

# INFORMATION DIGEST

MARCH 11-13, 2024



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

- According to the JSC "NNEGC "Energoatom", on March 14, 2024, seven power units of Ukrainian nuclear power plants located in the territory controlled by Ukraine are in operation. All the power units operate at rated power. On March 13, at 17:48, the second power unit of the Khmelnytsky NPP was disconnected from the network. A fluctuation in the axial shift parameter of the rotor of the high-pressure cylinder of the turbine unit was recorded with an increasing trend. In conditions of surplus in the electricity market, it was decided to turn off the turbine unit to determine and eliminate the causes of the deviation. For now the total capacity of the Ukrainian operating nuclear power plants is 5900 MW.
- According to the International Atomic Energy Agency, the IAEA teams present at the Khmelnytsky, Rivne and South Ukraine NPPs as well as at the Chernobyl site have reported that nuclear safety and security is being maintained despite the challenging war-time circumstances, including the frequent sound of air raid alarms at some of the facilities.

### Current situation on Zaporizhzhya NPP

- According to the JSC "NNEGC "Energoatom" on March 11-13, 2024, the Zaporizhzhya NPP received power for its in-house needs from the energy system of Ukraine. The exposure dose rate of gamma radiation in the area where the Zaporizhzhya NPP complied with current standards.

### Current situation on Chernobyl NPP and in the Exclusion Zone

- On March 11-13, 2024, 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

- On March 13, 2024, is the 749 day of the resistance Ukraine to the Russian military invasion.
- According to the General Staff of the Armed Forces of Ukraine [AFU], the operational situation in eastern and southern Ukraine remains difficult. Defence forces repelled attacks in 7 directions: Avdiivka, Kupiansk, Lyman, Bakhmut, Novopavlivka, Orihiv, and Kherson directions. About 70 - 80 combat engagements



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took place per day. Most of them took place in Novopavlivske region. Currently the advantage of drones is on the side of the Armed Forces of Ukraine, in addition, attention is focused on conducting counter-battery combat. Drones give good results. This allows reducing the enemy's artillery potential and maintaining a certain parity.

- **Combat actions in the East.** The russians are preparing to advance in several directions, but Novopavlivka is considered the main one. The russian occupiers are bringing reserves to Novopavlivka, including a tank regiment. The Avdiivka direction also remains the hotspot. Over the past 2 weeks, the number of armored vehicles there has increased. Also, here in the Tavria direction, brigades that have been on the front line for a long time are now withdrawing one by one to recover.
- **Situation in the North.** The operational situation in the Volyn and Polesia directions remains without significant changes. russia maintains a military presence in the border areas, conducts sabotage activities to prevent the deployment of Ukrainian troops to threatened areas, and increases the density of minefields along the state border in Belgorod region of the russian federation. russia continues to systematically shell border communities in the Sumy region. One person was killed and two were wounded as result of shelling by occupiers of Sumy region on March, 13.

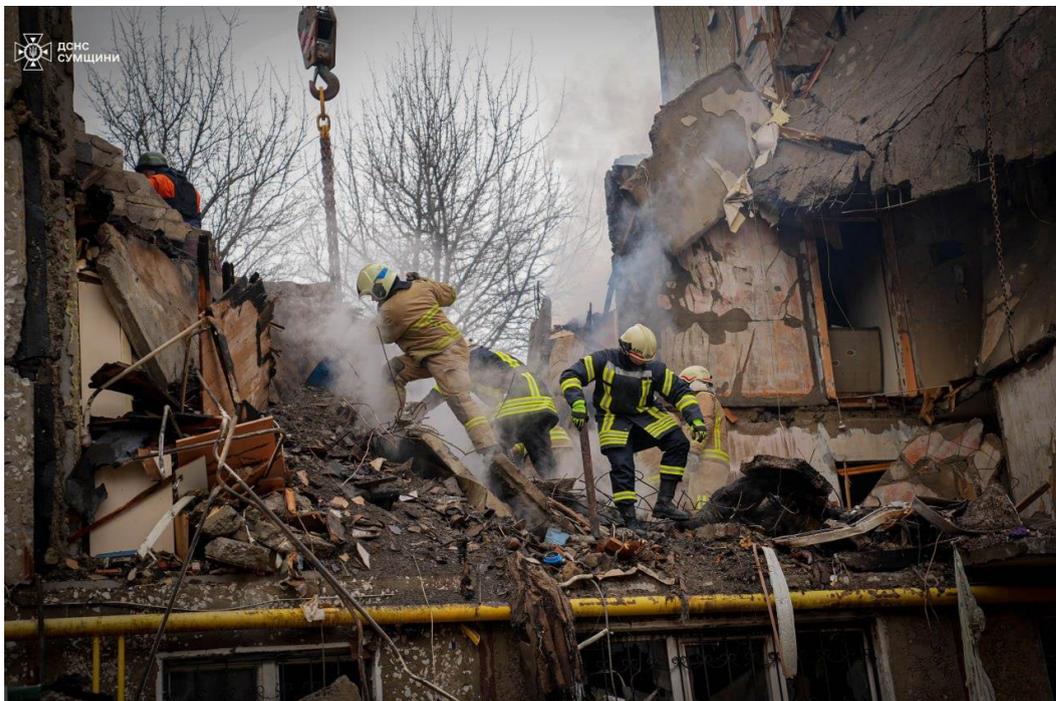
In the north of Rivne region of Ukraine, near the border with Belarus, construction of new fortifications has begun. The work is being carried out in coordination with the military. President Volodymyr Zelenskyy said that Ukraine is building three lines of defence in certain regions and on the contact lines. He noted that these are fortifications in the east, south and north.

- **Situation in the South.** In the Orikhiv and Zaporizhzhya directions are quite tense, russian army is also attacking with small assault groups and is not successful.
- russian forces do not stop trying to knock out Ukrainian units from the left bank of the Dnipro river in Kherson region. In groups to the detachment, without the support of armored vehicles, the occupiers continue to try to collapse Ukrainian says. The Defense Forces noted that the russian army does not stop aerial reconnaissance, pressures with artillery fire, and abundantly uses various types of attack drones.
- According to the General Staff, there are the attempts of the russians to carry out a certain rotation, to reinforce those units that are being depleted and destroyed, but there is no reason to say that in any of the directions the enemy is forming a striking fist for a major breakthrough deep into our defence. In the Avdiivka direction, the enemy grouping numbers more than 48,000 people, and in the Zaporizhzhia direction - about 50,000.
- Also, here in the Tavria direction, Ukrainian brigades that have been on the front line for a long time are now withdrawing one by one to recover.
- Around 150 settlements in Chernihiv, Sumy, Kharkiv, Luhansk, Donetsk, Zaporizhzhya, Dnipropetrovsk, Kherson and Mykolaiv regions were under artillery fire.
- At night, March 14, the russian occupiers once again attacked Ukraine using 36 Shahed UAVs. The Ukrainian air defence forces destroyed 22 of these attack



UAVs. On the night of 14 March, the russians attacked the civilian infrastructure of Sumy, Shostka, Trostianets, and Bilopillia with "Shaheds".

- At night on March 13, about 15 settlements of the Kharkiv region were subjected to artillery and mortar attacks by russian forces. Also, russian forces struck 290 times in seven towns and villages of Zaporizhzhya region over the last day.
- On the evening of 12 March, russians launched a missile attack on residential buildings in the city of Kryvyi Rih. The number of casualties from a russian missile strike has risen to 5. There are 43 wounded victims. According to the updated data, 12 of them are children. Twenty victims remain in medical institutions. About 20 multi-storey buildings, two kindergartens and schools, an enterprise, an administrative building, a shop and a warehouse were damaged as a result of the attack. Civilian cars were also damaged.
- Consequences of the "Shahed" attack on the city of Sumy [North of Ukraine] on March 13: 10 people were rescued from rubble, three people died. As a result of a hit by an enemy Shahed UAV on a five-story residential building on March 13 in the city of Sumy, 30 apartments were damaged, 15 of them destroyed. According to preliminary information, 10 people have been rescued from the rubble, 8 of whom sustained injuries of varying severity. Rescue operations continue.
- On March 11, Last night, the enemy attacked Ukraine using Shahed-type kamikaze drones, with a total of 22 drones launched by russian troops. 17 out of 22 "Shaheds" were destroyed



***Consequences of the "Shahed" attack on the city of Sumy [North of Ukraine] on March 13: 10 people were rescued from rubble, three people died.***



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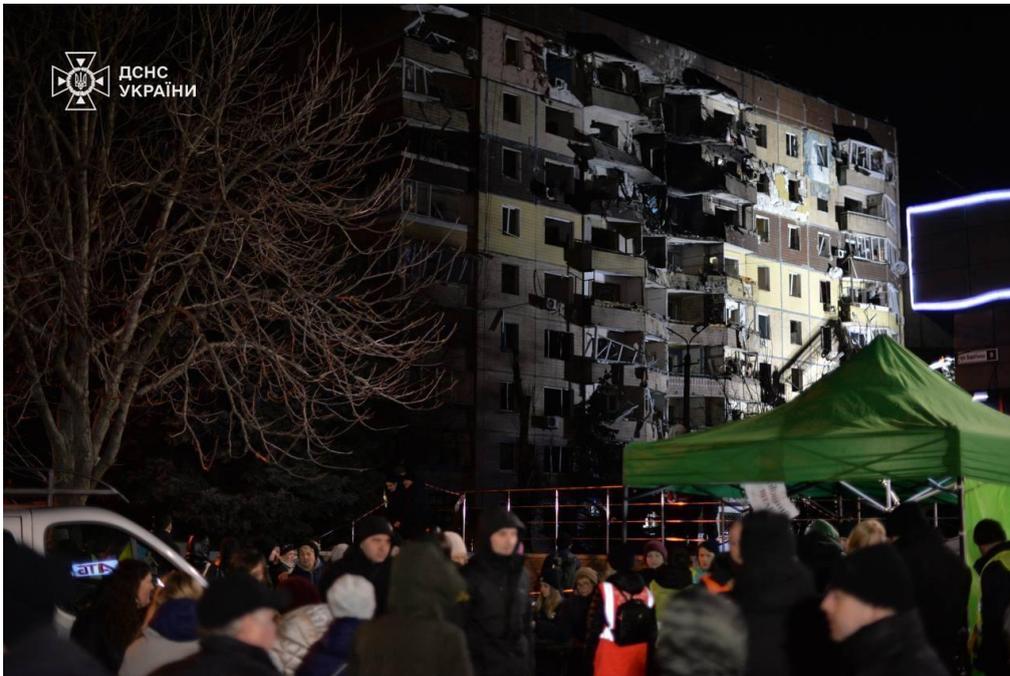


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*Sources: t.me/V\_Zelenskiy\_official, t.me/energoatom\_ua, Centre for Strategic Communication, Ministry of Defense of Ukraine, the National Police of Ukraine censor.net, Ukrainska Pravda, radiosvoboda.org, eurointegration.com.ua*

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

