



**Current report pursuant to ASF Regulation No. 5/2018 on issuers of financial instruments and market operations**

**Report date: 07.04.2026**

**Name of the issuing entity: Societatea Nationala NUCLEARELECTRICA S.A.**

**Registered office: 48 Iancu de Hunedoara Boulevard, Sector 1, Bucharest**

**Phone/fax number: 021-203.82.00 / 021 – 316.94.00**

**Unique registration code with the Trade Registry Office: 10874881**

**Registration number in the Trade Register: J1998007403409**

**Subscribed and paid-in share capital: 3,016,438,940**

**Regulated market on which the issued securities are traded: Bucharest Stock Exchange**

**To: Bucharest Stock Exchange  
Financial Supervisory Authority**

**Significant event to report: Extension of the shutdown period for Unit 2 of Cernavoda NPP and the planned shutdown of Unit 1 of Cernavoda NPP**

Nuclearelectrica SA announces that Unit 2 of Cernavoda NPP will remain shut down for a longer period of time, period deemed necessary based on assessments by Cernavoda NPP specialists.

We would like to remind you that Unit 2 of the Cernavoda Nuclear Power Plant automatically disconnected from the grid on the evening of May 4 due to a malfunction in an insulator associated with a power output transformer.

In this context, in strict compliance with the procedures applicable in such situations and in accordance with all nuclear safety norms and standards relevant to the project, Unit 2 of the Cernavoda Nuclear Power Plant is currently undergoing a controlled shutdown to carry out repair work, which includes replacing the transformer with a backup unit—a process requiring a longer shutdown period.

The replacement of an electrical transformer is a complex process that involves isolating, dismantling, and relocating the original transformer, as well as conducting comprehensive testing and calibration of the new transformer (including checks on seals, insulators, and resistors, as well as oil quality, etc.), followed by relocation, installation, and testing prior to commissioning.

While the repair work is being carried out and the transformer is being replaced with the backup unit, the reactor at Unit 2 is being kept safely shut down, with no impact on nuclear safety, personnel, the public, or the environment, in strict compliance with applicable procedures.

Furthermore, in accordance with the established and budgeted planned shutdown schedule,  
**Societatea Națională NUCLEARELECTRICA S.A.**

48 Iancu de Hunedoara Boulevard, Bucharest 011745, Romania; Tel +4021 203 82 00, Fax +4021 316 94 00;

Registered with the National Trade Registry Office under No. J1998007403409, European Unique Identifier (EUID) ROONRC.

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0497 1852 0001 held at BCR Sector 1 Branch;

Subscribed and paid-in share capital: 3,016,438,940 lei.

[office@nuclearelectrica.ro](mailto:office@nuclearelectrica.ro), [www.nuclearelectrica.ro](http://www.nuclearelectrica.ro)

Unit 1 of the Cernavoda Nuclear Power Plant will enter a planned shutdown beginning on May 10, 2026. Disconnection from the National Power Grid will take place at 11:00 a.m.

Planned outages are complex projects, initiated 24 months prior to the scheduled date, with a project management team, implementation schedule, and appropriate human resources and budget planning.

During the planned outage, activities from the following programs will be carried out:

- Preventive maintenance program;
- Corrective maintenance program;
- Inspection program;
- Mandatory testing schedule during planned outages;
- Schedule for implementing design changes.

Both the work related to the replacement of the transformer at Unit 2 and the work related to the planned outage will be carried out in a manner that ensures the safety of plant personnel, the public, and the environment, in accordance with the approved procedures used at CNE Cernavodă and nuclear safety standards.

**Cosmin Ghita**  
**Chief Executive Officer**