

# INFORMATION DIGEST

## OCTOBER 25, 2023



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

- According to SE NNEGC Energoatom, on October 25, 2023 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.
- Press service for Ukraine's Ministry of Energy noted that on the night of October 25, the russians attacked the territory near the Khmelnytskyi NPP. The explosion damaged the windows in the administrative and laboratory buildings. Due to the damage to the power lines, 1,860 consumers in the cities of Slavuta and Netishyn in Khmelnytskyi Oblast were cut off from electricity.
- The IAEA is assessing the amount of damage caused by two downed russian drones falling 5 and 20 kilometers from the site of the Khmelnytskyi NPP.

According to the IAEA Director General Statement on Situation in Ukraine, IAEA experts present at the plant in western Ukraine said air raid sirens went off at 1:26am local time, followed later in the morning by the sound of two loud explosions. They were subsequently informed that two drones had been shot down at a distance of approximately five and 20 kilometers from the site, respectively.

IAEA Director General Rafael Grossi, with reference to information from the plant, noted that there was no direct impact of drones on its site, and the explosions did not affect the operation of the Khmelnytskyi NPP or its connection to the national grid, but the blast wave damaged the windows of several buildings at the site, including the passage to the reactor vessel, auxiliary building, special equipment building, training center and other facilities. At the same time, the supply of electricity to some external radiation monitoring stations was temporarily suspended. A power outage in the neighboring Slavuta city forced two of the plant's 11 external radiation monitoring stations to temporarily rely on a backup power source before external power was restored in the afternoon. In addition, as a result of the damage that occurred in the neighboring city of Netishyn (a satellite town of Khmelnytskyi NPP), some of its staff worked at home. According to the IAEA Director General, seismic monitoring stations installed in the area of the Khmelnytskyi NPP also recorded the seismic effects of the explosions.

"The fact that many of the windows on the site were destroyed shows how close it was. We won't be so lucky next time," Grossi commented, emphasizing that strikes on a nuclear power plant should be avoided at all costs. The IAEA noted



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that one of the two reactors of the Khmelnytskyi NPP is currently operating, and the other has been undergoing scheduled repairs since the beginning of August.

### **Current situation on Zaporizhzhya NPP**

- According to the SE NNEGC Energoatom as of October 25, 2023, the Zaporizhzhya NPP received power for its in-house needs from the energy system of Ukraine. As of 08:00 on October 25, 2023, the radiation state at the Zaporizhzhya NPP was within the current norms. SE NNEGC Energoatom reports that as of 08:00 on October 25, the water level in the cooling pond of Zaporizhzhya NPP was 15.69 m. The situation remains stable and under control.

### **Current situation on Chornobyl NPP and in the Exclusion Zone**

- On October 25, 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**

- On October 25, 2023, is the 609 day of the resistance of Ukraine to the russian military invasion.
- According to the General Staff of the Armed Forces of Ukraine, russians attack on 7 fronts, 78 combat clashes over past day. russian forces keep trying to advance in the east of Ukraine, with the most intense fighting on the Kupiansk, Lyman, Bakhmut, Avdiivka, Marinka, Shakhtarsk and Zaporizhzhya fronts; Ukraine's Defence Forces repelled dozens of their attacks. A total of 78 combat clashes took place during the day. russian army launched 50 air strikes and carried out 49 attacks using multiple-launch rocket systems on the positions of Ukrainian troops and populated areas.
- russians become more active along entire front line, trying to find weak points in defense of Armed Forces of Ukraine, - Deputy Commander of third Assault Brigade Kudriashov says. He added that the situation in the Bakhmut direction [Donetsk region] is becoming tense. "In the Bakhmut direction, the enemy is adding efforts, the enemy is withdrawing new reserve units. We are liquidating the brigade and the enemy is forced to pull up new brigades to prevent our advance. The enemy is trying to restore the lost position but is unsuccessful. This is the reason for the activation on the contact line," Kudriashov emphasized.
- In the south russian attacks on Kherson Oblast killed two civilians, including a 13-year-old boy. Four people were injured. russian forces launched 51 attacks on Kherson Oblast during the past day, firing 365 projectiles from mortars, artillery, Grad missile systems, tanks, aircraft, and drones. Last day, 136 strikes were recorded in towns and villages in the line of fire in the Zaporizhzhya region.
- russian forces launched 11 Shahed kamikaze drones over Ukraine on the night of October 25 and the air defence forces managed to down all the russian targets. Specifically, air defence forces were responding in Cherkasy, Kherson, Poltava, Zhytomyr, Khmelnytskyi and Mykolaiv oblasts.
- After a russian attack on the night of October 24-25, 1,760 civilian targets, in



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particular 282 apartment buildings, were damaged in Khmelnytskyi Oblast. Source: Serhii Tiurin, First Deputy Head of Khmelnytskyi Oblast Military Administration, Vasyl Sydor, Mayor of Slavuta in Khmelnytskyi Oblast. Quote: "1,760 civilian targets were damaged in Khmelnytsky as a result of a Russian missile strike last night. In particular, we are talking about 282 apartment buildings, 1,404 private homes and 74 social infrastructure facilities. These included 41 educational facilities, 6 healthcare facilities, 14 cultural institutions and 2 churches." According to Sydor, these are still early estimations. The mayor told Radio Liberty that 20 injured people are still in hospital, two are in serious condition in intensive care. He said that the blast wave from the downed UAV "had a huge radius" and damaged half of the city.

- Russian tactical aircraft has become more active in the area of the sea trade route over the Black Sea. Source: Nataliia Humeniuk, spokesperson for the Joint Coordination Centre of the Operational Command Pivden (South). Quote: "For several days, there have been no Russian aircraft approaching the sea transport routes. However, today they became more active and dropped four explosive devices." Humeniuk said that Ukraine continues to ensure the security of the humanitarian corridor used by ships from around the world. At the same time, Russia's actions indicate attempts to discredit the Ukrainian Defence Forces and to impede the movement of ships.
- Oleksii Danilov, Secretary of the National Security and Defense Council, said that in the near future, Ukraine will increase its own ammunition production. According to him, not only the Defense Forces have problems with ammunition, but also the Russians. He noted that Western partners have begun to build additional capacities, but production cannot be established in a short period of time.

*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*



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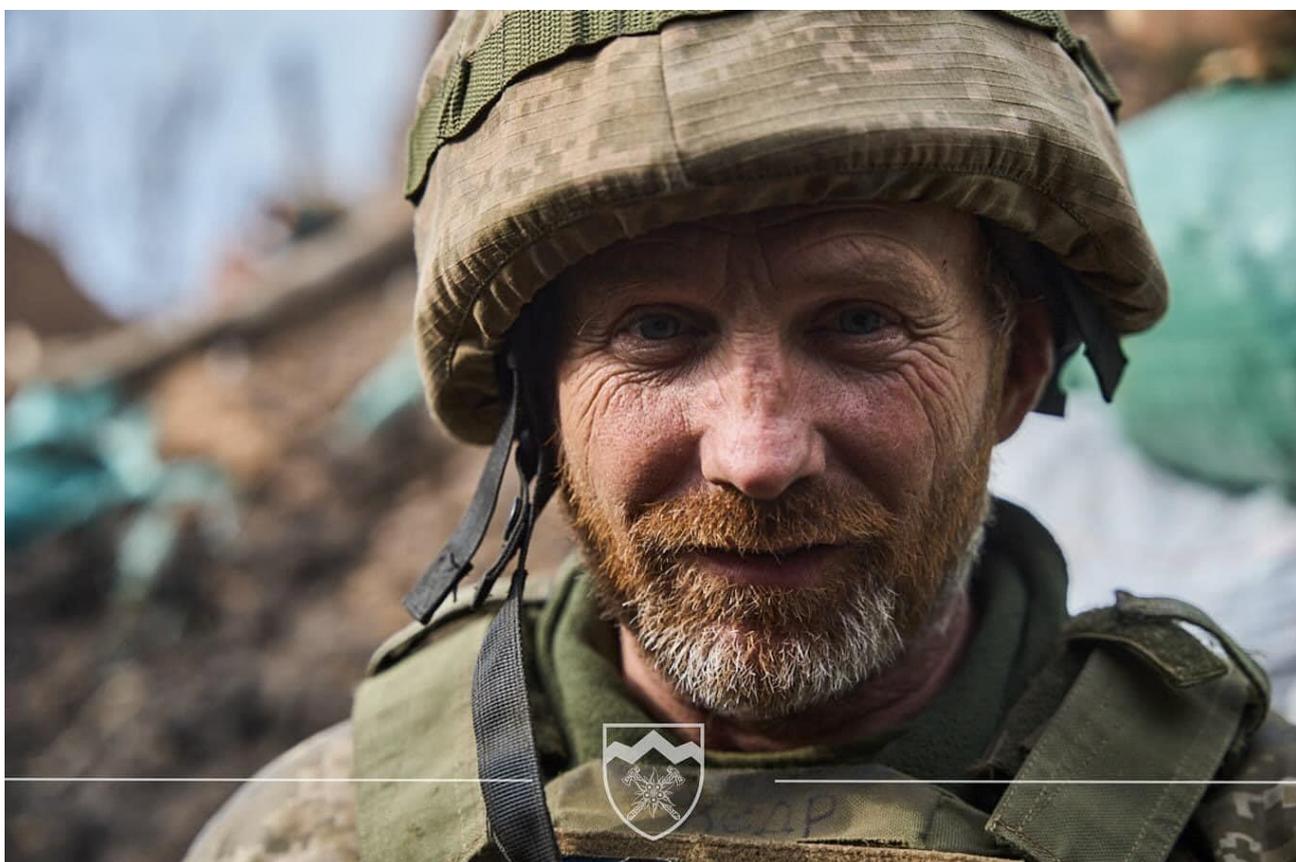


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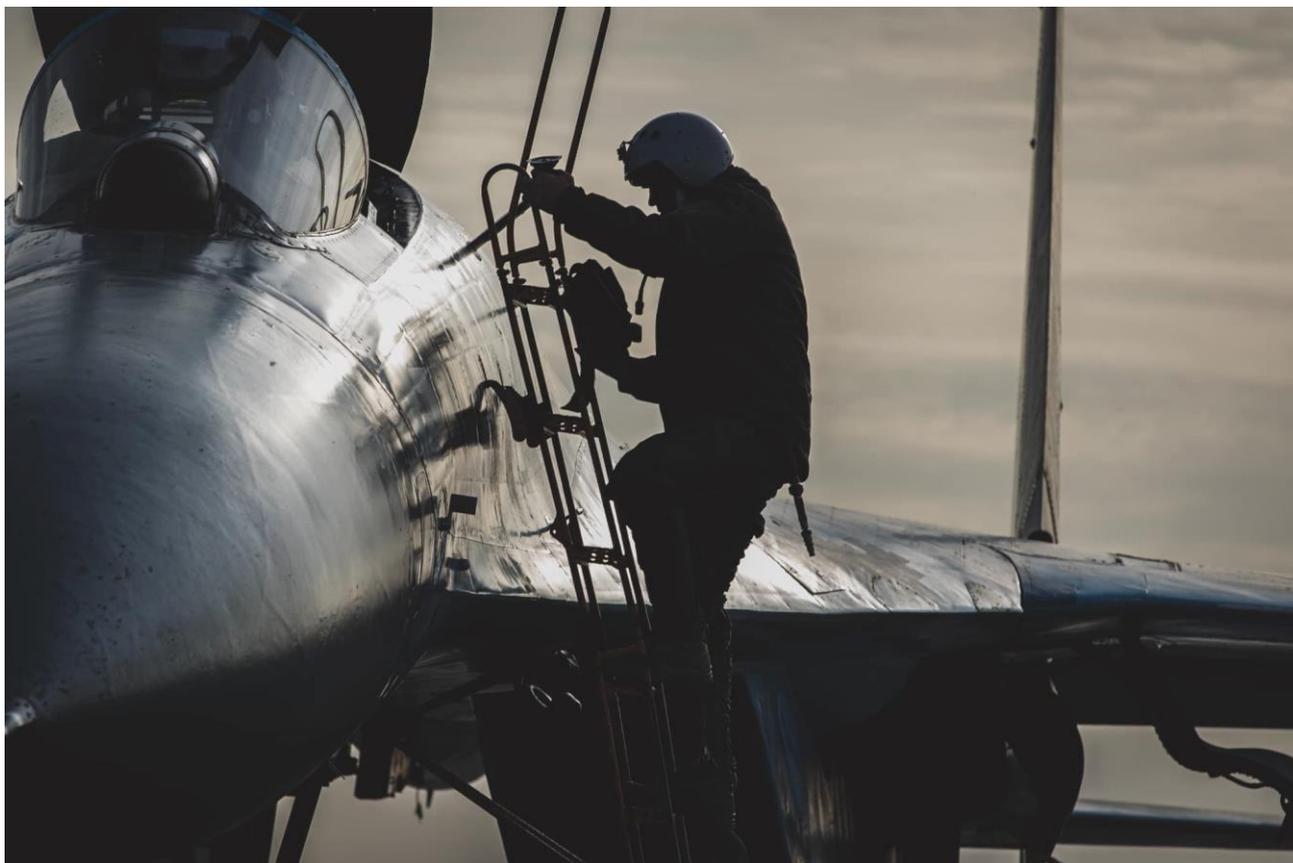


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***Photo: the 831st tactical aviation brigade, the 56th separate motorized infantry brigade of Mariupol, the 10th Mountain Assault Brigade, the 148th separate artillery division of the Airborne Assault Forces of the Armed Forces of Ukraine, Oleksandr Kozlovskiy, the 35th separate marine infantry brigade, the 22nd separate mechanized brigade.***

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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