



LA REPRÉSENTATION PERMANENTE DE LA ROUMANIE
auprès de l'Union Européenne
PERMANENT REPRESENTATION OF ROMANIA
to the European Union

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No. 374

Bruxelles, 20 ianuarie 2015

Stimate Domnule Director General,

Am plăcerea de a vă transmite, în anexă, Raportul autorităților române conținând planul de măsuri care pun în aplicare recomandările făcute cu ocazia verificărilor efectuate de către Comisia Europeană, în perioada 20-24 august 2012, în România, în baza art. 35 din Tratatul Euratom.

Vă rog să primiți, Domnule Director General, asigurarea înaltei mele considerații.

A handwritten signature in black ink, appearing to read 'Mihnea Motoc'.

Mihnea Motoc

Ambasador

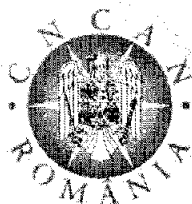
**Domnului Dominique RISTORI
Director General
Directoratul General pentru Energie
Comisia Europeană**

București

Nr. 204 / CJ. 16.01.2015

GVERNUL ROMÂNIEI

Comisia Națională pentru
Controlul Activităților Nucleare



Stimate Domnule Director General,

Mă adresez Dvs, urmare a scrisorii identificate cu nr. ENER/D3/VT/mp,Ares(2014), S – 544708 din 11.04.2014 cu privire la concluziile și raportul tehnic aferent misiunii de verificare a Comisiei Europene care s-a desfășurat în România, în perioada 20-24 august 2012 în conformitate cu prevederile art. 35 din Tratatul EURATOM.

În acest sens, vă transmit atașat raportul elaborat de autoritățile române privind planul de măsuri care pun în aplicare recomandările făcute de echipa de verificare.

Doresc pe această cale, Domnule Director General, să vă asigur de înalta mea considerație.

Constantin POPESCU

Președinte CNCAN



Domnului Dominique RISTORI
Director General
Directoratul General pentru Energie
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**Romania Report for implementation of the RECOMMENDATIONS further on verification mission of the European Commission
according to Art. 35 of EURATOM TREATY
20-24.08.2012**

| No. | Chapter from Report | Recommendation | Action | Evolution/ Future actions | Terms and responsible parts |
|---|---------------------|---|--|--|--|
| Former Avram Iancu uranium mine (operating point Stel) | | | | | |
| | 5.2.4 | <i>The verification team encourages quick implementation of stabilising tasks. It suggests covering the wire cages used for stabilisation works with concrete, since rusting of the metal wires that keep the boulders in the 'cages', which would considerably reduce stability, cannot be excluded.</i> | CONVERSMIN has in view the recommendation and will require from the design engineer to change the Technical Project of the closure as well as the estimate for the works. Depending on the amounts approved and allocated from budget to CONVERSMIN, we will proceed to carry out the necessary works. | The measure is under the analysis of CONVERSMIN and expert designer of the implementation. | Estimated term 2017. SC CONVERSMIN SA and National Uranium Company SA - responsible part. |
| Operating point Oravita, Ciudanovita and Lisava mines | | | | | |
| | 5.3.4 | <i>The verification team points out that care should be taken with regard to the soil structure of the ore heap cover. It should be considered to deliberately plant low rooting species of trees with a view to avoid soil destruction (and thus high permeability) by naturally growing, indigenous, deep rooting trees. The team also would like to allude to the necessity of keeping the knowledge about the site, in order to avoid accidental uses of contaminated sites in the distant future, and the problems involved in such a long-term task. Future monitoring programmes would have to take account of any such changes.</i> | CONVERSMIN has in view the recommendation and will require from the design engineer an analysis of the integrity of the dump's coating system on long term. The first proposal of the design engineer is the cultivation of pine trees over the rehabilitated dump's surface. | The measure is under the analysis of CONVERSMIN and expert designer of the implementation. | Estimated term 2016. SC CONVERSMIN SA - responsible part. |

FELDIOARA URANIUM MILLING AND PROCESSING SITE

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|--------------------------------------|--------|--|--|--|---|
| | 6.2.3 | <p>The verification team recommends installing automatic system(s) for aerial discharge monitoring (or at least sampling) during times of production, in case the new plant under discussion is built.</p> | <p>Implementation status: for the new plant a feasibility study was conducted, which is pending approval from the Romanian government. If approved, a technical project will be ordered in due time for an automated testing facility of gas effluents samples, or eventually for an automatic installation for monitoring.</p> | <p>The measure cannot be specified as it is related to starting a new investment on the Feldioara platform.</p> | <p>Estimated term not earlier than 2017.</p> <p>National Uranium Company SA - responsible part.</p> |
| Nuclear Fuel Plant Subsidiary | | | | | |
| | 7.4.4. | <p>The verification team encourages ensuring regular service and calibration of the monitors for gaseous effluents (MEG, procedure CN-RP-70) e.g. by a service contract.</p> | <ol style="list-style-type: none"> 1. In november 2012 a commercial contract was signed by FCN and MATE FIN SRL. The contract's object was "<i>Maintenance services, verification and calibration for Gaseous Effluents Monitors</i>". 2. For this reason FCN Pitești bought the assemble "<i>Support radioisotopes SC31 in specific geometry for Gaseous Effluents Monitors ABPM 204M</i>" with two radioactive sources Mirion MGPI (France). 3. The radioactive sources transfer was authorized by CNCAN in 2013. 4. There have been maintenance and intervention actions in 2013. 5. In 2014 calibration and verification of the 3 MEGs was performed. 6. At the moment FCN is establishing the terms for a 4 year contract for this service. | <p>The maintenance, verification and calibration for MEGs will be executed according to the 4 year contract.</p> | <p>REALISED</p> <p>SNN SA FCN Pitesti SC MATE-FIN SRL - contract parts.</p> |
| | 7.4.4. | <p>The team supports plans to install isokinetic sampling systems also for stacks 2 and 3.</p> | <ol style="list-style-type: none"> 1. At the end of 2012, in the Acquisition Program for the year 2013 was included acquisition „<i>Automatic system of isokinetic sampling of emissions for dust and gas dispersion stacks</i>” (design, execution, assembling and | <p>FCN will continue the actions in 2015 with the purpose of finishing the acquisition.</p> | <p>In progress.</p> <p>SNN SA FCN Pitesti - responsible part.</p> |

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|--|---|--|---|--|--|
| | | | <p>commissioning) - 3 pieces.</p> <p>2. In the year 2013 we had nobidder for this acquisition.</p> <p>3. The acquisition was postponed for 2014.</p> <p>4. In 2014 TEHNOINSTRUMENT IMPEX company of Ploiesti Prahova County appeared interested.</p> <p>5. Being a complex automated system, more information exchanges were necessary and due to the high price of bidder estimated and technical issues, the acquisition was postponed for 2015 with the new estimated value/price.</p> | | |
| 7.4.5. | <i>The verification team recommends covering the open sedimentation basins with a lid.</i> | | Sedimentation basins were covered by lids during the function period of the centrifugation installation for radioactive slurries. The basins are opened during interventions only. | Continue operation under normal conditions of centrifugation installation with covered basins. | REALISED |
| National Agency for Environmental Protection (APM Alba) | | | | | |
| SSRM at LEPA Alba Iulia | | | | | |
| 9.2.1.3. | <i>The verification team suggests improving the installation of the 'new' gamma dose rate probes to avoid any shielding effects, e.g. by the solar panel.</i> | | APM Alba will analyse the possible technical solutions together with the service company in order to implement the recommendation. | The measure is under the analysis for implementation. | Estimated term 25.12.2015. APM Alba responsible part. |
| 9.3.2.1. | <i>The team encourages the installation of a common LIMS for NEPA and the LEPAs. With regard to the occurrence of electric power problems the verification team suggests installing a suitable Uninterruptible Power Supply (UPS) device in order to guarantee power for the most</i> | | <p>LIMS is already in use since October 2014, where all automatic gamma dose rate stations are reported to EURDEP website using this application. The laboratory section from LIMS will be in use at the beginning of 2015, after some communications equipment are installed.</p> <p>APM will follow, in the limit of the available budgetary allocated funds, to purchase an electric generator or a</p> | <p>The measure is under implementation.</p> <p>The measure is under the analysis for implementation.</p> | <p>28.02.2015</p> <p>31.12.2015 APM Alba responsible part.</p> |

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|-----------------------------|-----------------|--|---|---|-----------------|
| | | <i>important equipment .</i> | suitable Uninterruptible Power Supply (UPS) device. | | |
| SSRM at REPA Pitesti | | | | | |
| | 9.2.1.4. | <i>The verification team remarks that timely cutting of the trees should be considered in order to avoid distorting effects for the measurement.</i> | The tree was cutted in order to avoid distorting effects for the measurement. | The trees will be cutted from time to time. | REALISED |
| | 9.3.2.2 | <i>The team encourages the installation of the new LIMS system.</i> | LIMS is already in use since October 2014, where all automatic gamma dose rate stations are reported to EURDEP website using this application. The laboratory section from LIMS will be in use at the beginning of 2015, after some communications equipment are installed. | The measure is under implementation. | 28.02.2015 |