

# INFORMATION DIGEST

JULY 15 - 21, 2024



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

- According to the JSC "NNEGC "Energoatom", on July 15-21, 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 IAEA experts present at the Khelmnytsky, Rivne and South Ukraine Nuclear Power Plants (NPPs) and the Chernobyl site reported that nuclear safety and security are being maintained despite the effects of the ongoing war, including air raid alarms on several days over the week.
- On 16 July, unit 3 of the Rivne NPP was reconnected to the grid following a 45-day refuelling and maintenance outage. However, the unit's power output is currently limited due to grid limitations, with the increasingly vulnerable Ukrainian electricity network continuing to be impacted by military activities across the country.
- Planned maintenance and refuelling activities are continuing at two of the three units at the South Ukraine NPP.

### Current situation on Zaporizhzhya NPP

- According to the JSC "NNEGC "Energoatom", from July 15-21, 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, the experts of the IAEA mission have continued to hear explosions and gunfire at various distances from the site over the past week.

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

- On July 15-21, 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.
- The IAEA team at the Chernobyl NPP rotated late last week.



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## War in Ukraine

- On July 21, 2024, is the 879 day of the resistance Ukraine to the russian military invasion.
- According to the General Staff of the Armed Forces of Ukraine [AFU], russian forces have attacked 11 fronts. The most intense fighting has been on the Pokrovsk front, where the russians concentrated their efforts near six settlements.
- **Situation in the North.** On the Volyn and Polissia fronts, the operational situation has not changed significantly. There is no evidence of the formation of offensive russian groups. On the border with Chernihiv and Sumy oblasts, the russians are maintaining a military presence, conducting sabotage and reconnaissance activities and attacking settlements from the territory of the russian federation.
- **Situation in Kharkiv region.** On the Kharkiv front, the russians continued their active operations, with 12 combat clashes in total. Fighting took place near the settlements of Vovchansk and Hlyboke. russia has transferred additional assault units to the area near Hlyboke in preparation for an offensive operation. On the Kupiansk front, the russians attacked Ukrainian positions 11 times. Ukraine's defence forces repelled assaults near the settlements of Synkivka, Stelmakhivka, Berestove and towards Hlushkivka.
- **Hostilities in the East.** On the Lyman front, Ukrainian forces repelled 11 russian attacks near the settlements of Makiivka, Nevske and Terny. On the Siversk front, Ukrainian forces repelled nine russian assaults near the settlements of Verkhokamianske and Vyimka. On the Kramatorsk front, Ukrainian soldiers stopped 13 russian attempts to break through the defences, in particular near the city of Chasiv Yar, where more than half of these clashes occurred, and the village of Andriivka in Donetsk Oblast. On the Toretsk front, the russians, supported by aircraft, conducted eight attacks near the settlements of Pivnichne, Zalizne and Toretsk. On the Pokrovsk front, Ukrainian defenders repelled russian offensive and assault actions. The russians concentrated their efforts near the settlements of Vozdvyzhenka, Novoselivka Persha, Novooleksandrivka, Prohres, Kalynove and Umanske (Donetsk Oblast).
- **Situation in the South.** The russians unsuccessfully assaulted Ukrainian positions three times on the Orikhiv front near the settlements of Robotyne and Novodanylivka. On the Vremivka front, the russians conducted assault on Ukrainian positions. They used assault and bomber aircraft extensively. On the Prydniprovske front, the russians persisted in their attempt to push Ukrainian units out of their positions, with the Ukrainian forces repelling three unsuccessful assaults.
- **Situation with shelling of Ukraine.** On the night of July 20-21, 2024 russian forces attacked Ukraine with 3 Iskander-M ballistic missiles, 2 Kh-59 guided missiles and 39 Shahed loitering munitions, 35 of which were shot down. Air defence systems responded to the russian attack in Sumy, Poltava, Kyiv, Chernihiv, Kherson, Dnipropetrovsk, Donetsk, Mykolaiv, Odesa and Cherkasy oblasts. Ukrainian air defence units also have destroyed all russian UAVs heading for Kyiv on the city's outskirts. There were no casualties or damage in Kyiv.



- Although, Russian forces launched an airstrike involving missiles on critical infrastructure facilities in Shostka district, Sumy Oblast, on the morning of 21 July.
- Russians attacked Ukrzaliznytsia's (Ukrainian Railways) infrastructure in Kharkiv region, injuring four of the company's employees overnight on 20 July. In particular, the railway contact network at the exit from Kharkiv was damaged, causing some trains to be delayed.
- Russian forces continue to attack Donetsk Oblast. They left eight residents of Donetsk Oblast injured on 20 July: two in the towns of Chasiv Yar and Toretsk and one in each of the settlements of Lyman, Yampil, Siversk and Selidove.
- Russian military targeted Ukrainian energy facilities using UAVs on the night of 19-20 July, causing power outages in Chernihiv and Poltava oblasts. Nearly 4,000 people have been left without electricity and another 700 without water supply as a result of a Russian night attack in Poltava Oblast. There were no casualties among civilians.
- On July 19, 2024 Russian forces have launched an airstrike on a residential area in the city of Mykolaiv, claiming the lives of three civilians. Twenty-four more people were injured, including four children. Another civilian has died in the hospital after being injured.
- On the night of 17-18 July 2024, the Russians reportedly launched 16 Shahed-131/136 loitering munitions from Russia's Kursk Oblast and three guided missiles from the south. Ukrainian air defence units shot down all 16 Russian-launched Shahed loitering munitions and two air-to-surface missiles.

*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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***15.07.-21.07.24. russia continues to attack regions of Ukraine. Civilians and emergency service workers are killed and injured.***



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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!

STAND WITH UKRAINE 



LINK TO SUPPORT



PRESENTATION ABOUT VOLUNTEER ACTIVITIES



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