

Report date: 23.12.2014

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

Registered office: Strada Polona nr. 65, Sector 1, Bucuresti

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

Sole Registration Code with the Trade Register Office: 10874881

Order number in the Trade Register: J40/7403/1998

Subscribed and paid share capital: RON 2,817,827,560.00 Lei

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

To: Bucharest Stock Exchange

Financial Supervisory Authority

Ref: Current report in compliance with the Law number 297/2004 regarding the capital

market, The Regulations of the Romanian National Securities Commission

regarding the issuers and securities operations, as subsequently amended, as well as

in compliance with Code of the Bucharest Stock Exchange

Important event to be reported: The desynchronization of Cernavoda Nuclear Power Plant Unit 2 from the National Power Grid

Societatea Nationala Nuclearelectrica S.A. ("SNN") informs its shareholders and investors that on December 23rd, 2014, Cernavoda nuclear power plant's Unit 2 will be shutdown in a controlled manner in order to repair a defect on an impulse line related to a measurement instrument situated in the reactor building.

The unit's systems operate in compliance with the project, without affecting the nuclear safety of the reactor, the operational staff, the population and the environment.

The restart and reconnection of the Unit to the National Power Grid will take place after the remediation of the defect and the verification tests performed in compliance with the procedures of the power plant.

SNN will inform the shareholders and investors regarding this aspect.

Daniela Lulache

CEO