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**Horia Hulubei National Institute for R&D
in Physics and Nuclear Engineering
(IFIN-HH)**

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No. /

To

National Commission for Nuclear Activities Control

14, Libertatii Ave., Bucharest, District 5, PO Box 42-4

Attn: Ms. VAJDA Borbala, President of CNCAN

I, the undersigned, Dr. Nicolae Victor ZAMFIR, Director General of “Horia Hulubei” Institute of Research & Development in Physics and Nuclear Engineering - IFIN-HH, request the issuance of the authorization for the deployment of nuclear activities at VVR-S Nuclear Research Reactor and Spent Nuclear Fuel Repository in compliance with law no. 111/1996, on the safe deployment, regulation, authorisation and control of nuclear activities, with subsequent amendments and supplements.

We request the authorization for conducting decommissioning activities to be carried out in Phase 1 at VVR-S Nuclear Research Reactor. These activities are specific to Stage 1 according to “Norms for decommissioning objectives and nuclear installations”, (NSN-15), approved by CNCAN President Order no. 181/05.09.2002 and “VVR-S Nuclear Reactor Decommissioning Plan”, Revision 9, approved by CNCAN.

Starting from 2010, the decommissioning of VVR-S Nuclear Reactor will be carried out within 3 phases (stages), until 2020, implementing the immediate decommissioning strategy. Phase 1 (stage 1) will be carried out over a 3 years period (2010-2012).

We request the authorization for conducting operating activities at the Spent Nuclear Fuel Storage Facility, according to “DCNU Security Final Report”, approved by CNCAN, until the completion of spent nuclear fuel repatriation to the Russian Federation.

We attach to this request the following documents:

1. Annex 1 – IFIN-HH decision on appointing the person responsible for VVR-S research nuclear reactor decommissioning activities;
2. Annex 2 – Documents certifying IFIN-HH technical capability and authorizations for deploying decommissioning activities at VVR-S NR and DCNU operation;
3. Annex 3 – Providing the financial resources for carrying out the activities;
4. Annex 4 - Decommissioning plan approved by CNCAN;
5. Annex 5 - Romanian Government decision of the final shutdown for the decommissioning of VVR-S NR, published in the Official Gazette of Romania, part I;
6. Annex 6 - DCNU Security Final Report, approved by CNCAN and S-36 nuclear fuel transfer documents from VVR-S NR building;
7. Annex 7 - List of products and services offered to IFIN-HH by the suppliers involved in the activities carried out at RN VVR-S and DCNU;
8. Annex 8 – List of dosimetry equipment existing at RN VVR-S and DCNU;
9. Annex 9 – List of radioactive sources held;

10. Annex 10 – Ways of managing radioactive waste safely;
11. Annex 11 – Radiological surveillance programs for workers, public and environment at IFIN-HH, including related procedures;
12. Annex 12 – Intervention Plan of in case of emergency at IFIN-HH and intervention procedures in case of emergency at VVR-S NR and DCNU.
13. Annex 13 - Quality manual for preservation – decommissioning, approved by CNCAN
14. Annex 14 – Procedure on safeguards control at IFIN-HH, according to Norms on Safeguards Control in the nuclear field;
15. Annex 15 – Physical protection procedures on regulating the access to VVR-S NR and DCNU, according to the Norms on Physical Protection in the nuclear field;
16. Annex 16 - IFIN- HH (DDR) and CNCAN interface procedure, approved by CNCAN
17. Annex 17 – Measuring procedures for conducting radiological monitoring, including final radiological monitoring;
18. Annex 18 – Environmental agreement for decommissioning;
19. Annex 19 – Sanitary certificate and other certificates required by law.

We request the issuance of the authorization for a period of 3 (three) years, representing the period estimated for the completion of Stage 1 decommissioning activities of VVR-S nuclear reactor.

Sincerely yours,

Director General
Dr. Nicolae Victor ZAMFIR