

INFORMATION DIGEST

APRIL 12 - 13, 2023



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

- According to SE "NNEGC "Energoatom", as of April 12 - 13, 2023, 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.
- SE NNEGC «Energoatom» and CAMECO have signed an agreement which was the last necessary step for the implementation of the program for the use of Ukrainian uranium in the production of nuclear fuel for nuclear power plants in Ukraine. This is the «Agreement for weighing, sampling, storage, analysis and transportation of uranium oxide concentrate» (UOC) produced by SE «SkhidGZK» which was signed in Canada on April 11, 2023 by Energoatom President Petro Kotin and CAMECO President and CEO Tim Gitzel in the presence of Prime Minister of Ukraine Denys Shmyhal.

The document regulates physical delivery of UOC from Ukraine to Canada and related terms. In particular, the agreement provides for the supply of the entire quantity of uranium mined in SkhidGZK to Canada and the further use of the uranium concentrate for the conversion and supply of natural uranium hexafluoride (UF₆) for enrichment.

Current situation on Zaporizhzhya NPP

- According to the SE "NNEGC "Energoatom" as of evening April 12 - 13, 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.
- According to the SE "NNEGC "Energoatom" russian occupiers are taking food and water to the Zaporizhzhya Nuclear Power Plant (the ZNPP), preparing to detain the station's personnel there by force, fearing the widely announced Ukrainian counteroffensive. Reportedly, there is currently a "crazy shortage of nuclear engineers needed to operate the temporarily occupied Zaporizhzhya NPP", and there is also information about an upcoming Ukrainian offensive, so the occupiers are preparing to hold ZNPP staff hostage for a long period of time. It is noted that the invaders have brought a lot of provisions and water to the station. Energoatom has suggested that the Russians may not let the station's staff go after one of the regular work shifts and will lock them in at the ZNPP by force. Energoatom reiterated that this is something that the occupiers had already done at the beginning of the full-scale invasion when they locked in a shift of staff at the Chernobyl NPP. At that time, the invaders did not let the staff go home for about a month, holding people hostage until they were liberated.
- Press service for Energoatom reports that a russian mine has exploded near a power unit at the occupied Zaporizhzhya Nuclear Power Plant (ZNPP), and the russians have



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tried to hide it from IAEA experts. Quote: "The Russian occupiers are continuing to turn Zaporizhzhia NPP into a military base, laying mines on the perimeter of the plant. And these actions cannot but have consequences. Sources say that an explosion occurred near the engine room of the fourth power unit. As stated by the nuclear terrorists themselves, one of their mines detonated." Details: Energoatom reported that the sound of the explosion had been heard by Ukrainian nuclear scientists who are continuing to work at the ZNPP. At the same time, the Russians tried to "calm" the workers and quickly hid their tracks so that the IAEA experts would not see this.

- SE «NNEGC «Energoatom» will collect the damages caused by Russian's military aggression from the aggressor itself. Thus, in March 2023, the Company handed over a notice of dispute to representatives of the Russian Federation in connection with the expropriation of Energoatom's investments located in the Zaporizhzhya region, including the temporarily occupied Zaporizhzhya NPP. The written message refers to the colossal damages caused to Energoatom by the aggressor country, and their compensation is demanded. If it is impossible to resolve the dispute peacefully, Energoatom will submit the relevant dispute to international arbitration. The leading international legal advisor Shearman & Sterling LLP provided legal support to the Company. As a remind, a similar message was sent to Russia in 2021 in connection with Energoatom's loss of its investments in Crimea.

Current situation on Chornobyl NPP and in the Exclusion Zone

- On April 12 - 13, 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

- The 415 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 russians is not giving up their plans to occupy our territories, despite significant losses. russian forces continue to focus their efforts on conducting offensive operations on the Lyman, Bakhmut, Avdiivka and Marinka fronts. The fiercest fighting is currently happening for the cities of Bakhmut and Marinka. Over the course of the past 24 hours, 49 enemy attacks were repelled thanks to the coordinated actions of the units of the defence forces and the heroism of our soldiers.
- During the day, russian forces carried out 19 airstrikes and deployed multiple launcher rocket systems to attack 37 times, injuring civilians.
- Four people were wounded as a result of a russian attack on Kharkiv Oblast on 13 April, including a volunteer who helped with the evacuation of people who is in critical condition.
- On the Zaporizhzhya and Kherson fronts [southern Ukraine], the invaders are in defensive positions. Occupiers attack the settlements near the contact line. Over the past day, the enemy launched 81 strikes on the demarcation line: one missile, seven air strikes, 68 artillery strikes, three attacks using UAVs, and two with MLRS. In the afternoon of April 13, the russians shelled the residential quarters of Kherson and Beryslav district. There are dead and wounded.



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There is only one way to stop russian terror, to return security to all our cities and communities – from Sumy region to Donbas, from Kharkiv region to Kherson region, from Kyiv region to Yalta. And this path is a military victory for Ukraine, - the President of Ukraine Volodymyr Zelenskyy



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Photo: Oleh Palchyk, 53rd Separate Mechanized Brigade named after Prince Volodymyr Monomakh, Alex Babenko, Aris Messinis, Enes Yildirim, Oleg Petراسиuk for EPA Images, Serhii Korovainyi for The Wall Street Journal, Stas Kozljuk, Kostiantyn Liberov and Vlada Liberova.



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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](https://www.censor.net), [Ukrainska Pravda](https://www.Ukrainska Pravda), [radiosvoboda.org](https://www.radiosvoboda.org), [eurointegration.com.ua](https://www.eurointegration.com.ua)

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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