

Table A_0: Roles of persons under the NMP

Role	Characteristics
Person	Persons referred to in Section 149(2)a) of the Atomic Act
Entity	Persons working within the department of the persons referred to in the Atomic Act
Licence holder	Persons referred to in Section 149(2)b) and Section 150 of the Atomic Act
Measurement laboratory	Persons whose responsibilities are referred to in Section 10 of Decree No. 360/2016 Coll.
Data supplier	All persons who have the obligation to transmit data to the Data Centre of the Office
Contracting partner	Persons or entities with whom the SÚJB has signed contracts for radiation situation monitoring activities
Sampler	Person conducting the sampling of the environment or food chain
Operator (for measuring site or sampling site)	Person responsible for the operation of the monitoring site or on whose land or territory, the monitoring site is situated
Mobile group	Persons carrying out surface monitoring along the route
Air group	Persons carrying out aerial monitoring along the route
Organiser	Person preparing, carrying out and evaluating certain activities of other persons (e.g. emergency exercises, comparative measurements)
Another person	Person who may be involved in the monitoring in accordance with Section 15 of Decree No. 360/2016 Coll.
Responsible person	Specific employee responsible for the activity
Function	Job position of the responsible person
Contact person	Specific employee assigned to solve certain issues (e.g. contractual)
Service organisation	Persons providing certain services (e.g. In the context of servicing of the devices)

Table A_1: List of persons involved in radiation situation monitoring on the territory of the Czech Republic under the NMP

Person	Entity (abbreviation of the name)	Function of the responsible person	Involved in the operation of the network	Activity provided by	Notes	Contracting partner
SÚJB	<u>Regional centres (RC):</u> RC Brno (RC BM) RC České Budějovice (RC CB) RC Hradec Králové (RC HK) RC Kamenná (RC KA) RC Ostrava (RC OV) RC Plzeň (RC PM) RC Praha (RC AB) RC Ústí nad Labem (RC UL)	Head of RC	Early Warning Network	Automatic device	Device located within the RC, calibration and maintenance carried out by the service organisation	No
			Network of monitoring routes	Mobile group	TLD distribution, emergency exercise, drill held once a month	
			Network of instantaneous measurement	Mobile group	Drill held once a month	
			Network of spectrometry measurement	Mobile group	Drill held once a month	
			Network of environmental sampling	Mobile group	Sampling in cooperation with the staff of the branch office of the National Radiation Protection Institute in the region; in the context of drills and emergency exercises as instructed by the organiser	
			Network of food chain sampling	Mobile group		
			Network of human body measurement	RC	Only urine collections in cooperation with the staff of the branch office of the National Radiation Protection Institute in the region	
SÚJB	<u>National Radiation Protection Institute:</u> - National Radiation Protection Institute Prague (AB) - Branch in České Budějovice (CB) - Branch in Hradec Králové (HK)	Head of Dosimetry Division	Network of integral measurement	Dosimetry Division	TLD evaluation	No (Deed of Foundation, as amended)
		Head of Internal Contamination Division	Network of human body measurement	Internal Contamination Division	Measurement laboratory; whole-body gamma measurement, sampling in cooperation with RC	
		Head of Early Warning Network and Analytical Expert Group Division	Early Warning Network	Early Warning Network and Analytical Expert	Automatic unattended device; the Contact Point of the National Radiation Protection Institute monitors the exceeding of the	

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	- Branch in Ostrava (OV)			Group Division	monitoring level and data dropout under the 24/7 scheme	
		Head of Emergency Preparedness Department	Network of monitoring routes	Mobile group	Drill held once a month (including TLD distribution – quarterly)	
				Air group	Drill held twice a year	
			Network of instantaneous measurement	Mobile group	Drill held once a month	
		Head of Monitoring Department	Network of spectrometry measurement	Mobile group	Drill held once a month	
			Network of environmental sampling	Department of Monitoring	Measurement laboratory; gamma-ray spectrometry, radiochemistry; mobile groups and regional centres may be involved in sampling	
Network of food chain sampling	Department of Monitoring					
Ministry of the Environment	T. G. Masaryk Water Research Institute	Head of Radioecology Division	Network of environmental sampling	Radioecology Division	Sampling by Povodí, s.p.; measurement laboratory; gamma-ray spectrometry, liquid scintillation spectrometry, radiochemistry	Yes
			Network of food chain sampling			
	Czech Hydrometeorological Institute	Head of Security and Crisis Management Division	Early Warning Network	Automatic device	Device located in attended weather stations, AIM ¹⁾ , SOO ²⁾ ; Data transmission, meteorological data ³⁾	Yes
			Network of instantaneous measurement	Attended meteorological stations	Only beyond emergency exposure situation	

¹⁾ AIM – unattended stations (automatic immission monitoring); Air Quality Protection Section.

²⁾ SOO – solar and ozone observatory in Hradec Králové; Meteorology and Climatology Section.

³⁾ 27 measuring sites for current weather in the hour from attended weather stations, other meteorological data under contract for the needs of ESTE and beyond emergency exposure situation propagation – trajectory; Meteorology and Climatology Section, Section for Numerical Weather Prediction.

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			Network of environmental sampling	Meteorological stations Cheb and Holešov	Only sampling in 2 sampling sites, sending samples to the National Radiation Protection Institute	
Ministry of Agriculture	State Veterinary Institute	Head of Chemistry Division	Network of food chain sampling	Chemistry Division	Measurement laboratory; sampling and gamma-ray spectrometry measurements of the samples taken by the State Veterinary Institute and the samples received from the Central Institute for Supervising and Testing in Agriculture, the Forestry and Game Management Research Institute, and the Agricultural and Food Inspection Authority	Yes
	Central Institute for Supervising and Testing in Agriculture	Director for Supervising Inputs in Agriculture (KZV) Department	Network of food chain sampling	Individual KZV Divisions	Sampling of feedingstuffs, preparation of samples and handover to the State Veterinary Institute for measurement	Yes
	Forestry and Game Management Research Institute	Head (Deputy Head) of Forest Ecology Department	Network of food chain sampling	Forest Ecology Department	Sampling of mushrooms and berries, drying, handover to the State Veterinary Institute for measurement	Yes
Agricultural and Food Inspection Authority		Director for Inspection, Laboratories and Certification Department	Network of food chain sampling	Individual inspectorates	Sampling of food, handover to the State Veterinary Institute for measurement	Yes
Customs Authorities of the Czech Republic	<u>Customs offices (CÚ):</u> CÚ Brno, České Budějovice, Hradec Králové, Olomouc, Ostrava, Plzeň, Prague, Ústí nad Labem		Network of monitoring routes	Mobile groups within customs offices	Drill held once a month	Yes
Police of the Czech Republic			Network of monitoring routes	Mobile group of the Police of the Czech Republic	Drill held once a month	Yes
				Air group of the Police of the Czech Republic	Contract for the use of helicopter of the Police of the Czech Republic for the air	Yes

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				Republic	group within the National Radiation Protection Institute	
Fire Rescue Service of the Czech Republic			Early Warning Network	Workplaces of the Fire Rescue Service of the Czech Republic	7 measuring sites, automatic unattended device	Yes
			Network of monitoring routes	Mobile groups of the Fire Rescue Service of the Czech Republic	Drill held once a month; detached from the chemical laboratories of the Fire Rescue Service of the Czech Republic	
			Network of instantaneous measurement	Mobile groups of the Fire Rescue Service of the Czech Republic	Mobile groups detached from the chemical laboratories of the Fire Rescue Service of the Czech Republic; drills in a planned exposure situation; the activity is mainly conducted in an emergency exposure situation as instructed by the SÚJB; environmental and food chain samples taken by the mobile groups of the Fire Rescue Service of the Czech Republic are handed over to a designated laboratory as instructed by the SÚJB;	
			Network of spectrometry measurement			
			Network of environmental sampling			
Network of food chain sampling						
Ministry of Defence	Armed Forces of the Czech Republic		Early Warning Network	Army Radiation Monitoring Network	16 measuring sites	Yes
			Network of monitoring routes	Mobile group of the Armed Forces of the Czech Republic	Drill held once a month	
				Air group	Twice a year in conjunction with the National Radiation Protection Institute	
DIAMO	<u>Branches:</u> Správa uranových ložisek	Director of the branch	Network of environmental	The appropriate laboratory of the	Measurement of natural radionuclides – in discharges and in the environment	No

Person	Entity (abbreviation of the name)	Function of the responsible person	Involved in the operation of the network	Activity provided by	Notes	Contracting partner
	(SUL) in Příbram Těžba a úprava uranu (TÚU) in Stráž pod Ralskem GEAM in Dolní Rožínka		sampling, network of integral measurement	branch or contracted measurement laboratory		