



REPUBLIC OF CROATIA
MINISTRY OF THE INTERIOR THEREOF
 CIVIL PROTECTION DIRECTORATE

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AND ECHEANCE:

CLASS: 542-02/20-22/5 REF.
 NO: 511-01-327-22-11
 Zagreb, 24 October 2022

SS and 001

and JGA



Directorate-General for Energy of the European Commission
Ditte Juul Jorgensen, Director-General
 1049 Brussels/Brussel
 Belgium

SUBJECT: Complement the Report on the implementation of the verification recommendations pursuant to Article 35. Euratom Treaty in Croatia – to be provided

Dear,

concerning the verification under Article 35. Euratom Treaty implemented in Croatia from 1 to 3 October 2019 in Zagreb by DG ENER of the European Commission's investigators team (Mr Vesa Tanner and Ms. Mihaela Mihaila) we hereby provide you with an addendum to the report on the implementation of the recommendations resulting from the above review.

The results of the verification were provided in the form of Main conclusions pursuant to Article 35. HR 19-05 (Ref.Ares(2020)531420-28/01/2020) and Article 35 Technical Report HR 19-05 (Ref.Ares(2020)531420 – 28/01/2020). The first report on the follow-up to the recommendations was sent on 30 December 2021 (CLASS: 542-02/20-22/5, REF. NO: 511-01-327-21-8) and we have received additional comments on the submitted submission by your letter (Ref.Ares(2022)1415033 – 24/02/2022).

As regards point 6.2.2 of the Technical Report, which concerned the recommendation for the Laboratory for Radioecology (LRE), the Ruđer Bošković Institute (IRB) and the need to maintain long-term graphics of the trends in the gammaspectrometric system maintenance parameters (resolution and energy stability), we would like to inform you of the activities carried out:

In its observations to the Civil Protection Directorate of the Ministry of the Interior, LRE has the following number: 01-6135/6-2021 Ju of 26 September 2022 stated that he had fully implemented the requirement to set up and maintain long-term trends in the gammaspectrometry system. Control maps to monitor energy stability and changes to the resolution of gammaspectric systems in graphical and tabular form were established and

annexed to their letter provided an example of a single system control map in the LRE.

Recommendations related to point 6.4. The technical reports referred to the Institute for Medical Research and Occupational Health (IMI) and include several recommendations and we report on each of them as follows:

Recommendation related to point 6.4.3 of the Technical Report concerns the procurement of an additional system for monitoring the radioactive iodine isotopes in the event of an emergency. In this respect, the Ministry of the RCZ received a notification from the LAEA of the procurement request for project RER7014 (Purchase order no. 202208633-MJD of 20 October 2022) which includes the automatic air sampling device and the installation and training of IMI staff. **The recommendation related to point 6.4.4 will also be met through the procurement of this system. A technical report** relating to the renewal of two medium volume air sampling systems, where particular attention shall be paid to the accuracy of the total air flow measurement and to ensuring the continuity of the power supply.

Concerning point 6.4.3 A technical report also addressing the recommendation to formalise and develop documented procedures for the handling of mobile monitoring equipment in the event of an emergency as well as procedures for staff training, exercises and emergency preparedness between IMI and the Ministry of the Interior, and we would inform you of the activities carried out:

The exchange of information between the RCZ of the Ministry of Internal Affairs and the IMI mobile laboratory team in the event of a radiological or nuclear emergency is set out in the document 'Protocol on the method of communication between the Civil Protection Directorate and the team of the mobile laboratory of the Institute for Medical Research and Occupational Health' drawn up by the RCZ of the MoI. The above-mentioned document was formally adopted on 1 August 2022 (Class: 240-03/22-01/10, REF. NO: 511-01-311-22-5). In this respect, IMI in its letter (CLASS: 07-74/22-01/1, REF. NOTE: 100-01/22-2 of 20 October 2022), states that procedures have been put in place to handle devices that can be used in the event of an emergency for IMI staff, and that additional training has been provided to staff through Interreg project ENRAS – Safety assurance of emergency troops in the event of a nuclear or radiological accident. In addition, as part of the training, all new IMI staff who may participate in emergency response are provided for a 3-month mentoring period. During this period, staff shall be trained on handling and shall acquire knowledge of the methods and instruments they will use in their further work. The same is required by the accreditation documentation and training on procedures, methods and instruments is an integral part of this mentoring.

Respectful,

PROVIDE:

1. Title
2. Pismoheat, here

