

INFORMATION DIGEST

JUNE 2 - 4, 2023



Status of the Ukrainian nuclear power plants and the nuclear industry of Ukraine

- According to SE "NNEGC "Energoatom", as of June 02 - 04, 2023, 9 power units of Ukrainian nuclear power plants, which are located on the territory controlled by Ukraine, worked to meet the needs of the population and the country's economy.

Current situation on Zaporizhzhya NPP

- According to the SE "NNEGC "Energoatom as of June 02 - 04, 2023, the Zaporizhzhya NPP received power for its in-house needs from the energy system of Ukraine. The radiation situation at the ZNPP site remains normal.
- The russians have almost completely degraded the emergency readiness and response system at the Zaporizhzhya Nuclear Power Plant (ZNPP). The International Atomic Energy Agency (IAEA) is yet to react to this situation. Source: press service of the State Nuclear Regulatory Inspectorate (SNRI). The occupiers continue to put great pressure on the ZNPP staff, resorting to intimidation, searching private residencies of the employees, banning any contact with those currently in the Ukraine-controlled territory. They've been hindering the attempts of the ZNPP staff to leave the occupied territories and threatening to confiscate their property. "Due to the occupiers dismantling or stealing the important elements of systems, putting computer equipment out of order etc. repairing the physical protection system of the power plant requires significant efforts and resources. The occupiers have almost completely destroyed the emergency response system at the ZNPP," the SNRI reported. Following the orders of the occupying administration, nuclear terrorists blocked the transfer of information from the automated control system of the radiation background at the ZNPP. "The Ukrainian regulator has informed the IAEA about this incident, which is a threat to safety at the ZNPP. IAEA has not yet provided the plan of possible measures it can take in order to put this situation under control," Oleh Korikov, the acting head of SNRI, stated during an online meeting with international partners. He stressed once again that repairing the nuclear safety and protection systems at the ZNPP is only possible on the condition of full liberation and demilitarisation of the power plant.
- The Zaporizhzhya Nuclear Power Plant has been cut from external backup power supplies for three months, which makes it extremely vulnerable and dangerous in the event of a single power transmission line failure. Source: This is mentioned in the statement of the IAEA. Details: It is noted that the ZNPP continues to rely on the only remaining operational 750 kilovolt (kV) power line for the external electricity it needs for reactor cooling and other essential nuclear safety and



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security functions. A back-up 330 kV power line that was damaged on 1 March on the other side of the Dnipro River as seen from the russian-controlled ZNPP still has not been repaired, with Ukraine saying that military action has prevented its experts from safely accessing the location situated in territory it controls to repair the line. Quote: " The lack of any back-up options means that when the 750 kV line is cut – as happened most recently on 22 May – Europe’s largest nuclear power plant (NPP) is forced to rely on emergency diesel generators as a last line of defence, clearly an unsustainable situation.", the IAEA emphasises. IAEA Director General Rafael Grossi stresses the importance of following the five principles established by the agency to protect the site during military conflict. Quote: " One of the five concrete principles that the Director General presented to the United Nations Security Council on 30 May – aimed at preventing a nuclear accident – states that off-site power to the ZNPP "should not be put at risk" and that "all efforts should be made to ensure that off-site power remains available and secure at all times," the statement said. The other principles outlined in Tuesday’s meeting at the UN Security Council included commitments not to launch any attacks from the plant and not to hit it; not to use it as storage or a base for heavy weapons, and to protect structures, systems and components essential to its safe and secure operation from attacks or acts of sabotage. Grossi plans to visit the ZNPP soon, which will be his third visit there. Reminder: russia has not agreed to abide by the five principles outlined by Rafael Grossi on Tuesday, which are supposed to protect the ZNPP. Ukraine, in turn, suggested adding two more principles to them.

Current situation on Chornobyl NPP and in the Exclusion Zone

- On June 02 - 04, 2023, the radiation situation at the ChNPP site was without changes. The monitored parameters of the equipment were within the boundaries set by the technological regulations. Operating personnel continues to ensure nuclear and radiation safety.

War in Ukraine

- The 467 day of the resistance of Ukraine to the russian military invasion has ended.
- According to the General Staff of the Armed Forces of Ukraine, russian forces are continuing to focus their main efforts on establishing full control over Donetsk and Luhansk oblasts. Over the course of Saturday, 3 – 4 June, Ukraine’s defence forces repelled all russian assaults.
- There is no evidence that russia is forming offensive units on the northern fronts, and the operational situation there remains much the same as before.
- On the northern-east fronts, russia continues to maintain its forces in areas near the russian-Ukrainian border. On Saturday, russian troops carried out 10 attacks in Sumy Oblast, injuring one person and destroying infrastructure. 87 explosions were observed during the day.
- russian forces are on the defensive on the southern fronts [Zaporizhzhya and Kherson].
- Over the course of the past 24 hours, Ukraine’s defence forces have struck 15 areas where russian manpower was concentrated, including 4 ammunition storage



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points, 2 anti-aircraft missile systems and 4 electronic warfare stations.

- Oleksii Danilov, Secretary of the Ukrainian National Defence and Security Council, has stated that Russian losses in the battles for the city of Bakhmut over the past six months have amounted to almost 23,000 soldiers, while Ukraine's losses are 7.5 times lower.
- On the night of 3-4 June, an air raid warning was issued throughout Ukraine. Ukraine's defence forces destroyed four out of six Kh-101/Kh-555 cruise missiles and six out of eight Shahed-136/131 attack drones Russia launched on Ukraine on the night of 3-4 June. Russian forces conducted a total of 7 missile strikes and 25 airstrikes and deployed multiple-launch rocket systems (MLRS) to conduct around 20 further attacks on positions of Ukrainian troops and on civilian settlements, injuring civilians and damaging private residential houses, educational establishments, and other civilian and administrative infrastructure facilities.
- On Saturday evening, Russians hit suburbs of Dnipro: 20 injured, including 5 children, people still under rubble. The two two-storey residential buildings between which the Russian missile hit were partially destroyed, and 10 private houses, a car, a shop, and gas pipelines were also damaged. The body of a 2-year-old child was recovered from the rubble of a house in Dnipro region on the night of 3-4 June.
- According to the Kyiv City Military Administration on the night of 3-4 June, Ukrainian anti-aircraft defence forces destroyed all Russian air targets trying to attack Kyiv before they could reach the capital. Everything heading towards the city was destroyed by anti-aircraft fire at long range.
- Two Russian missiles hit airfield near the city of Kropyvnytskyi [central Ukraine].

Sources: t.me/V_Zelenskiy_official, t.me/energoatom_ua, Centre for Strategic Communication, Ministry of Defense of Ukraine, the National Police of Ukraine censor.net, Ukrainska Pravda, radiosvoboda.org, euointegration.com.ua



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The number of people injured in a russian missile attack on the night of June 3-4 on the Pidhorodne hromada in Dnipropetrovsk Oblast [a hromada is an administrative unit designating a town, village or several villages and their adjacent territories – ed.] has risen to 20, including 5 children. Three of the children are in a serious condition.



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DEAR COLLEAGUES

THE UKRAINIAN NUCLEAR SOCIETY IS ACTIVELY ENGAGED IN VOLUNTEER ACTIVITIES, HELPING OUR COLLEAGUES FROM NUCLEAR POWER PLANTS, REFUGEES FROM THE ZAPORIZHZHIA NPP, AS WELL AS OUR MEMBERS WHO JOINED THE ARMED FORCES TO DEFENDED OUR COUNTRY.

SUPPORT THE ANS-ENS UKRAINIAN NUCLEAR WORKERS HUMANITARIAN FUND

WE ARE VERY GRATEFUL FOR ANY HELP AND SUPPORT!

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PRESENTATION ABOUT VOLUNTEER ACTIVITIES

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Support Ukraine's nuclear workers and their families impacted by war.

