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مجلس الأمن

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رسالة مؤرخة 15 تشرين الثاني/نوفمبر 2024 موجهة إلى الأمين العام ورئيسة مجلس الأمن من القائم بالأعمال بالنيابة للبعثة الدائمة للاتحاد الروسي لدى الأمم المتحدة

أود أن أوجه انتباهكما إلى المذكرة الشفوية المؤرخة 15 تشرين الثاني/نوفمبر 2024 الموجهة إلى أمانة الوكالة الدولية للطاقة الذرية من البعثة الدائمة للاتحاد الروسي لدى المنظمات الدولية في فيينا بشأن الوضع السائد في محطة زابوروجسكايا النووية لتوليد الكهرباء في 12 تشرين الثاني/نوفمبر 2024 (انظر المرفق)*.

وأرجو ممتنا تعميم هذه الرسالة ومرفقها باعتبارهما وثيقة من وثائق مجلس الأمن.

(توقيع) دميتري **بوليانسكي**
القائم بالأعمال بالنيابة

* يعمَّم باللغات التي قُدِّم بها فقط.

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الرجاء إعادة استعمال الورق

مرفق الرسالة المؤرخة 15 تشرين الثاني/نوفمبر 2024 الموجهة إلى الأمين العام ورئيسة مجلس الأمن من القائم بالأعمال بالنيابة للبعثة الدائمة للاتحاد الروسي لدى الأمم المتحدة

[الأصل: بالإنكليزية والروسية]

The Permanent Mission of the Russian Federation to the International Organizations in Vienna presents its compliments to the Secretariat of the International Atomic Energy Agency and has the honour to request to circulate among all IAEA Member States as soon as possible the information on the actual situation at the Russian nuclear facility Zaporozhskaya NPP (ZNPP) for the period from September 23 to November 12, 2024.

1. Ukrainian attacks against the ZNPP and the town of Energodar.

Ukrainian attacks using unmanned aerial vehicles (UAVs) and artillery continue against the facilities around the ZNPP site and the satellite town of Energodar, where the plant's employees and their families live.

Within the period from September 23 to November 12, 2024, 556 UAVs launched by Ukraine for the purpose of attacks and provocations against the ZNPP and the town of Energodar were suppressed.

On September 25, 2024, a Ukrainian UAV detonated as a result of a fall within 60 m from the perimeter of the ZNPP at the side of the spray ponds. On the same day, the armed forces of Ukraine (AFU) struck an apartment building located in the town of Energodar, which led to a fire in one of the apartments.

On October 20, 2024, Ukraine carried out an attack using a UAV against a gas boiler pipe in the town of Energodar; on October 21, 2024, the town's water intake was shelled by artillery.

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The attacks by the AFU against a gas station and a checkpoint at the entrance to Energodar on October 22, 2024, resulted in human casualties and injuries among the civilian population.

On October 29, 2024, Ukraine carried out an attack with four UAVs against civilian vehicles in Energodar.

In addition, Ukrainian special services continue to carry out sabotage and terrorist activities against ZNPP personnel and representatives of Energodar authorities. Residents of the town are regularly exposed to psychological pressure and blackmail by Ukraine. Threats are also received by relatives of ZNPP employees living on the territories controlled by Kiev.

The Ukrainian side started carrying out direct terrorist acts against the plant's personnel. On October 4, 2024, upon the instructions of the Ukrainian authorities, the head of the security pass office of the ZNPP security department A.Korotkiy was murdered.

On November 13, 2024, seven cannon artillery strikes by the AFU against civilian targets in Energodar were recorded, as well as an attack of a Ukrainian UAV against a checkpoint at the entrance to Energodar. As a result of the strikes, one civilian was killed and one was injured.

2. Operation and maintenance of the ZNPP.

Currently, all ZNPP's power units are in a state of cold shutdown. The planned cooling down systems remain in operation.

In accordance with the requirements of technological regulations for the safe operation of power units No. 1-6 of the ZNPP, technical maintenance, testing and inspection of equipment of safety systems and of safety systems themselves are carried out in order to confirm their operability and readiness to perform functions within the scope provided by the plant design.

The off-site power for the ZNPP own needs is supplied via high-voltage lines "Dneprovskaya" (750 kV) and "Ferrosplavnaya-1" (330 kV).

There are 18 diesel generator sets in constant readiness mode. As of November 11, 2024, the total stocks of diesel fuel required for the operation of the plant's emergency power supply systems are 2828.919 tons (sufficient for 19 days of operation).

Federal state supervision in the field of the use of nuclear energy is carried out at the ZNPP site in the regime of constant supervision by the Russian regulatory authority – Rostechnadzor. Within the period from September 23 to November 11, 2024, authorized personnel of Rostechnadzor carried out thirty two control and supervision procedures at the ZNPP (nine of them – with the participation of the IAEA Secretariat experts).

In accordance with the regulations, in order to maintain the ZNPP equipment in good working conditions, the necessary technical measures are being taken, repair works are being carried out according to the schedule.

3. Radiation monitoring at the ZNPP.

Monitoring of the radiation situation at the industrial site, in the sanitary protection zone and the observation zone is carried out by 18 posts of the information-measuring system "Koltso" and the automated system for monitoring the radiation situation "ASKRO". The radiation monitoring data is transmitted daily to the IAEA International Radiation Monitoring Information System "IRMIS".

The radiation background in the area where the ZNPP is located ranges from 8 to 15 microR /h, which corresponds to the natural radiation background.

The results of water chemistry and possible radioactive contamination monitoring indicate the integrity of the physical barriers.

Radiation monitoring of the dry storage facility for spent nuclear fuel is carried out along the entire perimeter of the storage site. According to the results of measurements, the content of radionuclides in environmental samples in the area of the storage site corresponds to the natural radiation background.

Computer decision support system JRodos has been installed at the ZNPP to calculate expected dose loads, the spread of radioactive substances, as well as to

prepare recommendations for protecting the population in the event of radiation accidents. In order to make the results of calculations of the consequences of radiation accidents compatible with other Russian NPPs, the RECASS NT software package is being used. The staff of the ZNPP crisis center underwent training at the Federal State Budgetary Institution "Research and Production Association "Typhoon" (Obninsk).

4. Personnel and training.

As of November 5, 2024, the number of employees at the ZNPP is 4932. There are enough personnel at the plant to ensure its safe operation, as well as scheduled maintenance work.

In order to ensure safe and reliable operation of the nuclear facilities of the ZNPP power units, a system of professional personnel training and psychological support is successfully implemented. Professional training includes preparation for a position, maintaining and improving qualification and retraining. The organization and implementation of professional training of the plant personnel is carried out by the training center.

Operational personnel of main control rooms are trained on full-scale simulators in order to maintain emergency preparedness. The training includes normal operation modes, normal operation disruption modes, design basis accident elimination modes, beyond-design basis accident management modes, including severe accident management. Plant, block, shift and individual emergency training is conducted.

An interdepartmental working group on fire safety management has been created at the ZNPP.

As of November 5, 2024, Rostechnadzor issued 260 licenses to ZNPP employees enabling them to carry out work in the field of nuclear energy use, including 5 to management personnel (director, chief engineer, deputy chief engineer for operations, deputy chief engineer for nuclear and radiation safety); 231 to operational personnel; 24 to personnel from among managers and specialists.

As of November 5, 2024, the total number of trained representatives of operational personnel responsible for the technological process is 938 persons. Taking into account personnel changes, rotation and recruitment, 141 persons continue their training.

5. Interaction with the IAEA Secretariat.

At the ZNPP, upon the IAEA Director General R.Grossi's request and with the consent of the Russian Federation, there are four specialists from the IAEA Secretariat, who arrived at the plant during the regular rotation that took place on November 5, 2024 (in total, two rotations took place during this period: October 3 and November 5, 2024).

From September 29 to November 3, 2024, IAEA Secretariat experts walked around the perimeter of the ZNPP six times.

From September 27 to November 6, 2024, they visited the reactor halls of power units No. 1, No. 3, No. 4, No. 5 and No. 6 of the ZNPP, the turbine halls of power units No. 5 and No. 6 of the ZNPP, the backup diesel power plants of power units No. 1, No. 2, No. 3, No. 4 and No. 5, cooling towers at hydraulic structures, express laboratories of the turbine hall of power unit No. 2, special buildings No. 1 and No. 2, and the chemical workshop in the combined auxiliary building; experts visited the dry storage facility for spent nuclear fuel, all mobile pumping units, mobile diesel generator stations, 750 kV open switchgear, auxiliary facilities block, electrical and mechanical equipment warehouses, coastal pumping station of power unit No. 4; walked around all unit main control rooms and spray ponds of the ZNPP.

6. Social support and cultural initiatives.

The Russian Federation continues to make efforts aimed at improving the quality of life of the ZNPP personnel and the working conditions at the plant.

Registration of compulsory and voluntary health insurance programs, as well as provision of financial assistance to the ZNPP employees, continue.

As of October 28, 2024, 4 529 ZNPP employees are covered by voluntary health insurance programs. Medical services under voluntary health insurance

programs are provided in medical institutions of the Rostov Region and of the Republic of Crimea.

Rehabilitation and health-improving programs are also being implemented for ZNPP employees and their family members, including children (provision of vouchers for sanatorium-resorts and rehabilitation treatment). As of October 28, 2024, 810 persons received spa and health resort treatment, including 560 plant employees, 89 members of their families, and 161 children.

In 2024, health improvement and vacations of children of ZNPP personnel and children of employees of Energodar enterprises and organizations were organized in five shifts. During the summer period, 1743 children visited children resort camps, including 939 children of ZNPP employees and 804 children of employees of enterprises and organizations of the town.

During the autumn holidays from October 26 to November 4, 2024, resort was organized for 185 children of Energodar, including 121 children of ZNPP employees and 64 children of employees of enterprises and organizations of the town.

At the ZNPP, considerable attention is paid to early career guidance for young residents of Energodar. In addition to the work with school graduates related to the preparation for admission to specialized universities, ZNPP conducts career guidance events with children of different ages.

In 2024, in order to plan the staffing of the ZNPP with qualified personnel, within the framework of the industry program "Path of a Nuclear Worker", 100 applicants based on the results of entrance exams became students of the Institute of Nuclear Energy and Industry of Sevastopol State University (SevGU) and are successfully studying in areas related to the nuclear industry.

Particular attention is paid to stimulating the motivation of young people to obtain specialized education. Within the framework of the "Path of a Nuclear Worker" program, career guidance events were organized for schoolchildren of Energodar and nearby settlements of the region. In November 2024, a career

guidance offsite event is planned with high school students at the SevGU and with the participation of ZNPP employees.

An action plan has been approved for the establishment of a polytechnic college branch of the Federal State Autonomous Educational Institution "Sevastopol State University" in the town of Energodar.

Data on the situation at the plant is available at ZNPP website (https://znpp.ru), in the section “Current status of the Zaporozhskaya NPP” with daily updated information.

The Permanent Mission of the Russian Federation avails itself of this opportunity to renew to the IAEA Secretariat the assurances of its highest consideration.

Vienna, "15" November 2024