

# INFORMATION DIGEST

MAY 13, 2024



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

- According to the JSC "NNEGC "Energoatom", on May 13, 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 teams at the Khmelnytsky, Rivne, and South Ukraine NPPs as well as at the Chernobyl site reported that nuclear safety and security continues to be maintained. The IAEA team stationed at Chernobyl was replaced by a new team last week. The IAEA experts stationed at these facilities also perform regular walkdowns including periodic visits to the plants' emergency response centres, environment monitoring laboratories and off-site emergency response facilities to discuss their current capabilities.
- On May 13, 2024, in the presence of Minister of Energy of Ukraine German Galushchenko and Ambassador Extraordinary and Plenipotentiary of the Republic of Korea to Ukraine Kim Hyung-Tae, head of JSC «NNEGC «Energoatom» Petro Kotin and Executive Vice President and Chief Operating Officer Young CHOI signed a Memorandum of Cooperation. Petro Kotin stressed that the enhancement of cooperation with the South Korean Company would help Energoatom in the construction of new nuclear power units on the territory of Ukraine and expressed hope that Energoatom would implement large infrastructure and restoration projects using Hyundai technologies and experience. Ambassador Extraordinary and Plenipotentiary of the Republic of Korea to Ukraine Kim Hyung-Tae said that the South Korean government was working to help Ukraine overcome the energy crisis. He also added that the enhancement of partnership between companies would promote the exchange of nuclear technology and experience between countries.

### Current situation on Zaporizhzhya NPP

- According to the JSC "NNEGC "Energoatom", despite the destruction of the Kakhovska hydroelectric power station dam by Russian occupiers, the situation remains stable and controllable. Currently, the water level in the cooling pond of the Zaporizhzhya NPP is 15.34 m. The water level in the "hot" channel of the Zaporizhzhya Thermal Power Plant, from where, if necessary, the ZNPP's cooling pond is fed, is 16.64 m. In the "cold" channel of the Zaporizhzhya TPP, the water level reaches marks 10,56m.
- According to the IAEA, the International Atomic Energy Agency is continuing to



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monitor observance of the five concrete principles aimed at protecting Ukraine's Zaporizhzhya Nuclear Power Plant (ZNPP) during the military conflict, where nuclear safety and security remain precarious. The IAEA team has continued to conduct regular walkdowns across the site last week, including to its two fresh fuel storage facilities as well as within the site perimeter where the experts performed radiation monitoring, with all the measured values being within the normal range.

The experts also measured the water levels of the site's sprinkler ponds, confirming that there is enough water available to provide cooling to the reactor units in their current cold shutdown state.

Regarding the staffing situation at the plant, the ZNPP informed the IAEA team that it currently has about 5,000 staff, which represents an increase from last year, but still significantly fewer than it had before the war.

The IAEA experts continue to be prevented from freely talking to main control room staff, affecting the Agency's ability to independently assess the knowledge and experience of these personnel that are essential to maintaining nuclear safety at the ZNPP.

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

- On May 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 May 13, 2024, is the 810 day of the resistance Ukraine to the Russian military invasion.
- According to the General Staff of the Armed Forces of Ukraine [AFU], the Defence Forces continue to perform tasks to prevent the advance of Russian troops deep into country and disrupt the occupiers' efforts to establish full control over Donetsk and part of Kharkiv regions. Over the last day, Russians conducted 31 attacks on the positions of Ukrainian troops in the Kharkiv, Kupiansk, Lyman, Siversk, Kramatorsk, Toretsk, Pokrovsk, Kurakhove and Vremivsk directions, 20 of them are still ongoing.
- In the Kharkiv sector, there is an increase in the grey zone, an increase in the front line, because the enemy is trying to deliberately stretch them, attacking in small groups in new directions.
- At night May 14, 2024, Russian troops attacked Ukraine with 18 Shahed-131/136 strike UAVs from Cape Chauda. The enemy also used one Iskander-M ballistic missile from the occupied Crimea. The attack was repelled by fighter aircraft and anti-aircraft missile troops of the Air Force, mobile fire groups of the Ukrainian Defence Forces and electronic warfare units. As a result of the anti-aircraft battle, all 18 enemy "shaheds" were shot down in Kyiv, Donetsk, Dnipropetrovsk, Cherkasy, Kirovohrad, Zaporizhzhya, Kherson and Khmelnytskyi regions.
- **Situation in the North.** As noted, the situation in the Chernihiv region has not changed significantly, and there have been no changes in the status and position



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of the troops.

- The situation on the border of Sumy region is tense, with the occupiers shelling settlements near the Russian border. The enemy has been pulling together certain units and increasing its presence on the border with Ukraine. Ukrainian military track these movements of personnel and equipment and monitor where the enemy forces are concentrated, where they carry out the biggest shelling and try to reconnoiter Ukrainian defences using sabotage and reconnaissance groups (SRGs - Ed.).
- The Sumy local authority is carrying out early voluntary evacuations from Bilopillia and Vorozhba, settlements where the number of attacks has increased significantly.
- In the Kharkiv sector Ukrainian troops repelled one enemy attack in the direction of Shebekino (Russia) - Vovchansk, the situation is under control. As a result of intense fire, namely air strikes using 10 GABs, on Ukrainian units, to save the lives of Ukrainian servicemen, they had to change positions near the village of Lukiantsi. The fighting continues.
- According to the General Staff, measures to comb through urban areas in the city of Vovchansk are also underway. The situation is under control. In the Kupyansk sector, the attacks by Russians continue. In the Siverskyi sector, Ukrainian troops repelled seven enemy attacks. The fighting continues, the situation is under control.
- According to the Ministry of Defence, on the morning of 10 May 2024, Russian occupiers tried to break through the Ukrainian defence line in Kharkiv region.
- The head of the Kharkiv Regional Military Administration, Oleh Syniehubov, said that Russian troops were firing in the north of Kharkiv region. According to him, there is currently no threat to Kharkiv.
- Western media, citing their own sources, reported that the occupiers allegedly plan to create a buffer zone and withdraw the Defence Forces 10 km from the border with Russia. President Zelenskyy assured that the Ukrainian military was ready for such actions by the enemy.
- **Hostilities in the East.**
- In the Lyman, Siverskyi sector, Kramatorsk sectors Ukrainian troops repelled enemy attacks. No positions were lost, the tactical situation improved in some areas, and in some areas, due to intense enemy fire, positions were changed to save the lives of our defenders and measures were planned to regroup units.
- **Situation in the South.**
- There were no significant changes in the situation. There are no signs of formation of Russian offensive groups in South. Russian invaders attacked 9 settlements in the Zaporizhzhya region. They were fired from UAV, MLRS, and artillery. At the moment, 50 settlements of the Zaporizhzhya region have been deprived of water, electricity, heat and gas for more than 2 years. More than 10,000 residents currently live in such extremely difficult conditions.
- Russians shell residential area of the city of Kherson from occupied left bank of the Dnipro river.
- Ukrainian parliament adopted the draft law "On Amendments to the Code of



Administrative Offences and the Criminal Code of Ukraine on Strengthening Responsibility for Military Offences". It provides for a significant increase in penalties for violations of military registration and mobilisation evasion. Once the law on mobilisation is adopted, the procedure for court decisions will be simplified..

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), [eurointegration.com.ua](https://www.eurointegration.com.ua)



***More than 6700 residents evacuated from border settlements in Kharkiv region, including 535 children and 128 people with reduced mobility.***

***Employees of the State Emergency Service and the National Police, together with volunteers and representatives of local communities, continue to carry out evacuation measures. It is noted that the population is constantly being warned about the need to evacuate the border settlements.***

***Psychologists also work at intermediate evacuation centres and provide support to people who are forced to leave their homes due to active hostilities.***



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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.



LINK TO SUPPORT

SUPPORT THE ANS-ENS UKRAINIAN NUCLEAR WORKERS HUMANITARIAN FUND



PRESENTATION ABOUT VOLUNTEER ACTIVITIES

WE ARE VERY GRATEFUL FOR ANY HELP AND SUPPORT!

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**DONATE**

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

