

Current report according to: ASF Regulation no. 5/2018 on issuers of financial instruments and market operations

Reporting date: 07.05.2024 Name of the issuing entity: Societatea Nationala NUCLEARELECTRICA S.A. Registered office: Iancu de Hunedoara Av, nr. 48, Sector 1, Bucharest Phone/fax number: 021-203.82.00 / 021 – 316.94.00 Sole Registration Code with the Trade Register Office:10874881 Order number: J40/7403/1998 Subscribed and paid share capital: 3.016.438.940 lei Regulated market on which the issued securities are traded: Bucharest Stock Exchange

To: Bucharest Stock Exchange Financial Supervisory Authority

Important event to report: Resynchronization of Cernavoda NPP Unit 2 to the National Energy System

SN Nuclearelectrica SA informs its shareholders and investors that Unit 2 of Cernavoda NPP has been resynchronized to the National Energy System in the morning of 07.05.2024.

Cernavoda NPP Unit 2 was shut down in a controlled manner in the evening of 30.04.2024 for repair works in the classical part of the Unit, without impact on the nuclear part.

The controlled shutdown and the repair works were carried out according to the procedures applicable in such situations, with no impact on nuclear safety, environment, personnel or population.

Cosmin Ghita Chief Executive Officer

> Societatea Natională NUCLEARELECTRICA S.A. Iancu de Hunedoara Boulevard 48, Bucharest 011745, Romania; Tel +4021 203 82 00, Fax +4021 316 94 00; Trade Registry number: J40/7403/1998, Sole registration code: 10874881, Paid and subscribed capital: 3.016.438.940 lei. office@nuclearelectrica.ro, www.nuclearelectrica.ro