

**REGULATION OF THE COUNCIL OF MINISTERS**  
**of 18 January 2005**  
**on the emergency planning for radiological emergency<sup>1)</sup>**

On the basis of Article 87 paragraphs 1 and 2 of the Act of Parliament of 29 November 2000 - Atomic Law (Polish O.J. of 2004 No 161, Item 1689 and No 173 Item 1808) the following regulation is adopted:

**§ 1.**

Regulation shall establish:

- 1) national emergency plan, including the procedures for cooperation of the bodies and services participating in the elimination of radiological emergencies and their consequences;
- 2) sample on-site emergency plan;
- 3) sample regional emergency plan.

**§ 2.**

1. President of the National Atomic Energy Agency, hereafter referred to as “The Agency’s President”, shall:

- 1) identify the radiological emergency which results in public emergency on national scale, hereafter referred to as “the emergency”, verifying obtained information concerning the emergency;
- 2) establish anticipated emergency scenario;
- 3) assess potential emergency size and scope of impact, including the perspective of the necessity of undertaking intervention measures referred to in Article 90 of the Act of Parliament of 29 November 2000 – Atomic Law, hereafter referred to as “the Act”;
- 4) convey the information on the emergency to the Minister competent for home affairs, updating it according to the emergency development.

2. Information referred to in paragraph 1(4) shall include the following data

- 1) source of information on the emergency and the method of verifying this information;
- 2) development of the emergency to date, including the data concerning injured individuals and material losses;

- 3) anticipated further emergency development;
- 4) assessment of the potential emergency size and scope of impact, including the perspective of the necessity of undertaking intervention measures referred to in Article 90 of the Act;
- 5) measures undertaken to date by the head of the organizational entity on which site the emergency has occurred, by appropriate regional governors and by the Agency's President;
- 6) measures proposed for the elimination of the threat and emergency consequences.

### § 3.

1. The Agency's President shall establish:

- 1) for the stations for early detection of radioactive contamination – the frequency of transmission of radioactive contamination measurement results to the National Atomic Energy Agency's Center for Radiological Emergencies;
- 2) for the entities conducting radioactive contamination measurements – sampling locations and frequency, and the frequency of transmission of the results of radioactive isotope content in these samples to the Agency's President, and for specialized entities – also the scope of measurements.

2. The Agency's President shall perform a running analysis of the course of emergency and shall assess its impact for the purpose of verification, updating and transmission of the data referred to in § 2(2).

### § 4.

1. The Agency's President shall perform a preliminary assessment of the emergency and shall notify of the emergency the International Atomic Energy Agency and the states that may be affected by the emergency's consequences, and shall update the notification when the emergency assessment is modified.

2. The Agency's President shall notify of the emergency and of the intention to implement the measures to mitigate the population's exposure the European Commission and the European Union Member States which may be affected by the impact of these measures. Notification shall include the information on the grounds for the measures' implementation and the data relevant for minimization of anticipated radiological consequences of the emergency for these states. Notification shall be updated according to the situation development.

3. In the notification referred to in paragraph 2 the Agency's President shall include the content of the information relayed to the population under § 5(2).

4. On the request by the European Commission, The Agency's President shall notify this body of the content of the information conveyed to the individuals participating in the elimination of radiological threat and to the individuals participating in intervention measures referred to in Article 20(4) of the Act.

## § 5.

1. For the population, which may be affected by the radiological emergency consequences, the Agency's President, in cooperation with the Minister competent for home affairs, shall develop information on the emergency and on possible actions, which may be undertaken to eliminate the threat.

2. For the population, which as the result of radiological emergency may receive ionizing radiation dose exceeding the dose limit for the members of general public, the Agency's President in cooperation with the Minister competent for home affairs shall develop the information, that contains as needed:

1) data on the emergency type, and – if possible – also the emergency location and time of occurrence, and also description and current and anticipated course of the emergency, determining the size and scope of its actual and anticipated consequences;

2) indication of the population's actions or modes of conduct, which – depending on the emergency type – may include recommended limitations on the consumption of some foods, simple rules for hygiene and decontamination of people, recommendations concerning sheltering, information on the distribution of stable iodine products, organizational arrangements for evacuation;

3) warning of the possibility of implementation of intervention measures referred to in Article 90 of the Act;

4) indication of the bodies and services conducting the action aimed at the elimination of the threat and emergency consequences;

5) if time permits – basic data on ionizing radiation and the impact of its interaction with humans and environment;

6) call for listening to the radio and TV broadcast;

7) directions concerning:

a) course of action for people responsible for kindergartens, schools, hospitals, welfare homes, hotels, penal institutions and other entities, occupied by larger groups of people;

b) course of action for professional groups, which may play a helpful role in the event of radiological emergency.

## § 6.

Minister competent for home affairs shall communicate to the public the information referred to in § 5, immediately after its development, by publication in the mass media on the area for which the information is intended.

## § 7.

1. Minister competent for home affairs, while directing the action aimed at the elimination of the threat and emergency consequences, including intervention measures, shall:

- 1) improve or restrict the movement of people and goods on the territories affected by the emergency consequences – in cooperation with the Minister competent for transport issues;
- 2) implement the functioning mode of organizational entities of health protection system appropriate for the emergency scenario – in cooperation with the Minister competent for health issues;
- 3) coordinate the use of military units and sub-units, made accessible by the Minister of National Defense – in cooperation with this Minister;
- 4) ensure the communication between the bodies and services participating in the elimination of the threat and emergency consequences – in cooperation with the Minister competent for communication issues.

2. In situation where the intervention levels may possibly be exceeded, the Minister competent for home affairs shall undertake the actions, which after the implementation of intervention levels referred to in Article 90 of the Act, shall:

- 1) in the event of evacuation, temporary or permanent resettlement of the population – secure the property left behind and for the people evacuated or resettled secure:
  - a) places of residence,
  - b) transport,
  - c) conditions for return to permanent residence locations subsequent to the revocation of the evacuation and temporary resettlement,
- 2) in the event of obligatory sheltering – provide the people with necessary supplies of food and drinking water intended for human consumption, and also medical assistance;

- 3) in the event of stable iodine administration – ensure the distribution of these products;
- 4) in the event of ban or restrictions on the consumption of contaminated food and water intended for human consumption – ensure withdrawal from sale and disposal of contaminated food, closure of intake points of water intended for human consumption, free of charge distribution of uncontaminated water intended for human consumption and introduction of uncontaminated foods to sales;
- 5) in the event of ban or restrictions on feeding the contaminated feed and water to the animals and on animal grazing on contaminated pastures – make available uncontaminated feeds and water for animals, and ensure supervision over the ban of animal grazing on contaminated pastures.

3. Depending on the emergency scenario and radiological situation development, Minister competent for home affairs, after consulting the Agency's President, shall notify regional governors, appropriate for contaminated areas, of the measures necessary for the elimination of the threat and emergency consequences.

#### **§ 8.**

1. The Agency's President shall consult with the Minister competent for home affairs and the Minister competent for foreign affairs on the need and content of the request for assistance in the elimination of the threat and emergency consequences, and subsequently shall convey the agreed-upon request, through the contact point, to the International Atomic Energy Agency, European Commission and contact points of other states and international organizations.

2. The Agency's President shall inform the Minister competent for home affairs and the Minister competent for foreign affairs of the acceptance of the request for assistance in the elimination of the threat or emergency consequences, submitted through the national contact point by the International Atomic Energy Agency, European Commission and contact points of other states and international organizations.

#### **§ 9.**

Minister competent for home affairs, in cooperation with the Agency's President, shall verify the effectiveness of undertaken measures, necessary for the elimination of the threat and emergency consequences.

#### **§ 10.**

Minister competent for home affairs, Minister competent for transport issues, Minister competent for health issues, Minister competent for foreign affairs, Minister competent for communication issues, Minister of National Defense and the Agency's President, while performing the tasks resulting from the national emergency plan requiring their cooperation, shall promptly exchange the information and outlooks, which are necessary for effective implementation of the measures imperative for the elimination of the threat and emergency consequences.

**§ 11.**

Sample on-site emergency plan is hereby established and enclosed as Annex I to this regulation.

**§ 12.**

Sample regional emergency plan is hereby established and enclosed as Annex II to this regulation

**§ 13.**

Regulation of the Council of Ministers of 23 December 2002 on emergency planning for radiological emergencies (Polish O.J. No 239 Item 2033) is hereby repealed.

**§ 14.**

This regulation shall enter into force after 14 days from its publication.

**SAMPLE**

**ON-SITE EMERGENCY PLAN**

**1. Basic data:**

1) organizational entity (name, address, phone number, fax number):

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2) head of the organizational entity (first name, last name, phone number, fax number, e-mail address):

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.....;

3) type of the activity involving exposure and number of the licence for the conduct of this activity, with the indication of organizational outfit directly engaged in this activity:

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.....;

4) organizational unit's radiological protection inspector (first name, last name, number and type of the authorization for radiological protection inspector, phone number, fax number, e-mail address):

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.....;

5) phone and fax numbers of:

a) Center for Radiological Emergencies of the National Atomic Energy Agency

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...

b) regional (state) sanitary inspector.....,

c) licensing body if other than the President of National Atomic Energy Agency or regional (state) sanitary inspector

.....,

d) nearest State Fire Service brigade

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.....,

e) nearest first-aid station

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.....,

f) nearest Police station

.....,

g) county (municipal) command post for State Fire Service

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.....,

h) regional coordination post for State Fire Service rescue actions\*)

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.....,

i) Emergency Management Department in the Regional Administration Office / Regional Emergency Management Center

.....,

j) regional inspector of environmental protection.....,

k) other (recognized as relevant by the head of the organizational entity)

.....;

6) organizational entity site plan, including:

- a) locations of the radiological threat sources,
- b) evacuation paths and employees' rallying points <sup>\*)</sup>,
- c) employees' decontamination sites <sup>\*)</sup>,
- d) storage locations of the equipment for the emergency elimination (emergency equipment)<sup>\*)</sup>,

7) concise description of potential emergency situations, including fire and emergency procedures for routine technological processes, depending on the type of activity in exposure conditions <sup>[1]</sup>.

**2. Actions of the employee detecting the occurrence of radiological emergency:**

1) immediate notification of the:

a) head of the organizational entity:

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.....,

*(name and phone number, as in 1(2))*

b) radiological protection inspector

.....

.....,

*(name and phone number, as in 1(4))*

In the notification include the following:

- first name, last name and the position or function of the individual detecting the radiological emergency,
- number of the phone used by the notifying person,
- precise location of the emergency site,
- short description of the emergency.

**3. Actions of the head of organizational unit:**

1) if necessary, immediate notification of the:

a) State Fire Service: tel. 998 or .....,

*(phone number as in 1(5)(d))*

b) first-aid rescue service: tel. 999 or

.....,

*(phone number as in 1(5)(e))*

c) Police: tel. 997 or

.....

*(phone number as in 1(5)(f))*

or above services using alarm phone number 112,

d) Emergency Management Department in the Regional Administration Office / Regional  
Emergency Management Center.....;

*(phone number as in 1(5)(i))*

e) regional environmental protection  
inspector.....;

*(phone number as in 1(5)(j))*

2) organization of first-aid for injured people;

3) securing the emergency site with the purpose to:

a) prevent the outsiders from staying on the emergency site,

b) prevent the spread of radioactive contamination \*);

4) precise specification of the emergency location (facility or installation; in the case of isotope laboratory, radioactive sources or waste shipment or field work with radioactive sources – also the type and activity of radioactive material) and preliminary assessment of the type and activity of radioactive material released to the environment;

5) establishment of an area surrounding the emergency site, which covers the terrain where any impermanent (removable) radioactive contamination may occur or where the ionizing radiation dose rate exceeds the level of 100 microsievert per hour (emergency area)\*);

6) determination of the personal data of people injured in the emergency, and preliminary assessment of the extent of radioactive contamination, including contamination of individuals;

7) removal from emergency area of people injured and other, not participating in the emergency actions, designation of the area borders and preventing the access to this area by outsiders\*), and if such actions are beyond the organizational entity capabilities – request for the assistance of the services of appropriate regional governor;

8) notification of the President of National Atomic Energy Agency and of the licensing body, when other than the President of National Atomic Energy Agency

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*(phone numbers as in 1(5)(a and b or c))*

confirmed in writing within 3 hours from obtaining the information on the emergency, send by fax to the fax number:

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*(fax numbers as in 1(5)(a and b or c))*

In the notification include the following:

- a) organizational entity data (in accordance with 1(1-4)),
- b) description of the emergency development, including the type of facility or installation (in the case of isotope laboratory, radioactive sources or waste shipment or field work with radioactive sources – also the type and activity of radioactive material involved in the emergency), precise determination of the emergency location, preliminary assessment of the type and activity of radioactive material which penetrated into the environment, personal data of those injured in the emergency and preliminary assessment of the extent of radioactive contamination, including the contamination of people,
- c) information on actions undertaken to secure the emergency site
- d) anticipated further emergency scenario;

9) further actions in accordance with emergency procedures referred to in 1(7) or in agreement with the President of National Atomic Energy Agency;

10) notification of the Emergency Management Department in the Regional Administration Office / Regional Emergency Management Center

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.....,

*(phone number as in 1(5)(i))*

including the content and extent of the emergency information, which should be communicated to the local community if the emergency scenario may lead to a threat with impact reaching beyond the organizational entity’s site (also in the event of emergency occurring during the off-site transport of nuclear materials or radioactive sources and waste) or in the event when public threat already has occurred;

11) maintenance of the contact with the President of National Atomic Energy Agency thorough the whole emergency development, up to the recall of emergency procedures, for the purpose of:

- a) conveying current information on the situation development and transmitting to the President of National Atomic Energy Agency the data needed for the threat assessments and forecasts,
  - b) making use of the recommendations passed on by the experts indicated by the President of the National Atomic Energy Agency;
- 12) if necessary, requesting the assistance related to the dosimetric measurements of the experts directed to the emergency site by the President of the National Atomic Energy Agency (dosimetric teams), and if the President of National Atomic Energy Agency sees no need to send a dosimetric team to the emergency site – requesting the assistance of appropriate regional (state) sanitary inspector in performing dosimetric measurements;
- 13) in cooperation with the President of the National Atomic Energy Agency – verification of the effectiveness of necessary measures undertaken for the elimination of the threat and emergency consequences;
- 14) preparing and forwarding to the President of National Atomic Energy Agency and to the licensing body, if other than the President of National Atomic Energy Agency, after completing the activities aimed at the elimination of the emergency consequences and after the threat has been removed, the information which contains:
- a) description of the emergency development, including its causes,
  - b) general assessment of the threat resulting from the emergency,
  - c) description of the actions undertaken to eliminate the threat and the emergency consequences,
  - d) list of injured people, establishing the type of injuries and preliminary assessment of the received doses and contamination of these individuals,
  - e) assessment of the contamination of working areas in the workplace and of the environment \*),
  - f) list of used measurement methods, and also of dosimetric equipment, individual protection equipment and equipment used to eliminate the emergency consequences,
  - g) description of the procedures applied to remove the contamination of premises, terrain and for the decontamination of people \*),
  - h) report from the dosimetric inspection of the entity, performed after the emergency consequences have been eliminated.

#### **4. Periodic exercises:**

Periodic exercises involving the review and updating of the emergency plan for radiological emergency shall be held with the frequency..... (at least once in every two years).

.....  
(signature of the head of organizational entity)

\*) not applicable for radiological emergencies involving X-ray equipment and accelerators.

SAMPLE

EMERGENCY PLAN FOR THE REGION .....

**1. Basic data:**

1) regional governor (first name, last name, address, phone number, fax number, e-mail address)

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.....;

2) Emergency Management Department in the Regional Administration Office / Regional  
Emergency Management Center (address and phone number, fax number)

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.....;

3) services cooperating in emergency management activities (phone and fax numbers):

a) regional coordination post for State Fire Service rescue activities

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.....,

b) Regional State Fire Service Command Post.....,

- c) first-aid rescue service
- .....,
- d) Regional Police Command Post
- .....,
- e) regional sanitary inspector .....,
- f) regional environmental protection inspector
- .....,
- g) Border Guard detachment (for border regions)
- .....,
- h) President of National Atomic Energy Agency.....,
- i) National Coordination Center for Rescue and Protection of Population.....,
- j) other (recognized as relevant by the regional governor)
- .....;

4) list of all category I\*) organizational entities located on the territory of the region and conducting practices involving nuclear materials or radioactive sources, submitted by the President of National Atomic Energy Agency and containing the data established in the annex to this plan;

5) procedures for notifying the population (in accordance with paragraph 3(4))

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**2. Actions of the representative of a service, inspection or guard subordinated to the regional governor, who obtained the information on the occurrence of a radiological emergency, which may result in a public threat on this region territory:**

1) specification of the source of information<sup>[2]</sup>:

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.....

2) prompt notification of:

a) regional

governor:.....,

*(phone number, as in 1(1))*

b) President of National Atomic Energy Agency (if the information does not come from him)

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.....,

*(phone number, as in 1(3)(h))*

**and, if necessary, prompt notification of:**

c) Regional                      State                      Fire                      Service                      Command

Post:.....,

*(phone number as in 1(3)(b))*

d) first-aid

rescue

service

.....,

*(phone number as in 1(3)(c))*

e) Regional

Police

Command

Post:.....

*(phone number as in 1(3)(d))*

In the notification specify the following:

- first and last name, employment place and position or function of the notifying person,
- number of phone used by the notifying person,
- precise location of the emergency site,
- short description of the emergency;

3) organization of first-aid for injured people;

4) securing the emergency site in the way agreed upon with the regional governor or the President of National Atomic Energy Agency, to prevent outsiders from staying on the emergency site.

### **3. Actions of the regional governor:**

1) When the emergency occurred in an organizational entity:

- a) acquire from the head of organizational entity the information necessary for the threat assessment; in particular specification of the emergency location (facility or installation; in the case of isotope laboratory– also the type and activity of radioactive material) and preliminary assessment of the type and activity of radioactive material which penetrated into the environment,
- b) basing on the information acquired under (a) – undertake intervention measures, including the establishment of the area surrounding the emergency site, which covers the terrain where any impermanent (removable) radioactive contamination may occur or where the ionizing radiation dose rate exceeds the level of 100 microsievert per hour (emergency area), and after completing the tasks referred to in paragraph 8 – implement the intervention measures referred to in Article 90 of the Act of Parliament of 29 November 2000 – Atomic Law (O.J. of 2004, No 161 Item 1689 and No 173 Item 1808), hereafter referred to as “the Act”, subject to the provisions in c),
- c) in the case of category I entity, referred to in paragraph 1(4) – implement the intervention measures, and in particular the measures referred to in Article 90 of the Act, prior to acquiring the information referred to in a), in the event of emergency, which in the on-site emergency plan is defined as an emergency requiring the implementation of such measures,
- d) determine personal data of those injured in the emergency and perform preliminary assessment of the extent of radioactive contamination, including the contamination of people,
- e) notify the population in accordance with provisions of paragraph 1(5).

2) In the event of radiological emergency occurring during the transport, field works, act of terror, emergency caused by an unknown perpetrator, increased level of ionizing radiation dose rate, or appearance of radioactive contamination, also in the case when their source is unknown:

- a) determine, if possible, the type and activity of radioactive materials involved in the emergency, together with the specification of emergency site, preliminary assessment of the type and activity of radioactive material that penetrated into the environment,

personal data of the people injured in the emergency and preliminary assessment of the extent of radioactive contamination, including the contamination of people;

- b) establish the area surrounding the emergency site, which covers the terrain where any impermanent (removable) radioactive contamination may occur or where the ionizing radiation dose rate exceeds the level of 100 microsievert per hour (emergency area);
- c) remove from the emergency area the injured and other people, who do not participate in emergency management activities, securing the access to this area and implementation of necessary intervention measures;
- d) describe anticipated emergency development;

3) If the information comes from the source other than the President of National Atomic Energy Agency – notify the President of National Atomic Energy Agency

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*(phone number as in 1(3)(h))*

with the confirmation in writing send within 3 hours from obtaining the information on the emergency, by fax to the fax number:

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*(fax number as in 1(3)(h))*

In the notification addressed to the President of National Atomic Energy Agency specify the following:

- a) region and personal data for the regional governor (in accordance with 1(1)), and if the notification is passed by a person other than the regional governor but acting with the governor's authorization, additionally: this person's first name, last name and position, and the number of the phone used,
- b) description of the emergency development, and in case of an emergency occurring in organizational entity – entity name and the information on practices conducted in exposure conditions, during which the emergency has occurred (for the transport of radioactive sources and waste or field works involving radioactive sources – additionally the type and activity of radioactive material involved in the emergency), specification of emergency site, preliminary assessment of the type and activity of radioactive material which penetrated into the environment, and preliminary assessment of the extent of radioactive contamination, including the contamination of people,

- c) information on the measures undertaken hitherto to secure the emergency site and on the intervention measures,
- d) information on the hitherto participation of outsiders, and of State Fire Service, first-aid rescue service and the Police,
- e) anticipated further development of the emergency,
- f) content and extent of the information communicated to the local community;

4) develop and communicate by mass media and other means customary for the given territory, the information addressed to the population, which may receive ionizing radiation dose exceeding the dose limit for members of the public as the result of radiological emergency, that includes, as needed:

- a) data on the type of emergency, and if possible – also on its site and time of occurrence, and its description and actual and anticipated emergency development, together with the determination of the size and extent of actual and anticipated emergency consequences;
- b) indication of population's actions or behavior aimed at avoiding the emergency consequences, which, depending on the type of emergency, may include the recommendations to restrict the consumption of some foods, simple rules for the hygiene and decontamination of humans, recommendations related to sheltering, information on the distribution of stable iodine products, organizational arrangements related to the evacuation,
- c) warning related to the possibility of implementation of intervention measures referred to in Article 90 of the Act, if the emergency development indicates that the implementation of such measures may be possible,
- e) if time allows – basic data related to the ionizing radiation and to the consequences of its interaction on humans and environment,
- f) call for listening to the communications broadcast by radio and TV stations,
- g) directions concerning:
  - course of action for people responsible for kindergartens, schools, hospitals, welfare homes, hotels, penal institutions and other entities, occupied by larger groups of people
  - course of action for professional groups, which may play a helpful role in the event of radiological threat,

and communicate to the population the updates of this information as the situation evolves;

5) conduct current analysis of the situation and cooperate with the President of National Atomic Energy Agency thorough the whole emergency development, up to the recall of emergency procedures, for the purpose of:

- a) conveying information on the situation development and transmitting to the President of National Atomic Energy Agency the data needed for the threat assessments and forecasts,
- b) acquiring the information on the results of threat assessments, in particular on the possibility of exceeding the intervention levels, and on the request by regional governor – on the results of radioactive contamination measurements conducted by the stations for early detection of radioactive contamination and the entities conducting radioactive contamination measurements, appropriate for the location where the threat occurred,
- c) making use of the recommendations passed on by the experts indicated by the President of the National Atomic Energy Agency, and in case of need - using the assistance related to the dosimetric measurements of the experts directed to the emergency site by the President of the National Atomic Energy Agency (dosimetric teams),
- d) formulating and delivering appropriate messages for the population ;

6) if the President of National Atomic Energy Agency sees no need to send a dosimetric team to the emergency site – request the assistance of appropriate regional (state) sanitary inspector in performing dosimetric measurements;

7) in the event when the emergency situation development may lead to a public threat with impact extending beyond the region’s territory, or when such threat has already occurred – notify the National Coordination Center for Rescue and Protection of Population  
.....  
.....;

*(phone number as in 1(3)(i))*

8) in the situation when the President of National Atomic Energy Agency has relayed the information on the possibility of exceeding the intervention levels:

- a) undertake the actions, which after the implementation of intervention levels referred to in Article 90 of the Act, will:

- in the event of evacuation, temporary or permanent resettlement of the population – secure the property left behind and for the population evacuated or resettled ensure the places of residence, transport and conditions for return to permanent residence subsequent to revoking the evacuation or permanent resettlement,
- in the event of mandatory sheltering – supply the population with necessary foods and water intended for human consumption and ensure medical help,
- in the event of stable iodine administration – ensure the distribution of these products,
- in the event of imposing a ban or restriction on the consumption of contaminated food and water intended for human consumption – withdraw from sale and destroy contaminated food, close the intakes of contaminated water intended for human consumption, ensure free of charge distribution of uncontaminated water intended for human consumption and put on sale uncontaminated foods,
- in the event of ban or restrictions on feeding the contaminated feed and water to the animals and on animal grazing on contaminated pastures – make available uncontaminated feeds and water for the animals, and ensure supervision over the ban of animal grazing on contaminated pastures,

b) introduce necessary restrictions on the movement of people and merchandize on the region's territory, and when the region is adjacent to the national border – in cooperation with the Minister competent for home affairs, also in the transboundary movements, defining the type of restrictions, date of their introduction, and the area and foreseen period of duration,

c) prepare and ensure functioning of health service entities in the mode appropriate for the developing situation;

9) in cooperation with the President of National Atomic Energy Agency – verify the effectiveness of necessary actions undertaken to eliminate the threat and the emergency consequences;

10) prepare and forward to the President of National Atomic Energy Agency, after completing the activities aimed at the elimination of the emergency consequences and after the threat has been removed, the information which contains:

- a) description of the emergency development, including its causes,
- b) description of the activities undertaken to eliminate the threat and the emergency consequences, including personal data of the person who directed the action,
- c) list of injured people, establishing the type of injuries and preliminary assessment of the doses received by these individuals and their contamination,

- d) assessment of effective doses received by the participants in rescue activities, indicating the measurements on which the assessment is based,
- e) assessment of the environmental contamination,
- f) list of used measurement methods, and also of dosimetric equipment, individual protection equipment and other equipment used to eliminate the emergency consequences,
- g) description of the procedures applied to remove the contamination of premises, terrain and for the decontamination of people,
- h) reports from the dosimetric inspections, performed after the completion of activities undertaken to eliminate the threat and the emergency consequences.

**4. Periodic exercises:**

Periodic exercises for the review and updating of the emergency plan for radiological emergency, including the method for communication with the population, according to the procedure established in 1(5), shall be held with the frequency..... (at least once in every three years).

.....  
 (signature of the regional governor)

\* Category I

entities include:

- reactors with thermal power over 100 megawatts (MW),
- storage facilities containing spent nuclear fuel in the quantity equivalent to the reactor core with thermal power of 3000 MW,
- facilities which contain unsealed radioactive sources in the quantity exceeding:
  - in the case of liquid or gaseous fission product mixture – the activity of  $5 \times 10^4$  terabecquerel (TBq),
  - in the case of iodine isotopes mixture – the activity of  $10^4$  TBq,
  - in the case of noble gases mixture – the activity of  $10^7$  TBq,
  - in the case of other unsealed radioactive sources – 10000 times the value of the A2 activity, established in the European Agreement on the international road transport of dangerous materials (ADR) (O.J. of 2002, No 194 Item 1629).

## Annex to the regional emergency plan

List of category I organizational entities located on the territory of the region, containing the following data:

- Organizational entity name and address
  
- Type of the facility or installation  
(e.g. 3000 MW power reactor)
  
- Location on the map of the region, including the designation of the area covered by plans of intervention measures undertaken in advance (i.e. based on the assessment of the facility status, indicating high probability of the occurrence of radiological emergency), and of the area covered by plans of intervention measures undertaken in the situation when the emergency has already occurred
  
- Type of activities conducted by this entity, as specified in the licence issued by the President of National Atomic Energy Agency, licence number
  
- First name, last name, phone numbers and address of the head of organizational entity
  
- First name, last name, phone numbers and address of the organizational entity radiological protection inspector
  
- On-site emergency management plan
  
- Contents of the advance information for the population, referred to in the regulation of the Council of Ministers of 27 April 2004 on the advance information for the population in the event of radiological emergency (O.J. No 102 Item 1065)

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<sup>[1]</sup> Regulation implements the following European Community directives:

- 1) Directive 89/618/Euratom of 27 November 1989 on informing the public of anticipated health protection measures and activities undertaken in the event of radiation emergency, O.J. L 357 of 7.12.1989, p. 31,
- 2) Directive 96/29/Euratom of 13 May 1996 on the basic safety standards for health protection against the dangers of ionizing radiation for workers and general public members O.J. L 159 of 29.06.1996, p. 1.

<sup>[1]</sup> For example: for class II isotopic laboratory – uncontrolled contamination of working areas; for field work involving sealed sources – source loss, source falling out from the container; for tele-radiotherapy involving radioactive source or for isotopic defectoscopy – jammed mechanism returning the source to its casing and similar; in the case of several types of activity or several emergency scenarios – ascribe unique symbols or numbers to individual situations and procedures; for nuclear facilities – appropriate part of the safety report for this facility.

<sup>[2]</sup> enter as appropriate:

- a) head of organizational entity where the event causing an off-site (transcending the site boundary) threat occurred,
- b) participant or witness of an accident during the radioactive sources and waste transport outside the organizational entity's site,
- c) President of National Atomic Energy Agency,
- d) other sources of information, e.g. the person who found an object that may be a radioactive source or may contain radioactive material.