory Inspectorate of Ukraine (SNRIU)”

Occupants scot-free violates
IAEA GC resolution GC(67)/RES/16 and
IAEA BG resolutions GOV/2022/17,
GOV/2022/58, GOV/2022/71,
GOV/2024/18.

The authority of international organizations
whose decisions are ignored by the aggressor
country is called into question



Ukraine, as a reliable partner, consistently continue make efforts to maintain international nuclear safety and security.



Pillar # 5. There must be uninterrupted logistical supply chains and transportation to and from the sites

SE «NNEGC «Energoatom» Separated Subdivisions:

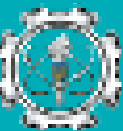
- **«Atomremontservice»**
- **«Automation & Mechanical Engineering»**
- **«Emergency Technical Center»**
- **«Atomenergomash»**
- **«Scientific & Technical Center»**



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Westinghouse fuel for VVER-1000 units

Pivdennoukrainsk NPP

Unit 1	Unit 2	Unit 3
Planned FA-WR introduction in the 2024 refueling outage	Full Westinghouse	Full Westinghouse

Rivne NPP

Unit 3	Unit 4
$\frac{1}{2}$ Westinghouse, $\frac{1}{2}$ TVEL (rf).	$\frac{1}{4}$ Westinghouse, $\frac{3}{4}$ TVEL (rf).

Khmelnitsky NPP

Unit 1	Unit 2
Planned FA-WR introduction in the 2024 refueling outage	Planned FA-WR introduction in the 2024 refueling outage

Zaporizhzhya NPP

Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
Full Westinghouse	Planned FA-WR introduction	Full Westinghouse	Full Westinghouse	Full Westinghouse	Planned FA-WR introduction

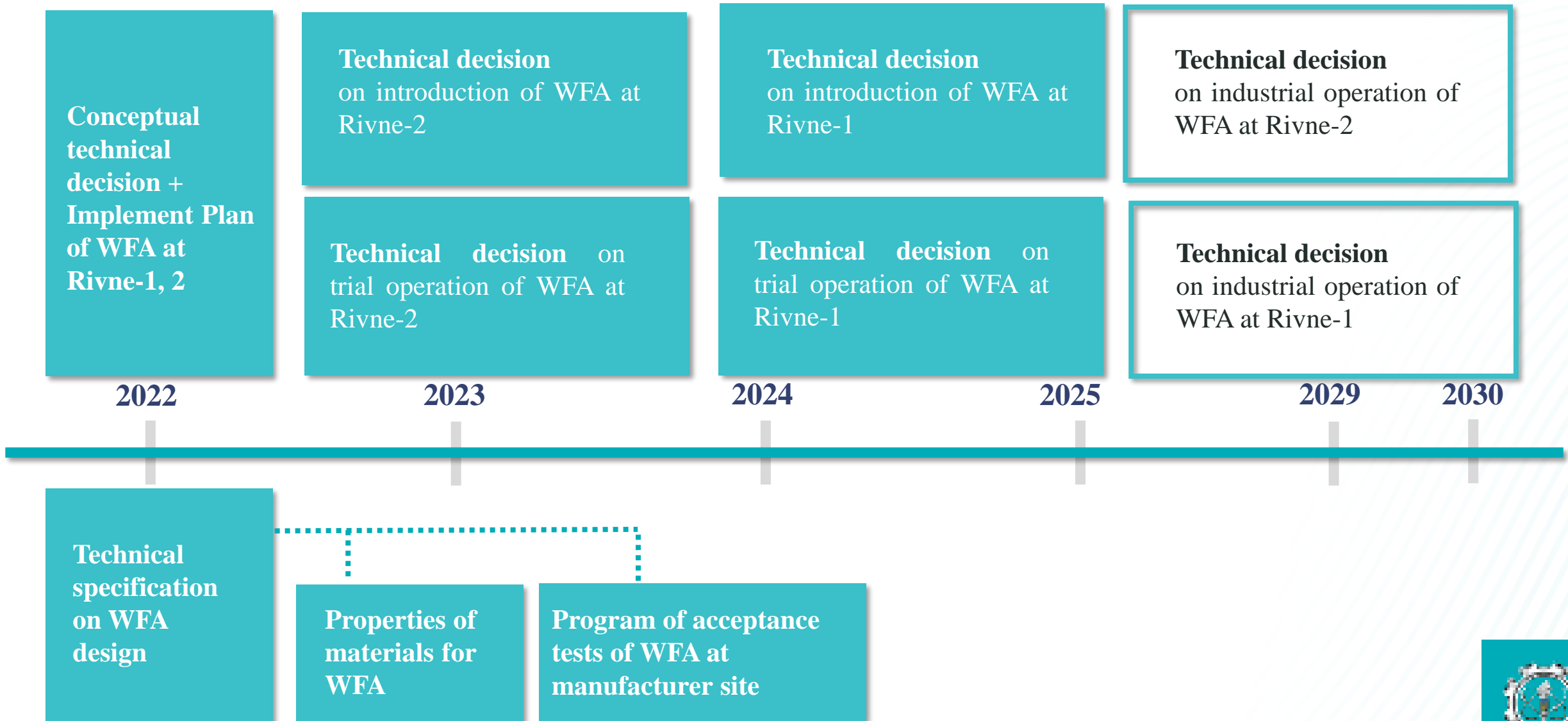
WAR INFLUENCE

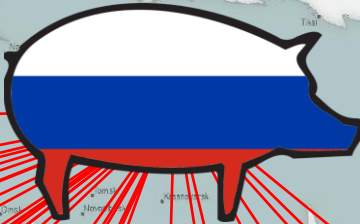
In connection with the russian aggression against Ukraine, Energoatom made a decision to refuse from the supply of TVEL fuel since February 2022.



Introduction Westinghouse fuel on VVER-440 units

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World Nuclear Expansion of russians

A huge number of russians continues to work at the IAEA in interests of terrorist state. Representatives of invaders are invited to all IAEA events, including the highest level, despite the sanctions against russia. IAEA conduct international events on russia territory, continuously and strongly supports on international level the actions of rosatom and rostechnadzor, which voluntarily takes direct part on ZNPP occupation.

IAEA practice of russians “note verbal” publications by means of IAEA informational circulars contradicts with UN Charter and IAEA Statute, because in result the IAEA documents contains the russian propaganda statements and legalize the unlawful occupation of ZNPP and territories of sovereign Ukraine



Conclusions:

- Nuclear safety and security situation at ZNPP is worsen, and most terrible prognoses became true, despite the Ukrainian and IAEA efforts.
- The only sustainable legal basis to ensure ZNPP safe and secure operation – to force russian occupants urgently withdrawal of all unauthorized military and other unauthorized personnel from Ukraine's ZNPP, and to immediately returned ZNPP to the full control of the competent Ukrainian authorities consistent with the existing licenses issued by the State Nuclear Regulatory Inspectorate of Ukraine (SNRIU).
- russian terrorist state maintain the significant influence on UN and IAEA, thus these international organizations shows low efficiency and makes impartiality impossible.
- russian federation scot-free violates UN GA and IAEA GC / BG resolutions.
- There is no international mechanism for bringing to justice countries that violate international law, principles of nuclear safety and the peaceful use of nuclear energy.



Proposals

- Put pressure on russians as IAEA member state and BG member, which ignores safety principles and limits ISAMZ experts access to ZNPP compartments, areas and equipment for comprehensive safety assessment
- Reconsider the restriction of russian federation rights and privileges at IAEA and other international organizations.
- Refuse cooperation with any of russian authorities, companies, including tied with.
- Support the de-occupation and demilitarization of the ZNPP and Ukraine at the highest level.



Thank you for your attention



Our information resources



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