

INFORMATION DIGEST

NOVEMBER 22-23, 2023



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

- According to SE NNEGC Energoatom, on November 22-23, 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.

Current situation on Zaporizhzhya NPP

- According to the SE NNEGC Energoatom as of November 23, 2023, the Zaporizhzhya NPP received power for its in-house needs from the energy system of Ukraine. As of 08:00 on November 23, 2023, the radiation state at the Zaporizhzhya NPP was within the current norms. SE NNEGC Energoatom reports that as of 08:00 on November 23, the water level in the cooling pond of Zaporizhzhya NPP was 15.65 m. The situation remains stable and under control.
- According to the SE NNEGC Energoatom russians are moving ZNPP power unit 5 to a «cold shutdown» state.

After a primary-to-secondary reagent leak incident at the ZNPP power unit 5, the fake management of the temporarily occupied power plant decided to transfer the unit from «hot» to the safest – «cold shutdown» state.

Due to the incompetence of the russian staff, the borated water of the primary circuit entered the deaerator of the turbine hall and from there again to all steam generators. After the publicity of the situation, the ruscists began to check what had happened.

«The invaders bring the situation to a dangerous level, and then heroically try to remedy it. Violation of the license for the operating of the power unit results in critical problems, because the actions of incompetent personnel combined with deliberate overloading of systems and equipment leads to their further degradation,» said Petro Kotin, President of SE «NNEGC «Energoatom».

russians keep the ZNPP power unit 4 in a «hot shutdown» state to provide heating and steam for the power plant's in-house needs. It is also a direct violation, given according to the amendments made by the State Nuclear Regulatory Inspectorate of Ukraine to the licenses in the summer of this year, all units of the Zaporizhzhya NPP should be in a «cold shutdown» state.

As a reminder, several emergencies have already occurred at the Zaporizhzhya



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NPP due to violation of license terms by the occupationists, the latest of which was on November 14, 2023. A partial blackout occurred due to the incompetence of the russian invaders and employees of rosatom state corporation. ZNPP power unit 6 equipment was left without power, so the diesel generators and safety systems started operating. The power unit remained in this mode for 90 minutes.

Earlier, a danger was recorded at power unit 4. Due to its warming up, a primary-to-secondary radioactive coolant (water) leak occurred, which is a violation of one of the barriers on the path of the spread of radioactive contamination.

A similar situation occurred while attempting to «warm up» power unit 6. Additionally, the dumb decision of the current «management» of the power plant to move it to a «hot shutdown» state caused a significant increase in liquid radioactive waste on the power plant site, which is potentially harmful to personnel, the public and the environment.

Current situation on Chornobyl NPP and in the Exclusion Zone

- On November 22-23, 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.

War in Ukraine

- On November 23, 2023, is the 638 day of the resistance of Ukraine to the russian military invasion.
- According the General Staff of the Armed Forces of Ukraine, russian troops advanced in the Kupiansk, Bakhmut, Avdiivka and Marinka directions [eastern Ukraine]. They have begun the third wave of assault actions as part of the offensive on the Avdiivka front [Donetsk region]. The deployment of russian military forces to the north of the Donetsk region, has resumed. The russians are transferring 10-15 KamAZ vehicles with manpower at night so that there is no opportunity to record the movement.
- Ukrainian forces are continuing assault operations to the south of the city of Bakhmut in Donetsk Oblast.
- In the southern direction, on the Zaporizhzhya front, russian forces made 4 unsuccessful attempts to regain the positions they had previously lost near Robotyne (Zaporizhzhya Oblast). On the Kherson front, in the areas of responsibility of the Odesa Operational Strategic Group, Ukrainian forces are holding the positions they took on the Left Bank of the River Dnipro (the eastern bank, which is largely russian-controlled – ed.), engaging in counter battery fire, and striking positions beyond the russian frontline.
- During last day russian forces carried out 3 missile strikes and 43 airstrikes and deployed multiple-launch rocket systems (MLRS) more than 64 times to attack the positions of Ukrainian troops and civilian settlements. russian forces shelled more than 100 civilian settlements in Chernihiv, Sumy, Kharkiv, Luhansk, Donetsk, Zaporizhzhya, Dnipropetrovsk and Kherson oblasts.



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- russian forces also deployed 14 Shahed-136/131 drones to attack Ukraine on the night of November 21–22. Ukraine's air defence intercepted all 14 Shaheds.
- Also, russians attacked Ukraine with two Kh-59 missiles and three Shahed attack drones on the night of November 23-24. Air defence destroyed all the attack UAVs.
- In particular, the russians have bombarded the village of Chornobaivka with cluster munitions, reportedly killing three people. Also, russian military hit residential areas of settlements of at Kherson region. Three people were killed, 11 more were injured, of which 2 were children.
- The Ministry of Defence of Ukraine has accelerated the supply of new weapons to the army – without waiting for admission to operation and with tests already on the battlefield, deliveries can be reduced to 20 days. The Ministry of Defence explains that the acceleration of deliveries was made possible by amendments to the resolution of the Cabinet of Ministers, which were introduced at the Cabinet meeting on November 21 this year at the initiative of Defence Minister Rustem Umierov. Previously, for weapons or equipment to get to the Armed Forces of Ukraine, manufacturers overcame a procedure consisting of six stages, which could take up to several months.

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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The Ministry of Defense is clearing Ukrainian lands of the remains of Russian military equipment. The remains of destroyed enemy equipment are collected and grouped in approximately 80 areas of Ukraine.

Before experts from the Ministry of Defense arrive at these sites, explosives experts examine them. The subsequent fate of the remains of the equipment depends on its condition.

When inspecting them, the Ministry of Defense experts, together with attracted consultants, check: can the equipment be a donor of spare parts for the equipment of the armed forces of Ukraine; can it be a museum exhibit or part of an exhibition; can it be disposed of as "scrap metal" according to certain procedures.



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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!

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PRESENTATION ABOUT VOLUNTEER ACTIVITIES

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

