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2018-12-19

No. (4.9)-A4-9128

**THE INFORMATION ON IMPLEMENTATION OF RECOMMENDATIONS
PRESENTED IN TECHNICAL REPORT ON VERIFICATION ACTIVITIES UNDER THE
TERMS OF ARTICLE 35 OF EURATOM TREATY**

We would like to send the information on implementation of recommendations in 2018 after European Commission verification in the frame of Euratom Treaty article 35, which took place in Lithuania in 29 November – 1 December 2016.

ENCLOSED: The information on implementation of recommendations in 2018, presented in Technical Report on Verification under the terms of Article 35 of Euratom Treaty, 3 pages.

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Lithuania Celebrates 100

Table 1. Implementation of recommendations presented in Technical Report on Verification under the terms of Article 35 of Euratom Treaty

Year: 2018

No	No of Recommendation	Recommendation	Correction action	Date of fulfilment	Responsible institution
1	Main Findings 3 a Technical Report 7.2.1	Concerning the emergency monitoring arrangements at the Environment Protection Agency (EPA) (Section 7.2.1 of the TR) the verification team recommends that the EPA organises a continuous emergency on-call service capable of responding to a possible radiological emergency within an hour of the first alert. The team further recommends increasing the number of trained staff for the monitoring network maintenance.	<p>Planned: The increase of network of automatic network is performed and will be performed in 2018. During the implementation of the project it will be possibility to organise training of additional staff from EPA. Moreover, structural changes of EPA are planned in 2018, during these changes attention will be paid for insuring availability of necessary human resources for responding to a possible radiological emergency within an hour of the first alert. Special procedure for organising of work inside EPA (management, responsibility, duties) during emergency situation will be prepared.</p> <p>Done: The new 13 automatic network stations were installed in the year 2018. Now network consist of 43 automatic gamma does rate and spectra stations, 1 mobile station and 3 water measurement stations. To keep network running in 2018 was announced tendering for the monitoring network maintenance. The service contract should be sign till the end of the year. The monitoring network staff increased from 2 to 3 persons: 2 responsible for the QA/QC of the measurements and 1 person for the data base and modelling. During the installation of the new stations training for the new staff from EPA was organised. Moreover, structural changes of EPA which are planned in 2018 still going on. Attention will be paid for insuring availability of necessary human resources for responding to a possible radiological emergency within an hour of the first alert and preparation of the special procedures for organising of work inside EPA (management, responsibility, duties) during emergency situation. The drafts of the description of the Procedure of the activities of the administrative departments of the Ministry of Environment and subordinate institutions to the Ministry in the event of accidents and emergencies and the Emergency Management Plan of the Ministry of the Environment was prepared.</p>	2018 partly implemented	EPA
1	Main Findings 3 b Technical report 7.5.1.	Concerning the EPA radioanalytical laboratory (Section	<p>Planned: Structural changes of EPA are planned in 2018, during these changes attention will be paid for insuring availability of necessary human resources to address the</p>	2018 partly implemented	EPA

No	No of Recommendation	Recommendation	Correction action	Date of fulfilment	Responsible institution
		7.5.1 of the IR), the verification team recommends a review of resources and staff allocations to address the increased monitoring needs in a radiological emergency situation.	increased monitoring needs in a radiological emergency situation. Special procedure for organising of work inside EPA (management, responsibility, duties) during emergency situation will be prepared. Done: On 1 st of June 2018, structural reorganization inside EPA was performed. During those changes radiological laboratory was incorporated in to the early warning network division and availability of necessary human resources increased by 3 persons. Structural changes of EPA still going on. Attention will be paid for insuring availability of necessary human resources for responding to a possible radiological emergency within an hour of the first alert and preparation of the special procedures for organising of work inside EPA (management, responsibility, duties) during emergency situation. The drafts of the description of the Procedure of the activities of the administrative departments of the Ministry of Environment and subordinate institutions to the Ministry in the event of accidents and emergencies and the Emergency Management Plan of the Ministry of the Environment was prepared.		
2	Technical Report 7.2.3	The verification team suggests removing the trees in the vicinity of the station. (Buivydziai)	Planned: Trees cannot be cut in the area. However, separate branches of overhanging trees are planned to be cut. Done: Due to environment protection restriction trees in the station area cannot be removed. However, separate branches of overhanging trees are catted off and situation to have representative measurements is sufficient.	2018 implemented	EPA
3	Technical Report 7.4.1.	The verification team suggests that the EPA consider installing an automatic continuous river water sampling system in Buivydziai when the Belarusian NPP becomes operational.	Planned: Increasing of sampling frequency in Neris river near Buivydziai is planned from 2018. These changes will be done in new National Monitoring Programme 2018-2023. From the experience it is known what high amount of suspended particles in the river water can cause problems with automatic sampling. Done: In the new National Monitoring Programme 2018-2023 the sampling frequency in Neris river near Buivydziai was increased. Decision was taken to use automatic gamma does rate and spectra water station vice automatic water sampling system. From the experience it is known that high number of	2018 partly implemented	EPA

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			suspended particles in the river water and big changes of the river water level during the year cause big problems for automatic sampling. In case of emergency river water for the laboratory measurements will be taken manually.		
4	Technical Report 7.5.2.	The verification team recommends that the NFVRAI laboratory draft an emergency plan outlining how it would cope with an increased number of samples in the event of a radiological emergency.	<p>Planned: In Government Resolution No 99 (2012) on the State Public Protection Plan in case of a nuclear accident it is foreseen what in emergency case samples will be distributed among all operated laboratories in the country, including scientific institutions, which on regular basis do not participate in the environmental monitoring. What concerns NFVRAI, special room for keeping of samples in emergency situations is allocated. Samples will be provided to laboratory one by one, for keeping low background and avoiding of contamination in laboratory. The procedure on registration and managing of samples will be reviewed for taking to account increased amount of samples.</p> <p>Done: According government Resolution No 1085 (2018) on the State Public Protection Plan (editorial office of the Resolution No 99 (2012)), in case of a nuclear accident if SFVS failed, the cooperation radiology laboratories to carry radiology control is foreseen with:</p> <ol style="list-style-type: none"> 1. Lithuanian Environmental Protection Agency's radiological research laboratory (address-Rudnios str. 6, LT-01108 Vilnius) 2. Radiation Protection Center (address-Kalvarijų str. 153, LT-08221 Vilnius) 3. Nature Research Centre radiological research laboratory (address-Akademijos str. 2, Vilnius) <p>These laboratories will submit results of analysis of the samples to NFVRAI. A separate room in NFVRAI was allocated for the initial reception of radioactive samples to avoid the cross contamination of the laboratory. The individual samples from this room will be transferred to the radiological laboratory.</p>	2018 implemented	SFVS NFVRAI

Abbreviations:

EPA – Environmental Protection Agency

SFVS – State Food and Veterinary Service

NFVRAI - National Food and Veterinary Risk Assessment Institute