

INFORMATION DIGEST

23/24.12.2022



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

- According to the NNEGC "Energoatom" as of 23-24 December, 2022, all 9 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.
- The International Atomic Energy Agency (IAEA) is preparing to deploy teams on a continual basis to four other Ukrainian nuclear facilities, the Khmel'nitsky, Rivne, and South Ukraine nuclear power plants (NPPs), as well as the Chernobyl site.

These missions aim to provide technical support and assistance as needed in order to help maintain a high level of nuclear safety and security and reduce the risk of a nuclear incident or accident, the agency stated.

On 16 December, significant shelling was experienced throughout Ukraine. This resulted in the Khmel'nitsky and Rivne NPPs reducing power and the South Ukraine NPP disconnecting from the electrical grid. None of the nuclear power plants in Ukraine experienced a loss of off-site power.

The IAEA also notes Diplomatic efforts to establish a nuclear safety and security protection zone around Ukraine's Zaporizhzhya Nuclear Power Plant (ZNPP) are making headway.

As previously reported, russia had declared that it would not give up control over the ZNPP in order to create a nuclear safety zone.

Current situation on Zaporizhzhya NPP

- According to the NNEGC "Energoatom" as of 23-24 December, 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.

Current situation on Chernobyl NPP and in the Exclusion Zone

- On 23-24 December, 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

- The 304 day of the resistance of Ukraine to the russian military invasion has ended.



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- On 24 December, at around 11:00, as a result of another attack by the Russian Federation from multiple-launch rocket systems the centre of the Kherson city [southern Ukraine], 8 people have been killed and 58 wounded. 66 cars were on fire, firefighters extinguished the fire within 40 minutes. The number of dead and injured is being clarified. The city of Kherson was only one oblast centre that Russia managed to capture since the start of the full-scale invasion of Ukraine on 24 February. It was liberated in the beginning of November as a result of the Ukrainian counteroffensive.
- Dmytro Kuleba, the Minister for Foreign Affairs of Ukraine, has called on the West to provide active and long-term support for Ukraine after a Russian strike on Kherson.
- According to the General Staff of the Armed Forces of Ukraine, the Russians have intensified the transfer of personnel, military equipment and ammunition by rail to combat areas. The Russians continue to concentrate their efforts on conducting offensive actions on the Lyman, Bakhmut and Avdiivka fronts [Donetsk region, eastern Ukraine]. They are trying to improve their tactical position on the Kupiansk front and are holding the defence on the Novopavlivka, Zaporizhzhya and Kherson fronts.
- On the Volyn, Polissia, Sivershchyna and Slobozhanshchyna fronts [northern Ukraine], the situation remains without significant changes; there have been no signs of offensive units being formed. The occupiers are planning to open a field hospital on the territory of Belarus. Three battalions sent to Ukrainian border in Belarus. A motorised rifle battalion and two tank battalions have been assigned to move to areas bordering the state border of Ukraine, said Lt Gen. Serhii Naiev, the commander of the Joint Forces of the Armed Forces of Ukraine.
- The Armed Forces of Ukraine repelled attacks by Russian occupiers near 10 settlements in Donetsk and Luhansk Oblasts in the course of the past 24 hours. Russian occupiers launched three missile and 10 air strikes, in particular on civilian facilities in Donetsk Oblast. In addition, the invaders performed 62 more attacks using multiple-launch rocket systems, as a result of which civilian facilities of the city of Kherson were damaged, with casualties among the civilian population reported.
- As a result of a Russian attack on Zaporizhzhya Oblast, a school was destroyed; houses and a historical building were damaged, and the body of a resident who died on Thursday was discovered.
- Russian troops launched mortar attacks on Kupiansk district, Kharkiv Oblast, on the morning of 24 December; an elderly man was killed in the attack, reported Oleh Syniehubov, the head of the Kharkiv Oblast Military Administration.
- On 23 December, Russians launched an attack on civil facilities in the city of Kramatorsk in Donetsk Oblast. Two educational facilities, residential buildings and private houses were damaged.
- Russian invaders fired at one of DTEK's energy facilities on Friday evening, 23 December. The station has stopped generating electricity; one employee was killed and one was injured.
- The energy system still has a significant shortage of electricity, and the most difficult situation is in Kyiv and the Kyiv Oblast, in the East and South. This was reported by the press service of Ukrenergo [national energy company]. For this reason, consumption limits have been set for all areas, and exceeding these would lead to the application of emergency restrictions. Due to the shortage of electricity in Kyiv,



electric forms of public transport have stopped running; buses will run instead of trams and trolleybuses on all routes.

- 54 torture chambers were found in de-occupied territories, more than five thousand cases of torture recorded - Prosecutor's Office. Prosecutor's bodies opened 5079 criminal proceedings on facts of torture and other inhuman treatment as a result of russia's full-scale invasion of Ukraine. Also, 855 cases of war crimes against children are under investigation.

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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The russian troops have hit the centre of Kherson on 24 December; eight people have been killed and 58 wounded.

Quote from President Zelenskyy: "The terrorist country continues bringing the Russian world in the form of shelling of the civilian population. Kherson. In the morning, on Saturday, on the eve of Christmas, in the central part of the city. These are not military facilities. This is not a war according to the rules defined. It is terror, it is killing for the sake of intimidation and pleasure."



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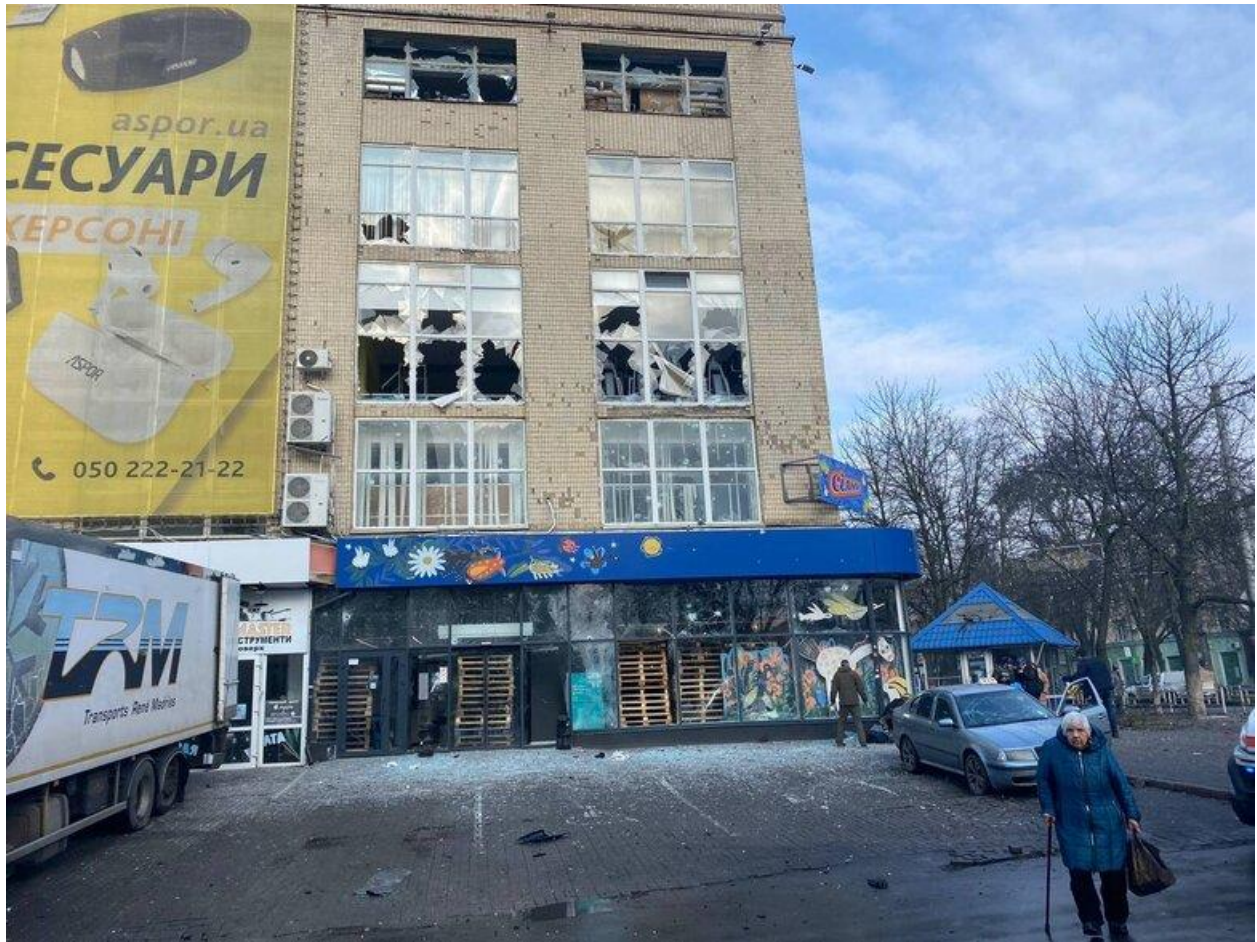


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DEAR COLLEAGUES

THE UKRAINIAN NUCLEAR SOCIETY IS ACTIVELY ENGAGED IN VOLUNTEER ACTIVITIES, HELPING OUR COLLEAGUES FROM NUCLEAR POWER PLANTS, REFUGEES FROM THE 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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