

# INFORMATION DIGEST

DECEMBER 25-26, 2023



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

- According to SE NNEGC Energoatom, on December 25-26, 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. IAEA experts at the Rivne, Khmelnytsky, South Ukraine NPPs and the Chernobyl sites continue to report that nuclear safety and security is being maintained.

### Current situation on Zaporizhzhya NPP

- According to the SE NNEGC Energoatom on December 25-26, 2023, the Zaporizhzhya NPP received power for its in-house needs from the energy system of Ukraine. On December 25-26, 2023, the exposure dose rate of gamma radiation in the area where the Zaporizhzhya NPP complied with current standards.
- According to the IAEA Ukraine's Zaporizhzhya NPP is installing four new mobile diesel boilers to generate additional steam needed for various nuclear safety functions at the site, including for waste treatment. The IAEA team of experts present at the ZNPP observed the installation work during a walkdown last Sunday and were subsequently informed that the new boilers will be ready soon. The site currently has nine mobile boilers, eight of which are operating to provide heating during the winter.
- "Nuclear power plants need significant amounts of steam to conduct important operational activities at the sites. This remains the case also for the Zaporizhzhya Nuclear Power Plant, even though it has not produced electricity for well over a year now. The IAEA has encouraged the plant to install diesel boilers for this purpose and we welcome the planned additional capacity," Director General Rafael Mariano Grossi of the International Atomic Energy Agency (IAEA) said on December 21.

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

- On December 25-26, 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 December 26, 2023, is the 671 day of the resistance Ukraine to the Russian military invasion.
- According to the General Staff of the Armed Forces of Ukraine, the situation in the



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east of Ukraine remains difficult. The enemy intensified its actions almost along the entire battle line. The russians seek to enter the administrative borders of the Donetsk and Luhansk regions and capture the territory lost by the russians during Ukrainian's offensive in the Zaporizhzhya region.

- russians continue intensive offensive actions at the Kupiansk, Lyman, Siversk, Avdiivka and Bakhmut directions.
- As noted, in the Kupiansk sector [Kharkiv region], the russians are trying to capture the settlement of Synkivka at any cost and create conditions for blocking the city of Kupiansk. After suffering losses, they are regrouping its units. They continue to increase its efforts by moving units from other directions. The total number of personnel of the enemy's assault units is over two thousand.
- On the Avdiivka front [Donetsk region], russian forces have been storming the city of Avdiivka for the third month, sparing no equipment and personnel, and is constantly increasing its efforts, sending "Storm-Z" and "Storm-V" units for reinforcements. The enemy's efforts are concentrated in two directions. In general, the enemy's offensive is carried out in the direction of the main strike, as well as in the diversionary directions.
- Intense offensive actions are also continuing in the Bakhmut sector [Donetsk region]. russians are trying to capture several settlements. They are using the assault groups of the 'volunteer corps', which has moved from the south. The personnel of the marines of the Caspian flotilla are involved.
- In the south, in the Kherson direction, Ukrainian defenders continue measures to expand the bridgehead. Despite significant losses, the enemy does not stop trying to knock Ukrainian units out of their positions. russians are continuing to storm the positions of the Ukrainian Defense Forces on the left bank of the Dnipro river.
- The operational situation in the northern fronts remains without significant changes. Certain units of the Belarusian Armed Forces are performing tasks in the areas bordering Ukraine. During the day, the russian army fired 17 times at the border areas and settlements of the Sumy region. 140 explosions were recorded.
- russia continues to ignore the laws and customs of war, uses terror tactics, launches strikes, and shells both military and civilian targets.
- On December 27, russian invaders shelled Donetsk region, killing 5 people and injuring 3 others.
- The russian Forces attacked Ukraine with 46 Shahed-type attack drones, with air defence destroying 32 of their kamikaze drones on the night of December 26-27. Tactical aircraft, anti-aircraft missile units and mobile fire groups of the Ukrainian Air Force and Defence Forces were involved in repelling the air attack. 32 enemy attack UAVs were destroyed.
- russian attack targeted the city of Kherson, damaging a shopping centre and high-rise apartment blocks, 4 people died and 14 were wounded. In the evening on December 26, the occupiers conducted a combined shelling of the Kherson railway station. The shelling killed a 29-year-old police officer of the Kirovohrad region and wounded two police officers of the Kherson region aged 34 and 38. Two civilians aged 34 and 51 were also wounded. Also, 70% of Kherson faces power outages after the attack.
- In the city of Odesa debris of the downed UAV fell on one of the uninhabited new



buildings. Also, a drone shot down in the air fell on houses in the suburbs of Odesa. A fire broke out, which had already been extinguished. One person died, three were injured, including a 17-year-old boy.

- On the night of December 25, 2023, the enemy attacked Ukraine with 31 Shahed UAVs from the Chauda, Balaklava-Crimea areas and two aircraft missiles. As a result of air combat, the Ukrainian Air Force and Defence Forces destroyed 28 Shahed-136/131 attack UAVs in Odesa, Kherson, Mykolaiv, Donetsk, Kirovohrad and Khmelnytskyi regions. During the air attack, the enemy also used an X-59 guided missile in the Zaporizhzhya sector and an X-31P anti-aircraft missile from the Black Sea. Both were destroyed.
- According the Air Force of the Armed Forces of Ukraine, at about 02.30 a.m. on December 26, tactical aviation of the Ukrainian Air Force attacked a large landing ship of the Black Sea Fleet "Novocherkassk" near Feodosia with cruise missiles. Air Force anti-aircraft missile units also shot down two enemy aircraft: one Su-34 in Donetsk region (reported in the evening) and one Su-30SM over the Black Sea on December 25.
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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*



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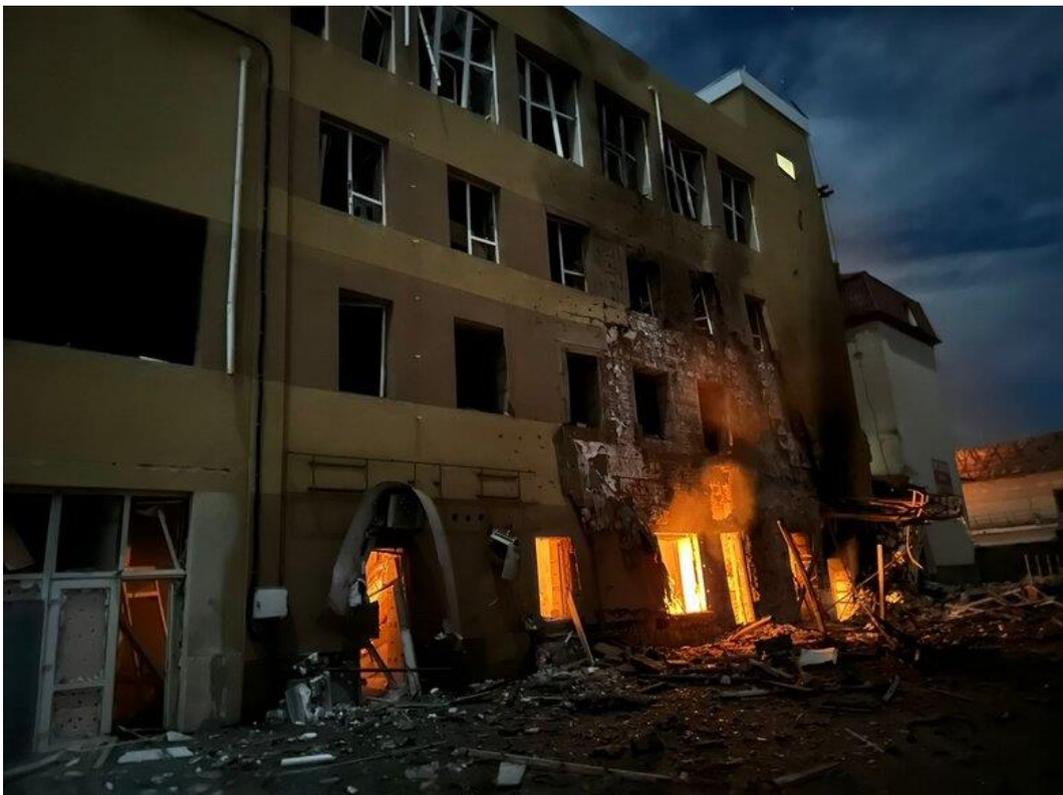


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***Consequences of shelling of Kherson region on December 26: 4 people died and 14 were wounded.***



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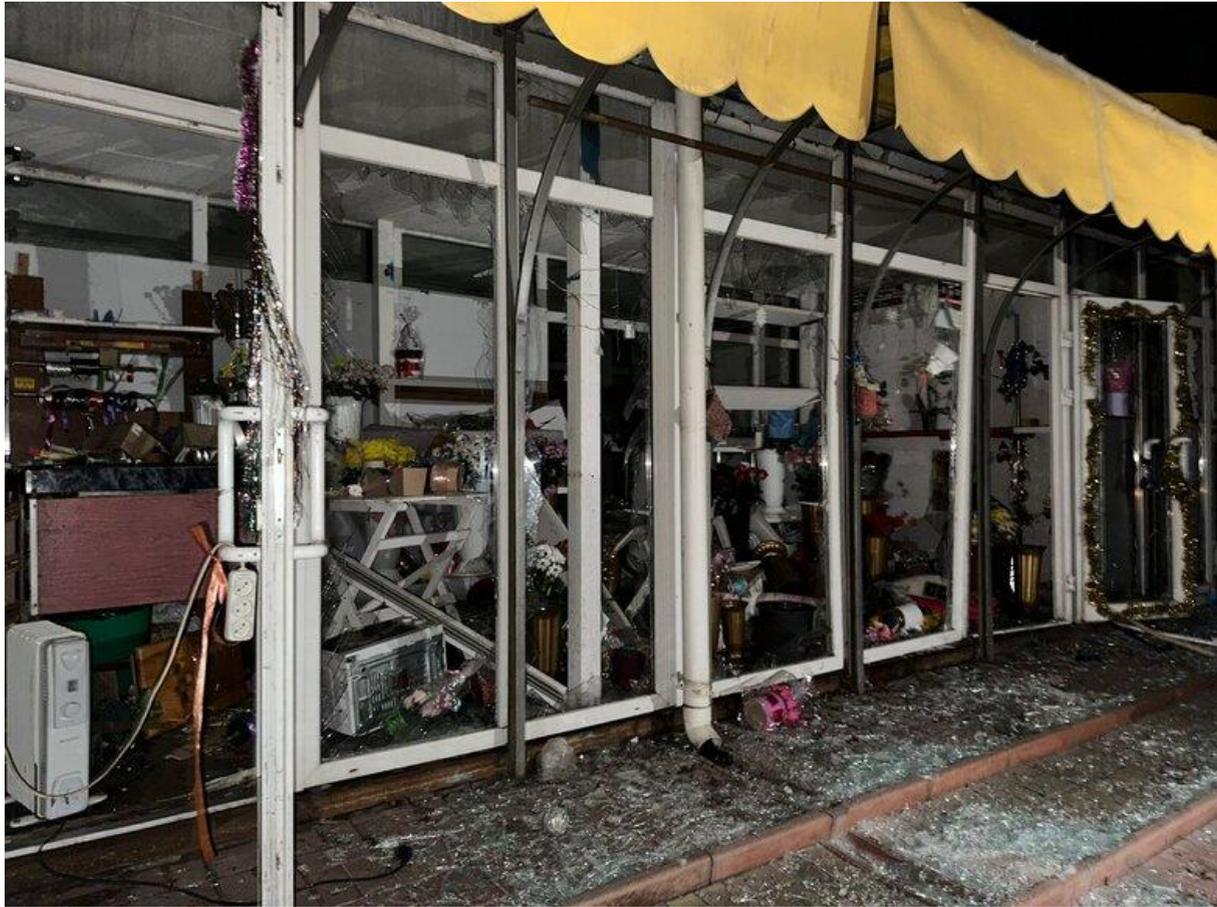


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DEAR COLLEAGUES

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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