

INFORMATION DIGEST

SEPTEMBER 13-14, 2023



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

- According to SE NNEGC Energoatom, as of September 13-14 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 SE NNEGC Energoatom, the first batch of uranium mined in Ukraine dispatched to a Canadian strategic partner.

The first batch of Ukrainian uranium mined at the Eastern Mining and Processing Plant (SkhidGZK) was loaded and dispatched to Canada, where the Ukrainian uranium will be used for the production of nuclear fuel for the needs of domestic NPPs at the CAMECO facilities.

"The agreement with our strategic partner CAMECO provides for the supply of the entire volume of uranium mined at the Eastern Mining and Processing Plant to Canada and its further conversion into natural uranium hexafluoride (UF₆). Such a process is necessary to prepare for dispatching it for enrichment to our other strategic partners – URENCO company (Great Britain), and then – to Westinghouse already for nuclear fuel manufacture. Such nuclear material processing is not available in Ukraine yet. But we are working on creating the appropriate capacities," Petro Kotin stressed.

Currently, special transport with uranium is moving through Europe.

As a reminder, the cooperation between Energoatom and CAMECO began in 2019 with the signing of a Memorandum of Understanding in the nuclear field. After that, the partnership only expanded and strengthened. After lengthy negotiations, on March 19, 2023, in London, President of SE NNEGC Energoatom Petro Kotin and CAMECO President and CEO Tim Gitzel signed bilateral contracts to expand the ongoing cooperation between the companies. The signing ceremony was held in the presence of the Minister of Energy of Ukraine Herman Halushchenko, who joined the ceremony online.

Thus, CAMECO will provide 100% of Energoatom's needs for natural uranium hexafluoride for Rivne, Khmelnytsky and South Ukraine NPPs from 2024 through 2035. The contract also envisages the possibility of supplying the Zaporizhzhya NPP with uranium hexafluoride as soon as control over the nuclear plant is returned to its legitimate operator – Energoatom.

- Another agreement stipulates that Energoatom shall sell to Canada domestic uranium, which is mined by the Eastern Mining and Processing Plant in Ukraine. Cameco will provide the conversion of Ukrainian uranium for Energoatom's needs. In April 2023, SE NNEGC Energoatom signed an agreement with a Canadian company on the physical delivery of uranium concentrate from Ukraine to Canada. The companies also signed a memorandum on the development of the uranium



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mining industry in Ukraine with the assistance of Canadian partners.

Current situation on Zaporizhzhya NPP

- According to the SE NNEGC Energoatom as of September 13-14, 2023, the Zaporizhzhya NPP received power for its in-house needs from the energy system of Ukraine. As of 08:00 on September 13-14, 2023, the radiation state at the Zaporizhzhya NPP was within the current norms.
- SE NNEGC Energoatom reports that as of 08:00 on September 14, the water level in the cooling pond of Zaporizhzhya NPP was 15.94 m. The situation remains stable and under control.

Current situation on Chornobyl NPP and in the Exclusion Zone

- On September 13-14, 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 September 14, 2023, the 568 day of the resistance of Ukraine to the russian military invasion has ended.
- According to the General Staff of the Armed Forces of Ukraine, the Ukrainian Armed Forces have liberated Andriivka during their assault actions, are continuing their offensive, and have had partial success in the area of Klishchiivka in Donetsk Oblast [eastern Ukraine].
- In the area of responsibility of the Khortytsia Operational-Strategic Group on the Bakhmut front, the russians are continuing their attempts to break through the defence of the Armed Forces of Ukraine near Bohdanivka. In turn, the Armed Forces of Ukraine, during their offensive operations, have had partial success in the Klishchiivka area. During the assault, they captured Andriivka in Donetsk Oblast, inflicted significant losses on the russians in terms of manpower and equipment, and now are consolidating their positions.
- In the area of responsibility of the Tavriia Operational-Strategic Group on the Avdiivka and Marinka fronts, the russians conducted unsuccessful offensive operations in the areas of Lastochkyne and Avdiivka in Donetsk Oblast. Yesterday, they carried out about 10 unsuccessful attempts to oust the Ukrainian units from their positions. In addition, all the attacks of the russians on the Marinka front of Donetsk Oblast turned out to cause significant losses for them both in manpower and in equipment.
- On the Melitopol front [southeastern direction], Ukraine's Armed Forces continue their offensive operation, inflicting significant losses on the russian forces in manpower and equipment in the area of the village of Verbove in Zaporizhzhya Oblast. In the area of responsibility of the Odesa Operational-Strategic Group on the Kherson front [southern direction], the Armed Forces continue to conduct counter-battery combat, destroy supply depots and inflict successful strikes on the russian forces' rear.
- In the area of responsibility of the Pivnich Operational-Strategic Group on



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the northern fronts, the operational situation remains unchanged. russians are maintaining troops covering the state border, conduct active sabotage activities in the border areas in order to prevent the transfer of Ukrainian troops to other fronts, and increase the density of minefields along the state border in Belgorod Oblast.

- During the past day, the Ukrainian Air Force inflicted 10 strikes on clusters of personnel and military equipment. Units from Rocket Forces and Artillery and UAVs hit one command post, three anti-aircraft missile systems, five artillery pieces and one ammunition storage point. In total, 25 combat clashes took place on the front in the past day. About 100 settlements in Kharkiv, Luhansk, Donetsk, Zaporizhzhya and Kherson oblasts came under artillery fire.
- A 6-year-old boy has been killed, and his 13-year-old brother wounded in an overnight russian attack on the settlement of Novodmytrivka in Kherson Oblast. Three neighbours who tried to help the children but who came under repeated fire were also injured.
- Ukraine's Defence Forces shot down three russian drones over Dnipropetrovsk Oblast [central Ukraine] on the night of September 13-14, with debris from the Shaheds partially destroying a private residential building and damaging six more.
- The Ukrainian Air Force destroyed all 17 russian Shahed drones that attacked Khmelnytskyi Oblast [western direction] on the night of September 14-15.

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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 80 ОКРЕМА
ДЕСАНТНО-ШТУРМОВА
БРИГАДА

Paratroopers of the 80th Separate Air Assault Brigade of the Armed Forces of Ukraine virtually every other day storm forest plantations in the Donbass, where russian forces are stationed.

Every day they have 40 kilograms of armor, grenades and ammunition. , and before them is a combat mission.



 80 ОКРЕМА
ДЕСАНТНО-ШТУРМОВА
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Source: Ministry of Defense of Ukraine

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



DONATE

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

