

INFORMATION DIGEST

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

- According to Energoatom, as of 16 January, 2023, 8 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. The russians are blocking the connection of power units of the temporarily occupied Zaporizhzhya nuclear power plant, which continues to consume more than 100 MW of electricity for its own needs from the energy system of Ukraine.
- On 16 January, 2023, permanent mission of the IAEA began work at the South Ukrainian NPP.

Current situation on Zaporizhzhya NPP

- According to the NNEGC "Energoatom" as of 16 January, 2023, the Zaporizhzhya NPP received power for its in-house needs from the energy system of Ukraine. The radiation situation at the ZNPP site remains normal.
- There is constant pressure on people at the Zaporizhzhya NPP, as the occupiers did not receive the expected results regarding the signed contracts. The situation is also deteriorating from a technical point of view. This was stated by the Minister of Energy of Ukraine Herman Halushchenko. "Now the station is not working, it only receives energy from the Ukrainian side. The situation is difficult, and experts from the IAEA note this. There is a position that at least a few units must work, they should convey this position to the russians," Halushchenko said.

According to him, Ukraine will return the ZNPP, it is a matter of time and there are no other expectations. But the key thing is in what condition Ukraine will get the ZNPP back. "And the mission of the IAEA is very important here, which should look there both from the point of view of what is happening and from the point of view of our station, our equipment," Halushchenko said.

Answering a question about the number of people at the ZNPP, the minister said that there are about 6,000 people there today, but they are restricted in their access to the station. "The admission itself is somewhere around 2.5-3 thousand, before the occupation, it was 11 thousand," Halushchenko said.

Current situation on Chernobyl NPP and in the Exclusion Zone

- On 16 January, 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.



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War in Ukraine

- The 327 day of the resistance of Ukraine to the russian military invasion has ended.
- Emergency workers have already removed 90% of the rubble of a residential building destroyed by a russian missile in Dnipro as of the morning of 17 January. 44 people were killed in the strike (including 4 children), but there may still be people under the rubble. 39 people were saved (including 6 children). More than 200 apartments were destroyed in a high-rise apartment building hit by a russian rocket on 14 January, and the residents have been evacuated. On the morning of January 17, the body of a dead child was recovered from the rubble of a destroyed residential building in Dnipro.
- According to the General Staff of the Armed Forces of Ukraine [AFU] Ukraine's Defence Forces repelled attacks by the russian invaders near more than 20 cities, towns and villages in Donetsk and Luhansk oblasts on 16 January. Over the past 24 hours, the enemy has carried out two missile and seven air strikes and deployed multiple-launch rocket systems [MLRS] to conduct over 70 attacks on civilian infrastructure. Civilians were also killed and injured.
- russian invaders attacked a high-rise building, a boarding school and a children's hospital in Kherson on 16 January, killing one person. Three more people were killed in Kherson Oblast over the past day. The Russians also launched a rocket attack on the city of Zaporizhzhya and its suburbs on the night of 15-16 January, leaving five people, including two children, injured.
- The russia has not abandoned its intentions to capture the entire Donetsk Oblast, and it is conducting offensive actions on the Bakhmut and Avdiivka fronts [eastern Ukraine]. The russians are trying to improve its tactical position on the Kupiansk, Lyman and Novopavlivka fronts and is on the defensive on the Zaporizhzhya and Kherson fronts [southern Ukaraine].
- President Volodymyr Zelenskyy has stated that the Ukrainian Defence Forces are trying to reduce the potential of the russian army, whereas russia wants to grab the initiative in the war.
- Andrii Yusov, representative of the Defence Intelligence of Ukraine, has revealed that the russian dictator Vladimir Putin ordered Valery Gerasimov, newly-appointed commander of the occupation forces in Ukraine, to capture Donbas by March. The Defence Intelligence representative believes that Putin is preparing russia for a long war against Ukraine. Yusov has stated that russia has various scenarios and fronts of another possible offensive; however, most of the information online is not true.
- russia offers foreigners citizenship for joining russian army – General Staff of the AFU.
- russia has strengthened the combat aviation grouping in belarus under the cover of military pilots drills near the Ukrainian border, this increases the threat of missile strikes from belarusian territory.
- The shortage in Ukraine's power grid has increased significantly due to a decrease in electricity production because of rocket attacks on power plants. Oblast branches of Ukrenergo, the national power regulator, were informed of reduced consumption limits until the end of the day (16 January), and emergency shutdowns have been introduced in 9 oblasts of Ukraine.





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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, euointegration.com.ua



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On 15 January, the emergency services rescued a woman who had spent 20 hours under the rubble of the apartment block in the city of Dnipro.

The girl in the photo is 27-year-old Kateryna Zelenska. She lived in Dnipro with her husband and their son Nikita, who recently turned one. "She couldn't call for help, because she's been deaf since she was a child!" her sister wrote. Due to her hearing impairment, Kateryna could not hear when the "minute of silence" was approaching and call for help at that very moment. However, during the night, at one of these moments, rescue workers heard Kateryna's voice. It took 10 hours to get her out. Kateryna spent 20 hours under the rubble and was suffering from hypothermia. Her body temperature when she was admitted to hospital was 31°C. She is now in hospital.



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A married couple escaped bombings in the city of Nikopol, only to die in the missile strike on an apartment block in Dnipro.

Iryna and Maksym left two children, who miraculously survived because they were waiting for their parents on the street at the time of the terrorist attack.

14-year-old Karolina and 9-year-old Timur are currently in hospital.



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This photo is from the city of Kherson. Perhaps not very high quality of the picture, but it demonstrates the conditions in which the rescue services in Kherson are currently working. During the next duty, having left on a call about a fire as a result of russian shelling, the rescuers did not have time to start its liquidation, because a new shelling began.

Several times the rescuers came under shelling and after it ended, they again began to eliminate the fires. Despite the colossal risk to life, all 5 fires that arose after the arrivals of missiles were promptly eliminated.

DEAR COLLEAGUES

THE UKRAINIAN NUCLEAR SOCIETY IS ACTIVELY ENGAGED IN VOLUNTEER ACTIVITIES, HELPING OUR COLLEAGUES FROM NUCLEAR POWER PLANTS, REFUGEES FROM THE ZAPOROZHYE NPP, AS WELL AS OUR MEMBERS WHO JOINED THE ARMED FORCES TO DEFENDED OUR COUNTRY.

WE CONSTANTLY NEED MEDICINES, WARM AND THERMAL CLOTHING, HEATERS, BATTERIES AND POWER BANKS, GENERATORS, AS WELL AS PERSONAL PROTECTIVE EQUIPMENT AND OTHER ASSISTANCE.

WE ARE VERY GRATEFUL FOR ANY HELP AND SUPPORT. IF YOU WANT TO HELP IN SOME WAY, PLEASE WRITE TO US AT INFO@UKRNS.ORG

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