

# INFORMATION DIGEST

AUGUST 1-9, 2024



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

- According to the JSC "NNEGC "Energoatom", on August 1-9, 2024, 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.
- According to the International Atomic Energy Agency [IAEA], the teams at the Khmelnytsky and Rivne NPPs reported that the operation of these plants continued to be affected by the impacts of the war on the electrical infrastructure of Ukraine. The IAEA teams were informed that the power levels of some reactor units were temporarily lowered due to grid limitations.
- Separately this week, as part of the IAEA's efforts to support Ukraine in maintaining nuclear safety and security during the war, the Agency arranged its 57th delivery of nuclear safety and security related equipment. The delivery consisted of IT equipment for the radiation monitoring network and analytical laboratories of hydrometeorological organizations of the State Emergency Service of Ukraine. The delivery was supported with funding from Sweden.

## Current situation on Zaporizhzhya NPP

- According to the JSC "NNEGC "Energoatom", from July 26, 2024 to August 1, 2024, the exposure dose rate of gamma radiation in the area where the Zaporizhzhya NPP is located in the temporarily occupied territories of Ukraine complied with current standards. Updated information on the radiation situation at the sites of NPPs of JSC "NNEGC "Energoatom" are available at the Energoatom Company web-site by link:  
<https://old.energoatom.com.ua/app-eng/table.html>
- According to the IAEA, this week, a new rotation of experts crossed the frontline to replace colleagues who have been stationed there for the past several weeks. This marks the 22nd IAEA team at the site since Director General Grossi established the mission on 1 September 2022.
- The IAEA teams continue to hear explosions at various distances from the site. The occurrence of intense fires near Ukraine's Zaporizhzhya Nuclear Power Plant (ZNPP) continues to add to the growing challenges facing Europe's largest nuclear power plant (NPP), IAEA Director General Rafael Mariano Grossi said in his statement.
- On several occasions over the past week, the IAEA Support and Assistance Mission to Zaporizhzhya (ISAMZ) observed several fires at various distances from the ZNPP



UKRAINIAN NUCLEAR SOCIETY



/UKRNUCLEARSOC



UKRNS.ORG



and nearby villages. Over the weekend, the IAEA experts observed smoke coming from an area to the north of the ZNPP near the Zaporizhzhya Thermal Power Plant (ZTPP) inlet channel. The plant confirmed that the fire was underneath the overhead cables of the Dniprovskya 750 kilovolt (kV) line and the Ferosplavna 1 330 kV back-up power line – the last two remaining external power lines for the ZNPP.

- As the summer heat continues, such fires along the pathways of the two remaining lines place the ZNPP at risk of loss of external power. While there was no disconnection of either line on this occasion, the situation highlighted the fragility of off-site power at the ZNPP.
- Despite the blowing up of the Kakhovka hydroelectric power station dam by russian occupiers, the situation remains stable and under control. The water level in the cooling pond is 14.75 m. The water level in the "hot" channel of the Zaporizhzhya TPP, from where the Zaporizhzhya NPP pond is fed if necessary, is 16.29 m. In the "cold" channel of the Zaporizhzhya Thermal Power Station, the water level reaches 10.55 m.

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

- On August 1-9, 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 August 9, 2024 was the 898 day of the resistance Ukraine to the russian military invasion.
- The President of Ukraine, Volodymyr Zelenskyy, signed a draft law on the extension of martial law and mobilization for another three months - until November 9, 2024.
- Ukraine is engaged in a dialogue with neighboring NATO countries on the possibility of shooting down drones and missiles. This was stated by Volodymyr Zelenskyy in his every evening address. The President of Ukraine noted that he had held a lengthy meeting with international experts: The Foreign Ministry, the Ministry of Defense, the military, the DIU, and the Office (Office of the President - Ed.) on cooperation with NATO - "in general with the Alliance and, in particular, with our neighbors in the region who are NATO members."
- **Situation in the North.** On the border with Chernihiv and Sumy regions, the enemy is shelling populated areas from the territory of the russian federation and conducting air strikes. Over the past day, russians fired 46 times at 33 localities in Sumy region, 130 attacks were recorded. They mainly used KABs, artillery, mortars, grenade launchers, and FPV drones.
- Through the humanitarian corridor on the border of Sumy region with the russian Federation, 35,000 Ukrainians left the occupation. But now the corridor is closed.
- **Situation in Kharkiv region.**
- The offensive activity of the occupiers in Kharkiv Oblast has somewhat decreased, but there is an increase in the number of shelling. russian army has not changed



**UKRAINIAN NUCLEAR SOCIETY**



/UKRNUCLEARSOC



UKRNS.ORG



its goals regarding the occupation of the city of Vovchansk and plans to advance further. Currently, Russian troops are trying to expand the zone of control in the settlement itself and advance on the flanks.

- Russian occupation troops continue to rotate in the Kharkiv region, the events in the Kursk region of the Russian Federation did not affect the quantitative composition of the Russian troops in this direction. In the direction of the settlement of Vovchansk, the enemy has already carried out a personnel rotation, he has started a new unit from the Luhansk region. He is also carrying out internal rotations, using personnel who were previously in the second echelon. Thus, despite all the events, the enemy continues to try to storm Ukrainian positions.
- **Hostilities in the East.** According to the General Staff, Russians attacked in the area of Makiivka, Nevske, Terny and Serebrianskyi forest in the Lyman direction. The situation is under control. Russian military keeps trying to break through the defense of our troops in the Siversk direction, but receives a decent rebuff from Ukrainian defenders. Russian invaders tried to push Ukrainian units.
- It is also noted that in the Kramatorsk direction **assaults near Chasiv Yar, Kalynivka and Ivanivske were repelled by Ukrainian troops.** Two more attacks are ongoing.
- In the Toretsk direction, Russians attacked Ukrainian positions with the support of attack and bomber aircraft.
- **Situation in the South.** Russian troops actively conduct aerial reconnaissance in south - more than 200 Russian drones recorded over last day. The occupiers are putting pressure with artillery shelling, air strikes, using a large number of attack drones of various types, and actively conducting aerial reconnaissance.
- The enemy keeps trying to drive Ukrainian units out of their positions. There are two enemy ships in the Black Sea, which carry Kalibr cruise missiles with a total volley of up to 8 missiles, while there are no enemy ships in the Sea of Azov.
- The soldiers of the Armed Forces of Ukraine are taking the necessary measures to deter the enemy's offensive.
- **Situation with shelling of Ukraine.** According to the General Staff, the occupiers intensified the use of aviation in the border areas of Sumy region.
- On August 9, 2024 Russians attacked the city of Kostiantynivka in Donetsk region: a supermarket is on fire. As of 2 p.m. August 9, it is reported about 11 dead and 35 wounded.
- Over the August 8, the occupiers killed four people in Donetsk region and wounded 12 others. Volnovakha, Pokrovsk, Kramatorsk and Bakhmut districts were under attack.
- On the night of August 9, 2024, Russian invaders attacked Ukraine with "Shahed" type UAVs from the Primorsko-Akhtarsk region. 27 out of 27 "Shaheds" were destroyed in the Kyiv, Poltava, Sumy, Mykolaiv, Kherson, Donetsk, and Dnipropetrovsk regions.
- Russian troops have been tried to attack Kyiv region for three nights in a row. On the night of August 7, 2024 in two communities of the region, 22 private houses and outbuildings were damaged. One person was injured as a result of the falling fragments of the downed targets.
- On the night of 6 August 2024, the enemy fired 4 "Iskander-M"/KN-23 ballistic



missiles at Kyiv region from Voronezh region, 2 X-59 guided missiles from the airspace over the Azov Sea, and 16 Shahed attack UAVs from Cape Chauda - Crimea and Kursk. According to the Air Force two 'Iskander-M'/KN-23 ballistic missiles, two X-59 guided missiles and 15 attack UAVs were shot down in Kyiv, Kherson, Mykolaiv and Khmelnytskyi regions as a result of the air combat.

- On the night of 3 August, Russian invaders attacked the territory of Ukraine with two S-300 anti-aircraft guided missiles and 29 Shahed attack UAVs. Air defense shot down 24 "Shaheds" out of 29.
- **The situation in the Kursk region of the Russian Federation**
- As reported, on Tuesday, August 6, the Ministry of Defense of the Russian Federation announced that fighting continues in the Kursk region. Invaders withdraw reserves there. The authorities of the Kursk region announced "attempts to break through the border". Subsequently, the Ministry of Defense of the Russian Federation assured that there is no advance of the Armed Forces deep into the territory of the Russian Federation in the Kursk region. A video was published online showing a group of Russian prisoners of war walking under a convoy along a road in the Kursk region of the Russian Federation. Dictator Vladimir Putin called the events "another large-scale provocation". Currently, the Ukrainian side does not officially comment on the situation. On the night of 9 August, loud explosions occurred in the Kursk region and a large-scale fire broke out. In Lipetsk, on the night of 9 August, locals reported a "massive drone attack". The authorities claimed that air defence systems were operating.

*Sources: [t.me/V\\_Zelenskiy\\_official](https://t.me/V_Zelenskiy_official), [t.me/energoatom\\_ua](https://t.me/energoatom_ua), Centre for Strategic Communication, Ministry of Defense of Ukraine, the National Police of Ukraine [censor.net](https://www.censor.net), [Ukrainska Pravda](https://www.Ukrainska Pravda), [radiosvoboda.org](https://www.radiosvoboda.org), [euointegration.com.ua](https://www.euointegration.com.ua)*



UKRAINIAN NUCLEAR SOCIETY



/UKRNUCLEARSOC

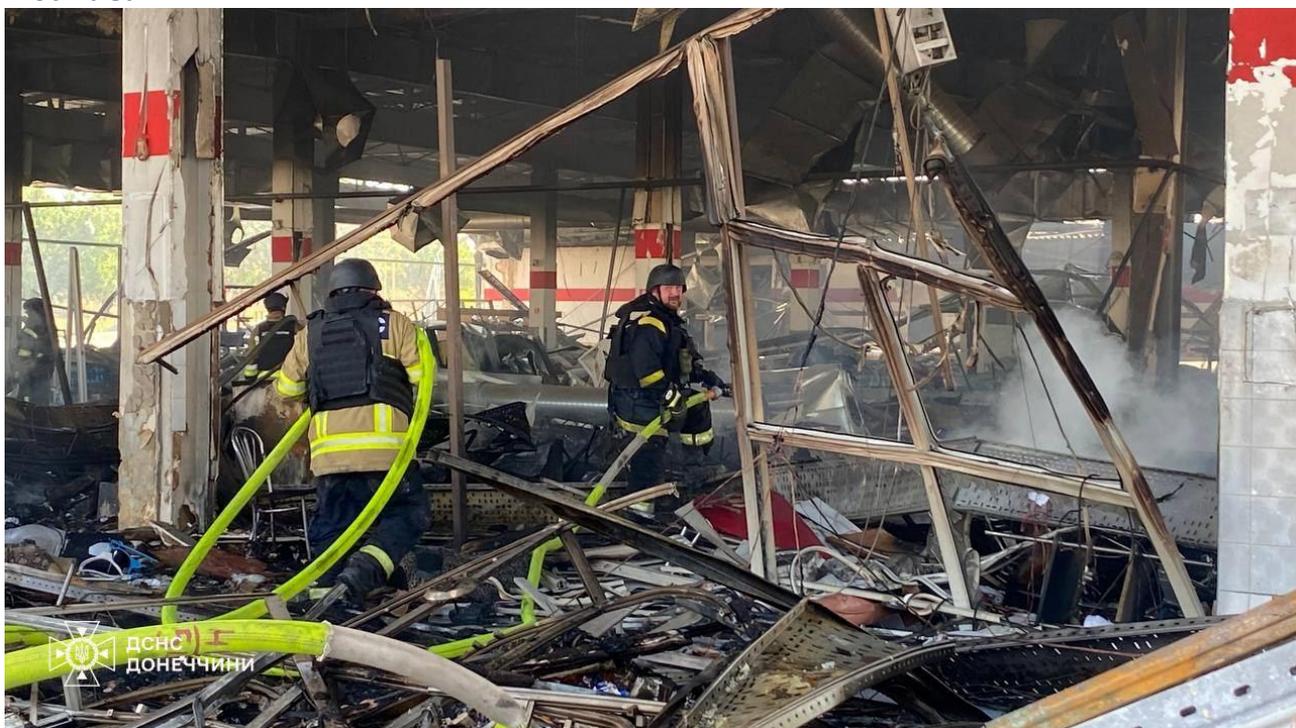


UKRNS.ORG





***On August 9, 2024 russians attacked the city of Kostiantynivka in Donetsk region: a supermarket is on fire. As of 2 p.m. August 9, it is reported about 11 dead and 35 wounded.***



**UKRAINIAN NUCLEAR SOCIETY**



[/UKRNUCLEARSOC](#)



[UKRNS.ORG](#)





**UKRAINIAN NUCLEAR SOCIETY**



/UKRNUCLEARSOC



UKRNS.ORG





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!

STAND WITH UKRAINE



LINK TO SUPPORT



PRESENTATION ABOUT VOLUNTEER ACTIVITIES



**DONATE**

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