



**IAEA**

International Atomic Energy Agency  
*Atoms for Peace and Development*

# Nuclear Safety and Security in Ukraine

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# Assessing and informing

## Assessing Nuclear Safety and Security

- Daily calls with Ukraine
- Unprecedented situation, specific issues for safety and security
- Definition of the 7 seven indispensable pillars for ensuring safety and security during this military conflict
- Focus on safety and security implications

## Informing the international community

- DG's daily updates
- Special Board of Governors
- Participation in meetings (ENSREG, EBRD, etc.)
- DG's Summary Report



# IAEA's assistance for safety and security



## **Delivery of equipment**

- any equipment needed for the safe and secure operation of nuclear facilities

## **Technical assistance**

- For nuclear installations, radioactive waste management facilities, other facilities involving radioactive sources or nuclear material
- Status of the facilities with regard to safety and security
- Implementing or strengthening radiation protection measures and environmental monitoring
- Addressing safety and security regulatory issues
- As needed, search and collection of radioactive sources, removal and further safe and secure storage and disposal

## **Rapid deployment assistance as needed**

# Delivery of equipment

## IAEA Coordination

=> address priority needs, avoid duplications

Ukraine's requests

Member States'  
contributions

Comprehensive list  
submitted to the IAEA on  
22 April, supplement list  
submitted on 29 April

Offers (donation) submitted  
through the IAEA - RANET

Extrabudgetary  
contributions (procurement)

Bilateral agreements  
(Member States, EC)

# Technical assistance

## Chornobyl site

- Monitoring of the situation since 24 February
- Assessment of specific safety and security issues
- Radiation data monitoring and measurements
- Technical meetings on site in April and May



## Zaporizhzhia NPP

- Decision-making process for nuclear safety and security
- Supply chains and maintenance
- Security arrangements
- Emergency and preparedness arrangements
- Regulatory activities



## Other nuclear facilities and activities

- Kharkiv Neutron source
- Radon facilities
- Radioactive sources

# Lessons drawn from the last 4 months?



## **Nuclear safety and security during an armed conflict**

- In a nuclear power country with a wide range of nuclear facilities
- Significant implications on safety and security
- Due to technical issues, but also major human issues, and beyond
- The IAEA primary objective: providing efficient assistance to Ukraine to prevent a nuclear or radiological accident
- Reactivity and flexibility to meet Ukraine's specific needs and expectations

## **Looking ahead**

- Continuation of the delivery of equipment until completion
- Fully committed to delivering technical assistance as appropriate
- Further coordination with MSs and other organizations to ensure efficient provision of assistance to Ukraine
- Further investigate the potential need for additional guidance on safety and security during a military conflict





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*Thank you for your  
attention*

