

## Information Circular

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**General Distribution**

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# Communication dated 20 October 2022 received from the Permanent Mission of Ukraine to the Agency

1. The Secretariat has received a Note Verbale dated 20 October 2022 from the Permanent Mission of Ukraine to the Agency.
2. As requested, the Note Verbale is herewith circulated for the information of all Member States.



**Permanent Mission of Ukraine**  
to the International Organizations  
in Vienna

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The Permanent Mission of Ukraine to the International Organizations in Vienna presents its compliments to the Secretariat of the International Atomic Energy Agency and has the honour to communicate the following.

On 10 October 2022, Russian occupiers abducted Mr Valeryi Martyniuk, Deputy General Director of the Zaporizhzhia Nuclear Power Plant, and held him in an unknown location. The Russians tried to receive personal detailed profiles of the NPP employees. On 17 October 2022, Mr Valeryi Martyniuk was released from captivity.

On 11 October 2022, Russian occupiers began to bring beds, mattresses, boilers and other household items to the machine hall of the 1<sup>st</sup> and 2<sup>nd</sup> units of the ZNPP. The Russian military plan to significantly increase their presence at the plant and are trying to arrange winter barracks at the plant.

On 12 October 2022, at 8:59 a.m. EET, the Russian missile damaged the Dniprovska substation in the Dnipropetrovsk region resulting in disconnection of the 750 kV ZNPP – Dniprovska line and start-up of diesel generators. On the same day, Ukrainian specialists restored the line.

On 15 October 2022, around 11:00 a.m. EET, armed Russian soldiers, representatives of the Federal Security Service and Rosatom broke into the office of the Chief Engineer of the ZNPP and, at gunpoint, forbade the plant's personnel to continue any actions related to the start-up of power units 5 and 6 of the plant. At the same time, they stated that Moscow controlled all production and technological processes at the ZNPP, and all orders of the operating company Energoatom regarding plant operation had to be approved by the Russian administration.

Secretariat  
International Atomic Energy Agency  
Vienna

The operation of at least two power units of the ZNPP is primarily required for generation of steam, which is necessary to ensure the regulated temperature regime of the premises with safety system equipment and heat supply to the town of Energodar during the autumn – winter period. The current state of the ZNPP units – “cold shutdown” – can cause disturbance of the temperature regime due to drop of the ambient temperature, which may lead to malfunction of diesel-generators (inability to start up diesel generators of safety systems when the temperature in a suction chamber and engine rooms drops below +20°C). This situation might lead to a partial or complete failure of the safety system trains, which constitutes violation of nuclear and radiation safety, and poses risk of possible radiation accident at the plant and a humanitarian disaster in the town of Energodar.

In addition, since water purification in the cooling pond of the ZNPP is provided by using rare breeds of fish (hydrobionts) that die when the water temperature falls below 15°C and there is no aeration, the absence of operating power units at the ZNPP can lead to a massive death of hydrobionts (from 1000 tons and more) and, respectively, an environmental disaster.

On 17 October 2022, Russian troops shelled Ukrainian critical infrastructure substations, resulting in the disconnection of the 750 kV ZNPP – Dniprovskia line at 3:59 a.m. EET. Due to a short-term decrease in voltage, the reserve transformer of the ZNPP own needs turned off and the diesel generators started-up. In addition, the 750 kV South Ukraine NPP – Dnirovskia line was disconnected as a result of shelling without affecting the load of SUNPP. On the same day, the Russian occupiers abducted Mr Oleg Kostyukov, Head of Information Technology Service at the ZNPP, and Mr Oleg Osheka, the plant's Assistant General Director. There is no information about their whereabouts and condition.

The Permanent Mission of Ukraine requests the Secretariat of the International Atomic Energy Agency to promptly circulate this Note Verbale as Information Circular to all IAEA Member States.

The Permanent Mission of Ukraine to the International Organizations in Vienna avails itself of this opportunity to renew to the International Atomic Energy Agency the assurances of its highest consideration.



Vienna, 20 October 2022