

INFORMATION DIGEST

OCTOBER 30 - NOVEMBER 4, 2023



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

- According to SE NNEGC Energoatom, on October 30 – November 4, 2023 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.
- On November 2, 2023, at the meeting of the Board of the State Nuclear Regulatory Inspectorate of Ukraine, a decision was made on the possibility of extending the long-term safe operation of South Ukraine NPP power unit 1 for another 10 years – until December 2033. The appropriate amendments to the license will soon be made by the State Nuclear Regulatory Inspectorate of Ukraine (SNRIU).

Current situation on Zaporizhzhya NPP

- According to the SE NNEGC Energoatom as of October 30 – November 4, 2023, the Zaporizhzhya NPP received power for its in-house needs from the energy system of Ukraine. As of 08:00 on November 4, 2023, the radiation state at the Zaporizhzhya NPP was within the current norms. SE NNEGC Energoatom reports that as of 08:00 on November 4, the water level in the cooling pond of Zaporizhzhya NPP was 15.68 m. The situation remains stable and under control.
- According to the State Nuclear Regulatory Inspectorate of Ukraine (SNRIU) on November 2, 2023, another rotation of the staff of the permanent monitoring mission of the IAEA at the Zaporizhzhya NPP, which is occupied by the Russian military, took place. This is the 14th group of experts of the Agency since the establishment of the permanent monitoring mission at the ZNPP. It is noted that the permanent monitoring mission of the IAEA has been operating at the occupied ZNPP since September 2022. IAEA experts also work at the Khmelnytsky, Rivne, and South Ukrainian nuclear power plants, as well as at the Chernobyl NPP.
- The occupation administration of Zaporizhzhya NPP plans to hold emergency drills in November - the first since the seizure of the plant in early March 2022. The International Atomic Energy Agency, IAEA, will continue to pay close attention to maintenance activities at Zaporizhzhya NPP as this remains a source of concern. This was stated by IAEA Director General Rafael Grossi.

"Over the past week, the IAEA experts continued to tour the plant, visiting fresh fuel storage facilities, emergency diesel generators at Unit 1, an open distribution point of the 750-kilovolt power line, the central warehouse and the temporary emergency response center. They were informed that emergency drills, the first since the beginning of the conflict, are scheduled for November," the statement



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said.

It is also noted that after the closure of the reactor vessel of Unit 3 last month, which remained open after maintenance in 2022, the occupation management of the nuclear power plant informed the IAEA experts that "hydraulic tests of the unit's steam generators are underway and will be completed over the weekend, after which tests will be carried out on the primary and secondary cooling circuits." On Friday, the IAEA confirmed to the experts that after the completion of the hydraulic tests, Unit 3 will be in a "cold" state.

In addition, the IAEA experts were told that the occupation management of ZNPP does not plan to restart any of the units, four of which are in "cold" and two in "hot" reserve to generate steam for various nuclear safety functions and heating Enerhodar in winter. The statement noted that the IAEA "continues to pay close attention to maintenance at the site, with maintenance of equipment essential to the safety of the plant being a matter of concern".

"The reduced number of maintenance personnel at the plant and the limited availability of all necessary spare parts could affect the operation of safety systems. It is crucial that all necessary maintenance is carried out," Grossi said. In addition, he pointed out that the IAEA team "continues to request access to the roofs of reactor units 1, 5 and 6 after having been able to access these areas of the other three ZNPP units in recent months".

"The IAEA experts also need access to all six turbine halls. However, on 27 October, they were granted only partial access to the reactor hall of Unit 2 after having been granted similarly limited access to the turbine hall of Units 1 and 4 earlier in the month," the statement said.

Current situation on Chernobyl NPP and in the Exclusion Zone

- On November 4, 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 4, 2023, is the 619 day of the resistance of Ukraine to the russian military invasion.
- According to the General Staff of the Armed Forces of Ukraine, the situation in the Eastern direction remains difficult, russians don't stop trying to find weak points in Ukrainian defense. The Lyman-Kupiansk direction remains one of the most difficult on the front line.
- In particular, in the Kupiansk direction, they carry out constant attacks by assault units, trying to dislodge Ukrainian troops from their occupied positions and also do not stop trying to reoccupy the city of Kupiansk.
- In addition, the russians are carrying out assault operations in this direction with



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the use of "Storm "V" and "Storm "Z" assault units and replenishes the losses of its military units with personnel who have undergone training at training grounds in the Russian Federation.

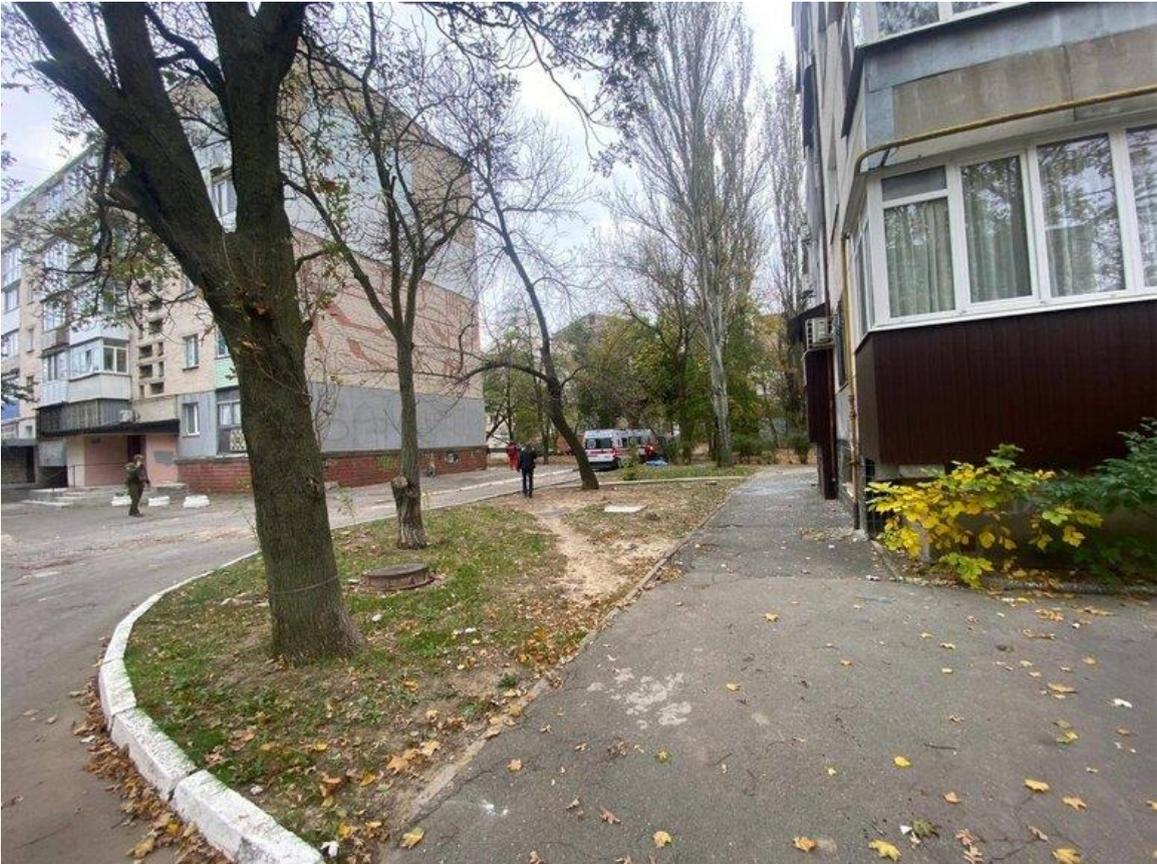
- Currently, the enemy is regrouping in this area to resume their offensive. Accumulates reserves and concentrates artillery groups. It does not stop intensive artillery fire. Also, Russian troops do not stop trying to surround the city of Avdiivka.
- In the direction of Bakhmut, the enemy unsuccessfully tried to restore the lost position, Ukrainian defenders repelled about 10 attacks. In turn, the Defense Forces of Ukraine continue their assault operations south of the city of Bakhmut.
- In the south directions the Defense Forces of Ukraine continued to conduct an offensive operation in the Melitopol direction. In Kherson region Ukrainian defenders force Dnipro River and storm Krynyky village.
- More than 110 settlements in the Chernihiv, Sumy, Kharkiv, Luhansk, Donetsk, Zaporizhzhya, Kherson, and Mykolaiv regions came under artillery fire.
- On November 3, Russians launched 1 missile and 67 air strikes, carried out 40 MLRS attacks.
- In the morning November 3, the occupiers launched a rocket attack on Zarichne village in Zaporizhzhia region. 11 residents were wounded.
- At night, Russian troops struck the town of Ochakiv in Mykolaiv region. Seven multi-storey buildings, private houses and cars were damaged.
- On 2 November, the Russian occupiers launched three kamikaze drones at the city of Nikopol, and fired at the Pokrovska community in the Dnipro region with heavy artillery. In the night on November 1, Russian drones attacked Poltava region, oil refinery in Kremenchuk was hit.
- On 1 November, at around 9 am, the center of the city of Kherson came under another attack, an employee of the City's Military Administration was killed by a Russian shell and two other people were injured. As a result of the Russian shelling of Kherson on October 30, a woman was killed and nine people were injured.
- In order to protect the southern regions from Russian guided bombs, it is necessary to destroy the aircraft that launches them. This was stated by Natalia Humeniuk, a spokeswoman for the Operational Command South.

"We are talking about the need for long-range and high-precision weapons, because the enemy is hiding behind the local population on the other side of the Dnipro. And we can't make a mistake trying to destroy the enemy's positions. The more long-range precision weapons we have, the more effective our work will be," she said.

According to Humeniuk, the main problem in the South is guided aerial bombs.

"Destroying them is inappropriate. We need to destroy those who launch them. So, fighter jets, anti-missile and anti-aircraft weapons are the main things we need," the spokeswoman added.





Consequences of morning shelling of Kherson on 1 November: employee of City's Military Administration was killed, two people were injured



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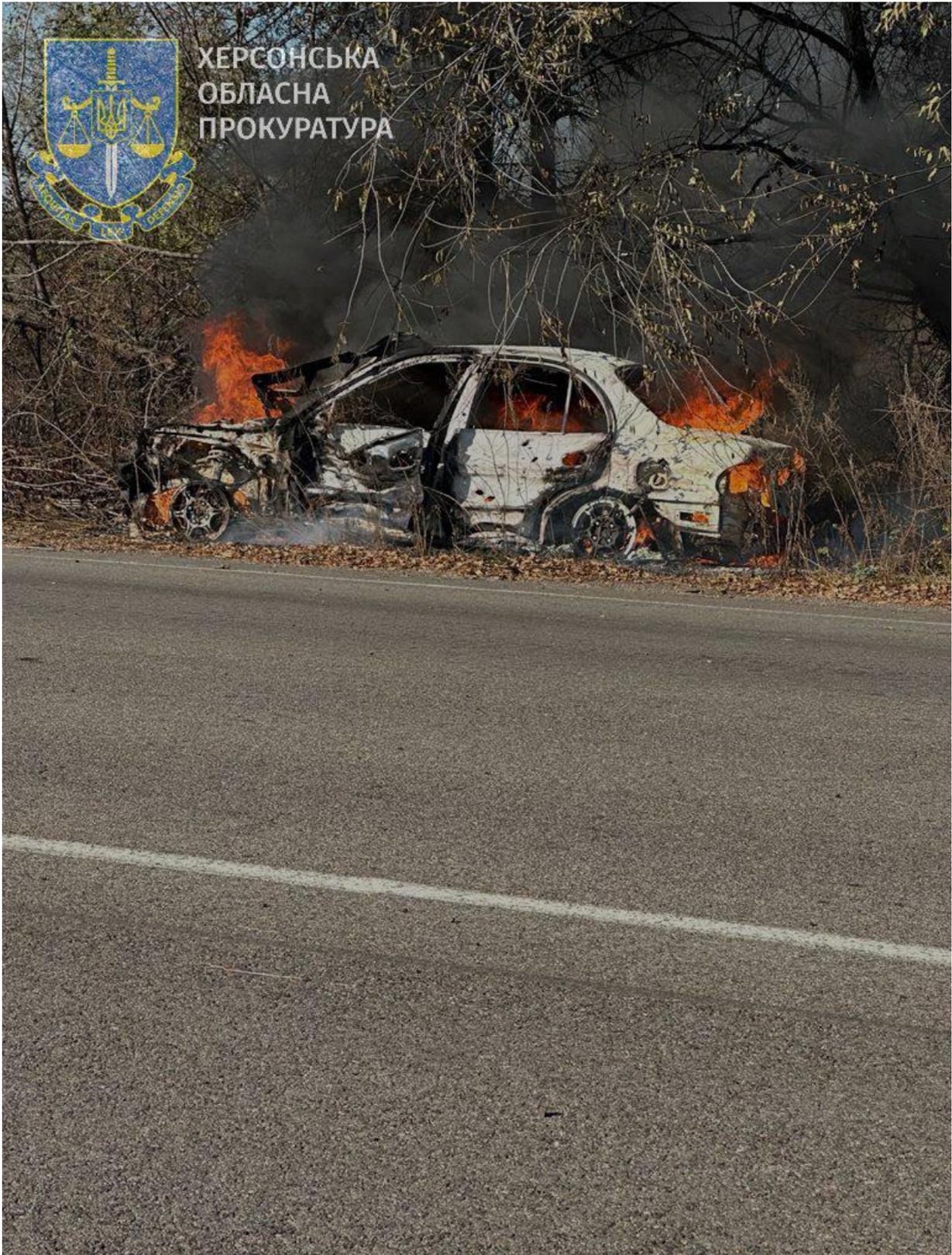


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ru **ussian troops hit Kherson on October 31: they hit car, man died**



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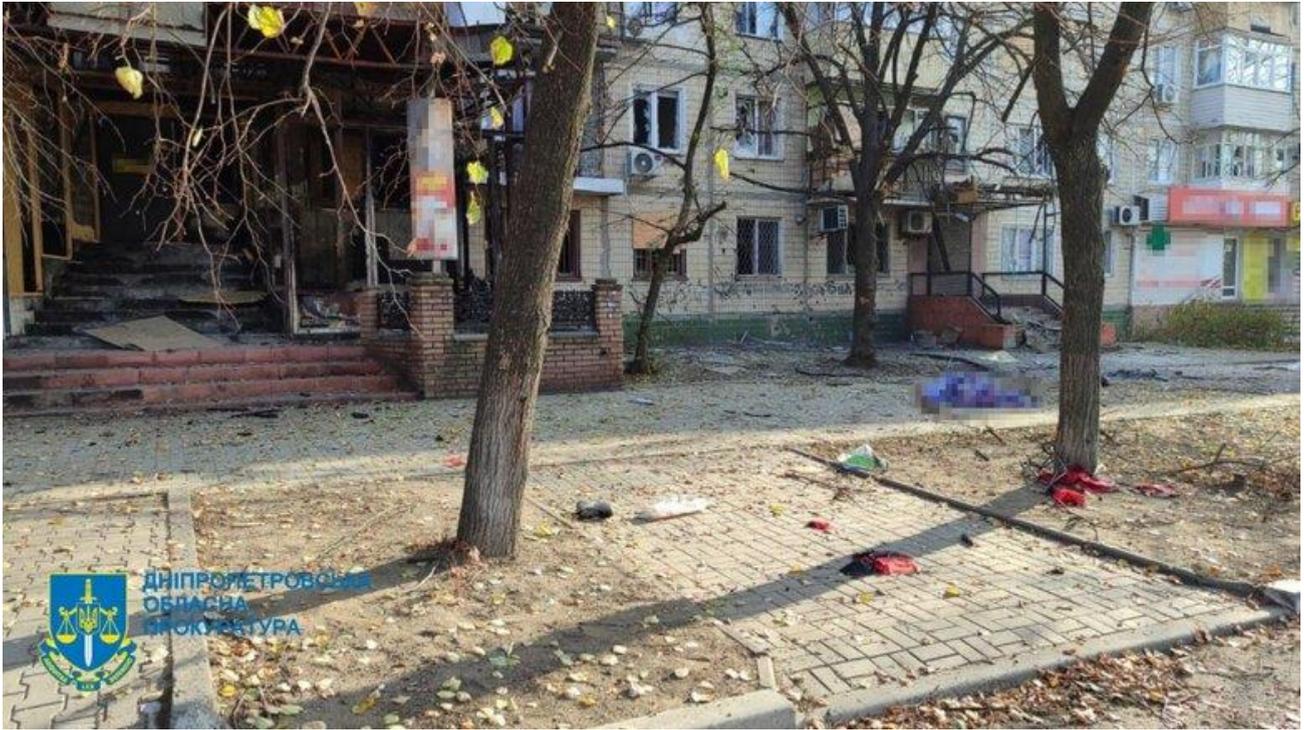


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The russian occupation forces attacked Nikopol On November 1 with a kamikaze drone, killing a woman and injuring 6 others



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Consequences of shelling of ship repair plant in Odesa: 4 people injured.



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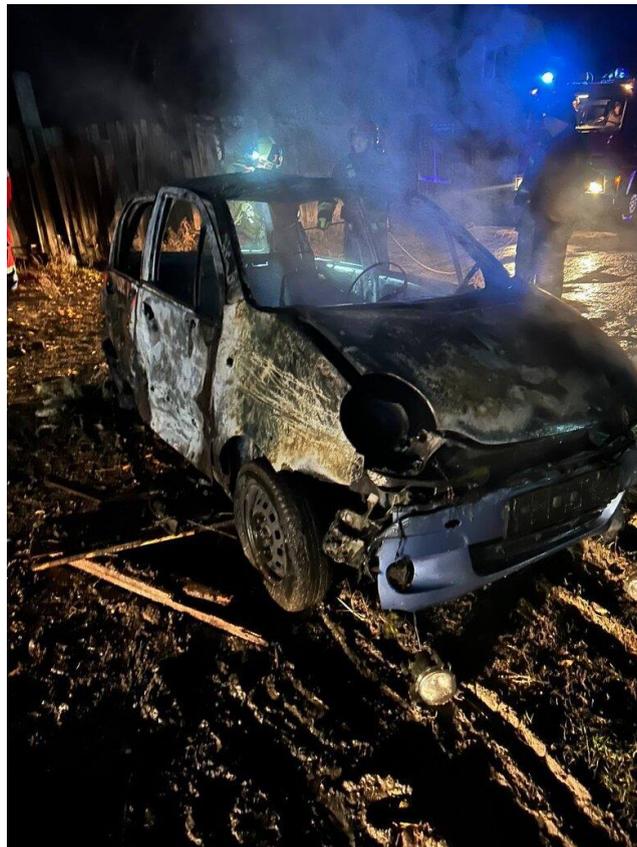


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Consequences of massive strikes on Kharkiv and the Kharkiv district. Two garages, 4 cars, and an outbuilding were damaged. An educational institution was partially destroyed.



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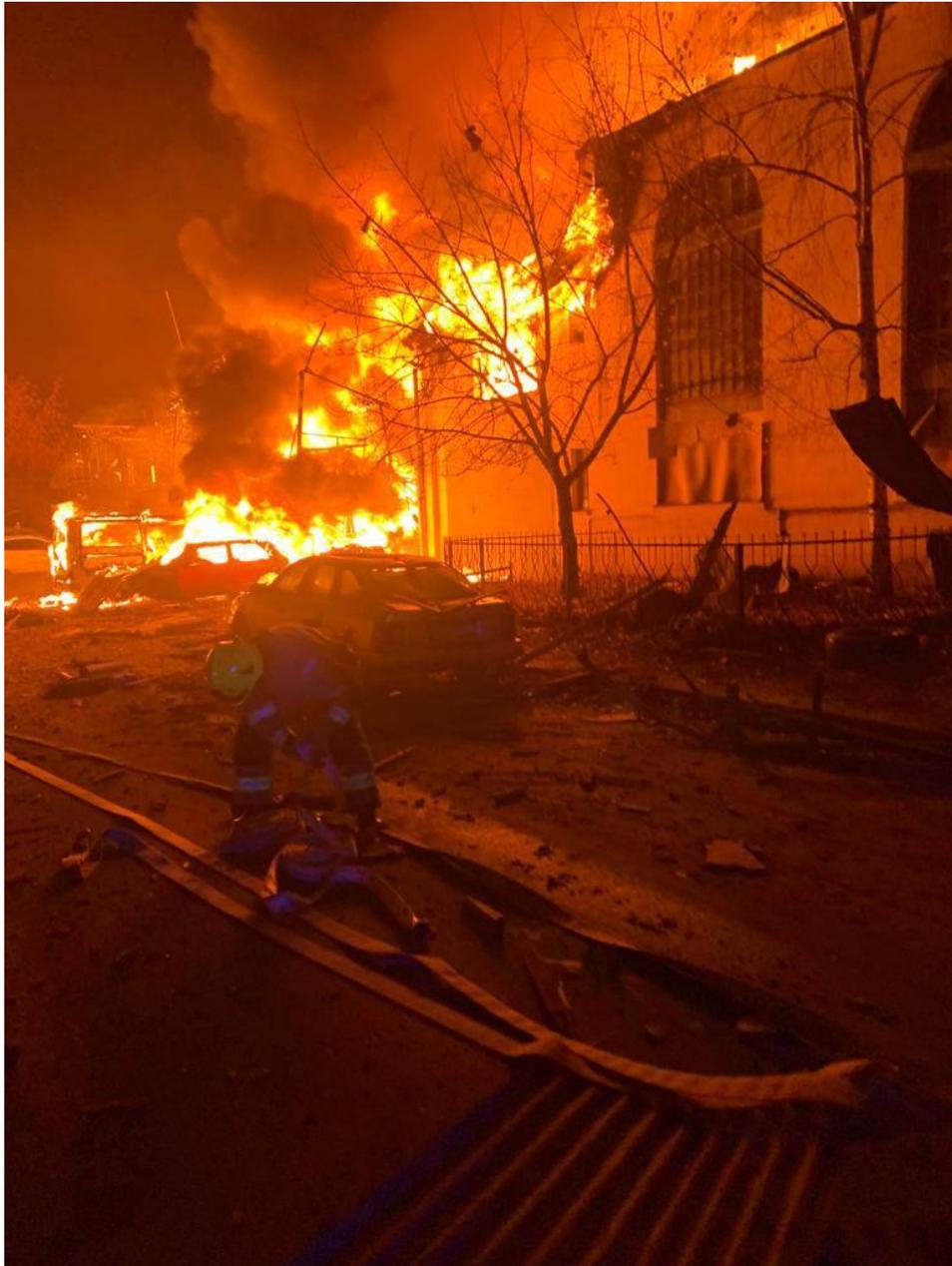


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Sources: t.me/V_Zelenskiy_official, t.me/energoatom_ua, Centre for Strategic Communication, Ministry of Defense of Ukraine, the National Police of Ukraine censor.net, Ukrainska Pravda, radiosvoboda.org, eurointegration.com.ua

DEAR COLLEAGUES

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

