Decree of the Nuclear Regulatory Authority of the Slovak Republic No 55/2006 Coll. of 12 January 2006 as amended by decree no. 35/2012 Coll., decree no. 9/2018 Coll. and decree no. 310/2022 Coll. Laying down details in emergency planning for the event of an incident or an accident
(consolidated version)

The Nuclear Regulatory Authority of the Slovak Republic (hereinafter: the "Authority"), pursuant to Section 17a(4), Section 27(6) and 28(26) and 29(7) of Act No. 541/2004 on Peaceful Use of Nuclear Energy (Atomic Act) and on Amendment and Additions to Certain Acts (hereinafter: the "Act"), provides as follows:

INTRODUCTORY PROVISIONS

Section 1

Scope

This decree lays down details on:

a) The content of emergency plans, procedure for their submission and approval,
b) The measures, procedures and activities including determining the event severity level according to international criteria,
c) Informing the Authority and the public
d) The formalities of background documents necessary for application for approval of the emergency area, size and common emergency area size, including a deadline for its submission,
e) Monitoring systems,
f) Training, exercises and updates of emergency plans,
g) The data provided on and chronology of an incident or accident in nuclear installations and in transportation of radioactive materials,
h) The manner of reporting operational events and events in transportation.

Section 2

Basic definitions

For the purposes of the decree
a) ""Emergency response organisation" means the establishment and arrangement of units and assignment of sufficient staff to occupy positions in the organisational structure of the permit holder or affected state administration authorities and local government bodies pursuant to special legislation) in mutual links that will ensure performance of activities necessary to overcome incidents or accidents and to mitigate and eliminate their consequences
    1. at one nuclear installation pursuant to Section 2(f) points 2 to 5 of the Act,
    2. at one nuclear reactor,
    3. at several nuclear reactors of one nuclear installation;
    4. at several nuclear reactors of several nuclear installations at a single site,

5. at several nuclear installations at a single site or
6. during the transport of radioactive materials;'.

b) A "nuclear installation area" means an area with a nuclear installation delineated by a barrier of a guarded space, which also constitutes, for the purpose of emergency planning, the nuclear installation boundary,
c) "Nuclear installation surroundings" mean an area within the emergency area except for the nuclear installation area,
d) A "nuclear installation emergency area" means usually a circular area, the centre and radius of which is to be proposed by the applicant within the proceedings for approval of the emergency area size or changes thereof,
e) A "common emergency area" for several nuclear facilities means a unification of emergency areas of individual nuclear facilities, within which the boundaries of all emergency areas are reflected; it does not have to be of a circular shape.
f) locality' means the site of a nuclear installation or the immediately adjacent site of multiple nuclear facilities with the same or different permit holder.

Section 3

Preliminary internal emergency plan

(1) The preliminary internal emergency plan is used as a basis for the internal emergency plan; when developing this plan, incidents or accidents that may occur during construction of the nuclear installation, response to incidents or accidents occurring at another nuclear installation in the locality, and incidents or accidents resulting from a combination of multiple exceptional events,[1a]) shall be taken into consideration.
(2) The preliminary internal emergency plan includes:
   a) A general section,
   b) The preliminary management of emergency response,
   c) Non-nuclear incidents or accidents or other initiation phenomena with an impact on nuclear safety (hereinafter: "other risks"),
   d) Appendices.
(3) The general section includes:
   a) The objective of the preliminary internal emergency plan,
   b) The scope of applicability of the preliminary internal emergency plan,
   c) A description of individual chapters,
   d) Specification of responsibility of units and individuals in resolution of incidents or accidents,
   e) An overview of legally binding acts concerning the preliminary internal emergency plan and a list of related and operational documentation,
   f) The definitions, acronyms and indications used.
   g) the preliminary classification of the event at the nuclear installation and, in the case of an incident or accident, the method of determining the degree of its severity and expected development over time,
   h) a description of the activities on the site of the nuclear installation to prevent or mitigate the consequences of the incident or accident,
   i) the method of declaring incidents or accidents according to the degree of their severity,

j) a basic description of the organisational structure of the permit holder's emergency response organisation,

k) a preliminary description of the technical, communication and material resources intended for responding to incidents or accidents,

l) the preliminary plan for monitoring the site and surrounding area of the nuclear installation,

m) the method of protecting persons authorised to be present on the site of the nuclear installation,

n) the method of notifying persons on the site of the nuclear installation and in the emergency area and the method of population warning,

o) the fire prevention documentation,[2)]

p) the method of informing the public about incidents and accidents,

q) a list of government authorities and legal and natural persons involved in emergency response activities on the site of the nuclear installation according to the emergency plan, with a definition of responsibilities and coordination between the permit holder, government authorities and organisations, considering the development of the incident or accident over time,

r) the plan of medical measures,[2a)] including cooperation with government authorities and organisations ensuring prevention and protection of employees and the public from the harmful effects of ionising radiation and providing medical care to affected persons.'

(4) The preliminary organisation of emergency response includes:

a) the preliminary classification of the event at the nuclear installation and, in the case of an incident or accident, the method of determining the degree of its severity and expected development over time,

b) a description of the activities on the site of the nuclear installation to prevent or mitigate the consequences of the incident or accident,

c) the method of declaring incidents or accidents according to the degree of their severity,

d) a basic description of the organisational structure of the permit holder's emergency response organisation

e) a preliminary description of the technical, communication and material resources intended for responding to incidents or accidents,

f) the preliminary plan for monitoring the site and surrounding area of the nuclear installation,

g) the method of protecting persons authorised to be present on the site of the nuclear installation,

h) the method of notifying persons on the site of the nuclear installation and in the emergency area and the method of population warning,

i) the fire prevention documentation,[2)]

j) the method of informing the public about incidents and accidents,

k) a list of government authorities and legal and natural persons involved in emergency response activities on the site of the nuclear installation according to the emergency plan, with a definition of responsibilities and coordination between the permit holder, government authorities and organisations, considering the development of the incident or accident over time,

l) the plan of medical measures,[2a)] including cooperation with government authorities and organisations ensuring prevention and protection of employees and the public from the harmful effects of ionising radiation and providing medical care to affected persons.

(5) The description of other risks includes:
   a) Their preliminary overview,
   b) The scope of their influence on nuclear safety,
   c) A proposed solution of consequences caused thereby and links to the respective parts of the preliminary internal emergency plan.

(6) The appendices include:
   a) Preliminary standard operating procedures with descriptions of activities of emergency response organisation members at all severity levels of incidents or accidents including response control and method of its management,
   b) A graphic representation of the preliminary emergency area size and indication of evacuation routes,
   c) A description of assembly points and shelters,
   d) Measures for concurrent construction of a nuclear installation and operation of other units within the nuclear installation area with an impact on emergency planning,
   e) A nuclear installation layout plan and proposed location of shelters,
   f) Rules of conduct for employees staying at the workplace.

Section 4

Internal emergency plan

(1)) The internal emergency plan shall take into consideration incidents or accidents at the nuclear installation that may occur during operation and response to incidents or accidents at other nuclear installations in the locality and incidents or accidents that may result from a combination of multiple exceptional events.

(2) The internal emergency plan includes:
   a) A general section,
   b) Emergency response management,
   c) Other risks,
   d) Appendices.

(3) The general section includes:
   a) The objective of the internal emergency plan,
   b) The scope of applicability of the internal emergency plan,
   c) A description of individual chapters,
   d) Division of responsibilities for performance of measures specified in the internal emergency plan within the permit holder’s organisational structure,
   e) An overview of legally binding acts concerning the internal emergency plan and of related and operational documentation,
   f) The definitions, acronyms and indications used.

(4) Emergency response organisation shall comprise
   a) the classification of operational events at the nuclear installation and, in the case of an incident or accident, the method of determining the degree of its severity and expected development over time,
   b) a description of the activities at the site of the nuclear installation to prevent or mitigate the consequences of the incident or accident,
   c) a description of the resolution of protracted events;

d) a description of the operation of the emergency response organisation in the event of infrastructure disruptions within and around the nuclear installation's territory;
e) the method of declaring incidents or accidents according to the degree of their severity,
f) the method of notifying persons on the site of the nuclear installation and in the emergency area, the method of population warning and the provision of information about the incident or accident,
g) the structure of the authorisation holder's emergency response organisation,
h) a description of the use of staff, technical, communication and material means common to several nuclear installations of one permit holder on a single site;
i) a description of the arrangements to ensure sufficient staff in the structure of the emergency response organisation during a protracted event;
j) documentation, technical, communication and material resources, including mobile equipment and consumables intended for responding to incidents or accidents or mitigating their consequences, which are stored, maintained, tested and checked frequently enough to be available and capable of operating during a design-basis accident and beyond-design-basis accident;2b)
k) a description how access shall be ensured to premises used to store documentation and the means referred to in point (j), access to which shall be possible even in the event of widespread damage to infrastructure;
l) the alert activation system,
m) the plan for monitoring the site and surrounding area of the nuclear installation,
n) the protection of persons authorised to be present at the site of the nuclear installation, including persons involved in the elimination of nuclear or radiation accidents,
o) internal emergency plan training and drills,
p) the links to the population protection plan[3)] in the emergency area,
q) the criteria for deactivating emergencies and principles of restoration at the nuclear installation,
r) method of informing the public
s) a list of government authorities and legal and natural persons involved in emergency response activities on the site of the nuclear installation according to the emergency plan, with a definition of responsibilities and coordination between the permit holder, government authorities and organisations, considering the development of the incident or accident over time,
t) the fire prevention documentation,[2)]
u) the plan of medical measures,[2a)] including cooperation with government authorities and legal person ensuring prevention and protection of personnel and the public from the harmful effects of ionising radiation and providing medical care to affected persons.

(5) The description of other risks includes:
a) Their overview,
b) The scope of their influence on nuclear safety,
c) A proposed solution of consequences caused thereby and links to the respective parts of the internal emergency plan.

(6) The appendices include:
a) Standard operating procedures with descriptions of emergency response organisation members' activities at all severity levels of incidents or accidents including response control and the method of its management,

b) Forms for primary and subsequent written information, on a running basis, for supervisory authorities and natural persons and legal entities participating in emergency planning pursuant to Section 6,
c) Examples of selected incidents or accidents with a classification depending on severity level including estimates of the amount and time development of releases of radioactive substances or ionising radiation,
d) Measures for concurrent operation of a nuclear installation and construction of other units within the nuclear installation area with an impact on emergency planning,
e) The nuclear installation layout plan, shelter location plan, graphic representation of the threatened area with indicated zones, sectors and evacuation routes,
f) Rules of conduct for employees staying at the workplace.

Section 5

Classification levels for incident or accident severity

(1) The levels of incident or accident severity are:
a) 1st degree – "alert" – for the condition upon which performance of safety functions is threatened or compromised, safety barriers are compromised or non-functioning, radioactive substance release is imminent or already occurred, which may lead or leads to unacceptable irradiation of persons within building structures of the nuclear installation, and in the case of adverse development of the event, release of radioactive substances outside of the nuclear installation premises is imminent,
b) 2nd degree – "state of emergency within the nuclear installation area" – for a condition that may lead or leads to a release of radioactive substances outside of the nuclear installation building structures and to its area,
c) 3rd degree – "state of emergency within the nuclear installation surroundings" – for a condition that may lead or leads to a severe release of radioactive substances to the nuclear installation surroundings.

(2) Provided that individual severity levels are announced, the following activities shall be performed in particular:
a) For the first level, all competent units of the emergency response organisation within the nuclear installation area shall be notified, and if necessary, also persons responsible for population protection as per the population protection plan; this level is equivalent to the period of the threat[1]),
b) For the second level, the emergency response organisation shall be alerted and persons responsible for population protection as per the population protection plan shall be notified and a population warning shall be prepared; measures are performed as per the population protection plan,
c) For the third level, measures shall be introduced and executed following from the internal emergency plan and population protection plans.

Section 6

Notification and warning

[5]) Section 3(4) of Act No. 42/1994 as amended.

(1) The notification method of persons within the nuclear installation area and within the threatened area and the population warning method includes:
   a) A description of notification of persons active in nuclear installation incident or accident resolution and a description of warning of persons within the nuclear installation area,
   b) A description of notification of persons and population warning pursuant to special legislation[5]),
   c) Warning signals and the incident or accident notification form within the nuclear installation area,
   d) Warning signals and additional spoken information for population warning[6]),
   e) The procedure for communicating warning signals.
(2) The plans for notification of persons contain a method, sequence and time limits for notification of persons within the nuclear installation area and within the emergency area.
(3) The permit holder shall immediately evaluate and classify the occurrence of an incident or accident in accordance with § 5(1) and immediately report the occurrence by phone to the Authority together with the classification.
(4) The permit holder shall forward in a demonstrable manner to the Authority the initial written information referred to in Annex 1, point A by fax, electronic mail or in person, no later than within 45 minutes of having classified the incident or accident in accordance with § 5(1).
(5) The permit holder shall send subsequent written information on incident or accident development depending on its changes to the Authority, this being within one hour of delivery of the initial written information pursuant to paragraph 4 and subsequently at least every two hours.
(6) The minimum contents of the initial and subsequent written information pursuant to paragraphs 4 and 5 is indicated in Appendix 1, items A and B.
(7) The Authority shall evaluate the severity of the event in terms of safety in accordance with Annex 3, considering the evaluation proposed by the permit holder in accordance with Annex 1, point (B), letter (g). The Authority shall inform the public and the International Atomic Energy Agency of the final evaluation of the degree of severity of the event.

Section 7

Alert system

The emergency response organisation alert system includes:
a) Alerting criteria,
b) Signals and procedures for alerting,
c) Obligations of emergency response organisation units.

Section 8

Monitoring of the nuclear installation area and surroundings

The description of the monitoring method of the nuclear installation area and nuclear installation surroundings within the emergency area pursuant to Section 4(4)m) includes

a) Procedures, means, activities, and measures in monitoring the nuclear installation technological parameters,
b) Procedures, means, activities, and measures in monitoring the radiation situation within the nuclear installation area and within the nuclear installation surroundings,

c) Procedures, means, activities, and measures in monitoring the meteorological situation within the nuclear installation area and within the nuclear installation surroundings.

Section 9

Protection of persons within the nuclear installation area

The description of protection of employees and other persons present within the nuclear installation area with the knowledge of the permit holder includes

a) The recording method and supervision of their movement,
b) The principles of their assembly, sheltering and evacuation,
c) The method of provision of protective equipment and medical equipment including iodine prophylaxis agents,
d) The decontamination method used and an overview of decontamination agents

Section 10

Training, exercises and updates

(1) The permit holder shall demonstrably communicate the contents of the preliminary internal emergency plan and the contents of the internal emergency plan to all employees and other persons present in the nuclear installation area with the knowledge of the permit holder upon entry to the nuclear installation area, upon starting the job and upon change of job position and then at least once every two years within the scope of their job position. Emergency response organisation members shall be demonstrably familiarised with the contents of the preliminary internal emergency plan and with that of the internal emergency plan at least once a year. The permit holder's training system also includes communication of changes of the respective emergency plan to employees and other persons present within the nuclear installation area with the knowledge of the permit holder. The permit holder shall keep records of such communication and training.
(2) Emergency response organisation services shall perform professional training, drills or exercises at least twice a year.
(3) Exercises involving the entire emergency response organisation of the permit holder shall be performed at least once a year.
(4) The internal emergency plan is exercised with services designated in the population protection plan once in three years.
(5) During exercises and drills, the authorisation holder's emergency preparedness shall be assessed in the same way as in the course of a real event.
(6) The permit holder shall keep records of each exercise including a comprehensive assessment and measures for elimination of deficiencies found during the exercise.
(7) The permit holder shall inform the Authority, by 30 November of the current year, on binding dates of exercises for the subsequent calendar year including the focus of the exercises.
(8) The permit holder shall submit an annual evaluation of exercises for the previous calendar year by the end of February of the current calendar year to the Authority.
(9) The permit holder shall submit updates of the internal emergency plan to the Authority in three originals.

Section 11

Informing the public

(1) In order to inform the public, permit holders referred to in § 5(3)(b) to (d) of the Act shall provide the Ministry of the Interior of the Slovak Republic with the information referred to in special legislation.[5)]

(2) Permit holders shall inform the public by means of their information points for public relations set up in accordance with special legislation[7)] and on their websites. The information point representative shall be included within the emergency response organisation.

Section 12

Data provision

(1) The permit holder shall provide the Authority with:
   a) Technological data of each nuclear installation or its part,
   b) Radiation monitoring data from the nuclear installation structures, nuclear installation area, and nuclear installation surroundings,
   c) Meteorological data of the area and surroundings of the nuclear installation.

(2) State administration authorities or their subordinate organisations shall provide the Authority with:
   a) Radiation monitoring data from the nuclear installation surroundings, the territory of the Slovak Republic, and the territory of Europe,
   b) Meteorological data from the nuclear installation surroundings, the territory of the Slovak Republic, and the territory of Europe,

(3) The data pursuant to paragraph 1 shall be provided by the permit holder at its own costs in electronic form in real time to a specialised workplace of the Authority.

(4) The data pursuant to paragraph 2 shall be provided by state administration authorities or by their subordinate organisations in electronic form in real time to a specialised workplace of the Authority.

Section 13

Population protection plan

(1) The population protection plan for the case of nuclear installation incident or accident is elaborated pursuant to special legislation[7a)]) with reference to the internal emergency plan.
(2) The population protection plan includes, in particular, requirements for measures with reference to the incident or accident development in time within
a) The period of threat,
b) The early phase,
c) The transition phase,
d) The late phase.

Section 14

Period of threat

(1) The period of threat[4]) is a period during which the incident or accident is classified at the first severity level.
(2) The measures during the period of threat include:
   a) Notification of persons active in resolution of incidents or accidents and preparation of population warning,
   b) Preparation for execution of urgent measures in the early phase within the emergency area,
   c) Informing the public on measures in the period of threat pursuant to section 28 (22) of the Act.

Section 15

Early phase

(1) The early phase is characterised by the start of release of radioactive substances and persisting release of radioactive substances from the nuclear installation into the atmosphere, which, in the form of a passing radioactive cloud, constitutes a source of radioactive contamination, causing external and internal exposure of the population to radioactive substances. This is classified as at least the second severity level pursuant to Section 5(1).
(2) The urgent measures in the early phase are measures pursuant to special legislation[7a]):
   a) The notification of persons active in resolution of consequences of incidents or accidents and population warning,
   b) Monitoring the radiation situation,
   c) Supervision of movements of persons and means of transport,
   d) Sheltering,
   e) Iodine prophylaxis,
   f) Evacuation,
   g) The use of special personal protection equipment,
   h) Partial decontamination of persons and objects,
   i) The prohibition of consumption of unprotected foodstuffs, water and feeding stuffs.
(3) The urgent measures pursuant to paragraph 2, items d) to f) and i) are planned in accordance with values of general criteria for the adoption of protective measures pursuant to special legislation[8]).
(4) The forecast of exceeding the general criteria for the adoption of protective measures[8]) constitutes a reason for execution of urgent measures that shall be executed without waiting for the results of actual radiation situation monitoring.
(5) The objective of the urgent measures is to reduce or avert contamination with radioactive substances and to reduce or avert irradiation of individuals from the population.

Section 16

Transition phase and late phase

(1) The transition phase is characterised by the end of release of radioactive substances from the nuclear installation. At this stage, the population is threatened primarily by external

irradiation from radioactively contaminated surfaces or by internal irradiation, which is caused by aspiration of radioactive substances or by consumption of radioactively contaminated foodstuffs and water.

(2) The late phase is characterised by successive cancellation of protective measures and by transition back to the normal way of life. At the late phase, the population may be potentially threatened from the same sources as in the transition phase.

(3) Subsequent measures in the transition and late phases, which are planned in accordance with values of general criteria for the adoption of protective measures pursuant to special legislation[8]), include:
   a) The supervision of movements of persons and means of transport[7a]),
   b) The prohibition or supervision of consumption of radioactive contamination foodstuffs, water and feeding stuffs[7a]),
   c) The relocation of the population depending on the assessment of the current radiation situation and forecast of its development[8]),
   d) Decontamination of the affected territory[7a]).

(4) The objective of the subsequent measures is to reduce the irradiation of individuals from the population and to reduce or exclude consequences of action of radioactive substances upon individuals from the population.

Section 17

Training, exercises and updates

(1) District authorities in the seat of the region shall demonstrably communicate the contents of the population protection plan to all employees included in the emergency response organisation at the county level at least once a year. The system of training courses also includes communication of changes in the population protection plan to the employees included in the emergency response organisation.

(2) District authorities in the seat of the region practice the selected parts of the population protection plan at least once a year.

(3) Activities included in the population protection plan shall be comprehensively practiced by district authorities in the seat of the region once in every three years jointly with the emergency response organisation of the permit holder.

(4) The district authorities in the seat of the region shall keep records of each exercise including a comprehensive assessment and measures for elimination of deficiencies found during the exercise.

(5) The district authorities in the seat of the region shall inform the Authority on binding dates of exercises for the subsequent year, including the focus of the exercises.

(6) The district authorities in the seat of the region shall submit population protection plan updates to the Authority for review in one original.

Section 18

Determining the threatened area size

(1) The smallest possible size of the emergency area of a nuclear installation pursuant to Section 2(f) 1 and 5 points of the Act of the applicant for a permit pursuant to Section 5(3)(a), (b) and (o) of the Act is a circle with a radius of 5 km from the centre of the nuclear installation under consideration; this does not apply to nuclear installations in decommissioning. The size of the emergency area of a nuclear installation pursuant to Section 2(f) 2 to 4 points of

the Act and a nuclear installation in decommissioning may be defined by the boundary of the nuclear installation if adequately proven and justified by the applicant through the results of analyses.

(2) Details of the application for approval of the emergency area size or changes thereof are given in Appendix 5 to the extent according to the permit application pursuant to Section 5(3)(a), (b) and (o) of the Act for a nuclear installation pursuant to Section 2(f) of the Act. For the granting of a permit or consent pursuant to Section 5(2)(a) of the Act or Section 5(3)(d) of the Act for a nuclear installation pursuant to Section 2(f) of the Act, the application documents shall be used as appropriate.

(3) The application for approval of the proposed emergency area size shall be submitted to the Authority three months before filing the application for the siting of the construction of a nuclear installation pursuant to Section 5(2)(a) of the Act or an application for a site permit for a nuclear installation pursuant to Section 5(3)(o) of the Act.

(4) The application for approval of the preliminary emergency area size shall be submitted by the applicant to the Authority at least three months before filing the application for approval of the preliminary internal emergency plan.

(5) The application for approval of the emergency area size shall be submitted by the applicant to the Authority at least three months before filing the application for approval of the internal emergency plan.

(6) The application for approval of the emergency area size common to several nuclear installations shall be submitted by the applicant following approval of the emergency area size for individual nuclear installations.

Section 19

Emergency transport plan

(1) The emergency transport plan includes:
   a) A general section,
   b) Emergency response organisation,
   c) Other risks,
   d) Appendices.

(2) The general section includes:
   a) The objective of the emergency transport plan,
   b) The scope of the emergency transport plan,
   c) A description of individual chapters,
   d) The division of responsibility for performance of measures laid down in the emergency transport plan,
   e) General principles of radioactive material transportation with reference to measures for the event of incident or accident during transportation,
   f) An overview of legally binding acts concerning the emergency transport plan and a list of related documentation,
   g) The definitions, acronyms and indications used.

(3) The description of emergency response organisation shall comprise

   a) the classification and description of transport incidents or accidents that may disrupt nuclear safety of transport,

   b) a description of the activities at the site of a transport incident or accident to prevent or mitigate the consequences of the incident or accident,

c) the method of declaration of transport incidents or accidents,

d) the structure of the emergency response organisation and its units participating in the transport and the alert activation system,

e) the structure, resources and technical equipment of the mobile emergency team,

f) the plan of notification of persons involved in transport incident or accident response and the method of providing information about the transport incident or accident,

g) the method of notification of persons involved in response to transport events in the regions being transited and the method of population warning,

h) the technical, communication and material resources intended for transport incident or accident response,

i) the plan of radiation monitoring of the transported radioactive materials and the plan of radiation monitoring of the area in the event of a transport incident or accident,

j) the protection of persons carrying out the transport and the method of providing means of protection and medical means, including a description of these means,

k) management, measures and procedures to combat, mitigate or eliminate the consequences of transport incidents or accidents, including regulation of the movement of persons and vehicles in accordance with special legislation[7a)] in the area assumed to be under threat,

l) emergency preparedness training and exercises in accordance with the emergency transport plan,

m) the means and method of ensuring decontamination,

n) the method of informing the public in the event of a transport incident or accident in accordance with § 28(22) of the Act,

o) a list of government authorities and legal and natural persons involved in activities according to the emergency transport plan, definition of responsibilities and coordination between the authorisation holder, the relevant government authorities and organisations involved in transport emergency response; the incident or accident, while development over time needs to be taken into consideration,

p) the fire prevention documentation,[2)]

q) the plan of medical measures,[2a)] including cooperation with government authorities and organisations ensuring prevention and protection of personnel and the public from the harmful effects of ionising radiation and providing medical care to affected persons.)

(4) The description of other risks includes

a) Their overview,

b) The scope of their influence on nuclear safety,

c) A proposed solution of consequences caused thereby and links to the respective parts of the emergency transport plan

(5) The appendices include

a) Standard procedures with a description of the emergency response organisation members' activities,

b) a document demonstrating that a professionally competent organisation has been contracted to ensure, as a supplier, the performance of the tasks of the accompanying technical team or emergency mobile team, if the transport authorisation applicant or transport permit holder is unable to carry out the activities of these teams on his own and using his own means

c) Forms for initial and subsequent information, on a running basis, of the supervisory authorities pursuant to Section 20,
d) Examples of selected incidents or accidents in transportation,
e) The manner of specification of the affected territory, its marking and securing.

Section 20

Provision of information about transport incidents or accidents

(1) The government authorities referred to in § 27(4)(d) of the Act shall be immediately notified by the permit holder of a transport incident or accident by phone.

(2) The permit holder shall forward in a demonstrable manner to the government authorities referred to in § 27(4)(d) of the Act the initial written information about the transport incident or accident by fax, electronically or in person, no later than within 45 minutes of having classified the incident or accident in accordance with § 27(3)(b) or (c) of the Act.'

(3) The minimum scope of the information referred to in paragraph (2) is provided in Annex 1, point C.

(4) The permit holder shall forward to the government authorities referred to in § 27(4)(d) of the Act the subsequent written information about the transport incident or accident by fax, electronically or in person, depending on changes in the situation, no later than within one hour of delivery of the initial written information referred to in paragraph (2) and, subsequently, at least every two hours.

(5) The minimum scope of the information referred to in paragraph (4) is provided in Annex 1, point D.

(6) The Authority shall evaluate the severity of the event in terms of safety in accordance with the scale in Annex 3, considering the evaluation proposed by the permit holder in accordance with Annex 1, point (D), letter (e). The Authority shall notify the public and the International Atomic Energy Agency of the final evaluation of the degree.

(7) The authorisation holder shall immediately inform the public about a transport incident or accident by sending out information about the event by means of the mass media.

Section 21

Training, exercises and updates

(1) The transport permit holder shall demonstrably communicate the contents of the emergency transport plan to all persons that provide transportation at least once a year within the scope of their job assignment.
(2) Training is also always performed before the transport takes place.
(3) The emergency response organisation units practice the emergency transport plan at least once a year.
(4) Exercises involving the entire emergency response organisation shall be performed at least once a year.
(5) During exercises and drills, the permit holder's emergency preparedness shall be assessed in the same way as in the course of a real event.
(6) The transport permit holder shall keep records of each training course and exercise including a comprehensive assessment and measures for elimination of deficiencies found

during the exercise. The transport permit holder shall submit the training documentation to the Authority.

(7) The transport permit holder shall inform the Authority by 30 November every year about the binding dates of exercises for the following calendar year, including the focus of the exercises, and present to the Authority an annual evaluation of exercises for the previous calendar year no later than by the end of February of the next calendar year.

(8) The transport permit holder shall submit updates of the emergency transport plan in one original.

Section 21a
Liaison point

(1) The Authority shall evaluate information about the occurrence of the events referred to in § 29(2) and (3) of the Act and decide on alert activation of its unit referred to in § 28(24) of the Act.

(2) After evaluating the information about the event, the Authority shall decide whether to inform the International Atomic Energy Agency, the European Commission and the States with which the Slovak Republic has concluded an agreement on mutual information about occurrences of the events referred to in § 29(3) of the Act.

(3) The government authorities referred to in § 29(3) of the Act shall provide the Authority with information about the occurrence of the event immediately in electronic form.

(4) The information provided shall contain

a) identification information of the organisation forwarding the information,

b) the contact person who can provide further details and the person's contact information,

c) the contact person responsible for handling the event and the person's contact information,

d) the place, date and time of the event,

e) the type of event,

f) a description of the event,

g) the initially identified characteristics of the source of ionising radiation,

h) the initial estimate of exposure of personnel working with sources of ionising radiation and exposure of the population, if such an estimate was made.

(5) Depending on the circumstances, the information provided in accordance with paragraph (4) shall also contain

a) basic information about the meteorological situation at the site of occurrence of the event,

b) the measured surface contamination levels,

c) the measured dose equivalent rates,

d) visual documentation,

e) available accompanying documentation of the source of ionising radiation,

f) other supplementary information.

(6) When the government authority obtains additional information about the event referred to in paragraphs (4) and (5), it shall be immediately provided to the Authority.

(7) If the final report contains information about how the event was resolved and the method of safe disposal of the source of ionising radiation and if this information is not included in the information referred to in paragraphs (4) and (5), the government authorities referred to § 29(3) of the Act shall provide it to the Authority additionally

COMMON AND FINAL PROVISIONS

Section 22

Reviews and approvals

(1) Permit applicants shall submit preliminary internal emergency plans for review to the Ministry of Health of the Slovak Republic. Following implementation of comments of the Ministry of Health of the Slovak Republic, the applicant shall submit the modified preliminary internal emergency plan to the Authority for approval in three originals along with an opinion from the Ministry of Health of the Slovak Republic not later than three months before filing the building permit application for construction of a nuclear installation.

(2) Following incorporation of comments of the Ministry of Health of the Slovak Republic, the permit applicant shall submit the internal emergency plan to the Authority for approval in three originals along with an opinion from the Ministry of Health of the Slovak Republic.

(3) Population protection plans shall be submitted by district authorities in the seat of the region to the Authority for review in one original. Following the incorporation of Authority's comments and issuance of an opinion, the district authorities in the seat of the region shall submit the population protection plans for approval to the Ministry of Interior of the Slovak Republic. Following incorporation of its comments and approval of population protection plans, the district authorities in the seat of the region shall submit one approved original along with a copy of the opinion on the approval to the Authority.

(4) The transport permit holder shall submit the emergency transport plan for review to the Authority in one original. Following incorporation of Authority's comments and issue of an opinion, the transport permit applicant shall submit the emergency transport plan for approval to the Ministry of Transport and Construction of the Slovak Republic. Following incorporation of its comments and approval of the emergency transport plan, the transport permit applicant shall submit one approved original along with a copy of the opinion on the approval to the Authority.

Section 23

This decree transposes legal acts of the European Communities and of the European Union listed in Appendix 6

Section 24

This Decree has been adopted in accordance with a legally binding act of the European Union in the area of technical standards and technical regulations.[10])

Section 25

Entry into force

This Decree shall enter into force on1 March 2006.

Marta Žiaková, *manu propria*

Annex 1
to Decree No 55/2006 Coll.

Contents of the initial and subsequent information about an incident or accident at a nuclear installation or a transport incident or accident

A. The initial written information about an incident or accident at a nuclear installation shall contain

a) identifying information of the authorisation holder in accordance with § 8(1)(a) of the Act,
b) identification and geographical coordinates of the nuclear installation,
c) the time of declaration of a classification degree under § 5,
d) a description of the state of the nuclear installation before and after the incident or accident,
e) a brief description of the incident or accident,
f) the presumed causes of the incident or accident
g) the measures taken immediately after the incident or accident,
h) the expected consequences of the incident or accident,
i) basic meteorological situation information.

B. The subsequent written information about an incident or accident at a nuclear installation shall contain more precise information according to point A supplemented with

a) barrier integrity information,
b) projected releases of radioactive substances into the environment, including information on the estimated time of the start of such leakage or the time by which such leakage shall not occur or the time by which such leakage is not foreseen,
c) the area affected by the substances and the assumed number of persons affected by the release on the site of the nuclear installation,
d) the protective measures taken,
e) the provision of information to the media,
f) the results of monitoring,
g) the proposed evaluation according to the international nuclear and radiological event scale given in Annex 3.

C. The initial written information about a transport incident or accident shall contain

a) identifying information of the permit holder in accordance with § 8(1)(a) of the Act,
b) the code of the shipment of radioactive materials,
c) information about the place of the transport incident or accident,
d) the time when the transport incident or accident occurred
e) a description of the event that has occurred,
f) categorisation according to the severity degrees under § 27(3) of the Act,
g) information about the release of radioactive material and/or ionising radiation,
h) basic meteorological situation information,
i) measures taken immediately after the transport incident or accident.

D. The subsequent written information about a transport incident or accident shall contain
a) further specification of the information provided under point C,
b) a description of the activities before and after the transport incident or accident and the causes thereof,
c) the expected consequences of the transport incident or accident for the population and persons involved in the transport and preliminary estimate of material and environmental damage,
d) the results of radiation situation monitoring,
e) the proposed evaluation according to the international nuclear and radiological event scale given in Annex 3.

Annex 3
to Decree No. 55/2006 Coll.

International Nuclear Event Scale (INES*) for the purposes of informing the public

Accident	7 Major accident 6 Serious accident 5 Accident with off-site risk 4 Accident without significant off-site risk
Incident	3 Serious incident 2 Incident 1 Anomaly
Deviation	0 No safety significance

*INES – International Nuclear Event Scale

Annex 5
to Decree No. 55/2006 Coll.

Details of documents required to determine the threatened area size

1. The documents required for the proposed size of the emergency area of a nuclear installation pursuant to Annex 1 (A)(g) of the Act or its changes shall include
   a) description and analysis of envelope scenarios at nuclear installations considering the consequences of the applicant's proposed severe accidents[11]) for nuclear installations pursuant to points one, three and five of Section 2(f) of the Act and selected incidents and accidents for other nuclear installations;
   b) justification for the choice of envelope scenarios;
   c) evaluation of the radiological consequences of envelope scenarios and a justification for the proposal of the size of the threat area of the nuclear installation;
   d) the proposed size of the emergency area;
   e) a description of the methodology used to propose the size of the emergency area and the calculation programmes used for scenario analyses.
2. The documents for the preliminary definition of the emergency area size of the nuclear installation pursuant to Annex 1 (B)(l) of the Act or its changes and the definition of the size of the emergency area pursuant to Annex 1 (C)(v) of the Act shall contain clarification of the first point; and
   a) an analysis of scenarios and radiological consequences proposed by the applicant for severe accidents[11]) for nuclear installations pursuant to §Section 2(f) 1, 3 and 5 points of the Act and selected incidents and accidents for other nuclear installations using a deterministic method or using a combination of deterministic method and probabilistic method, for scenarios contemplating releases to the environment, including inclusion of the impact of external factors and comparison of the calculated results with established values pursuant to special legislation;[8])
   b) a description of analysis methodology and calculation software;
   c) proof of the completeness of the events considered and the justification for the selection of the scenarios analysed pursuant to (a);
   d) the modelling assumptions used;
   e) the envisaged initial and boundary conditions and requirements for functionality of systems and components;
   f) the envisaged corrective measures to mitigate the consequences of selected scenarios pursuant to (a);
   g) quality assurance;
   h) the results of the analyses and their conclusions with the proposed size of the emergency area;
   a) a graphic representation with indication of placement of the nuclear installation and with indication of the emergency area.
3. The for the application pursuant to point 2 shall be used accordingly when submitting an application for approval of a change in the size of the threat area pursuant to Annex 1(D)(q) of the Act.
4. The analyses of scenarios and radiation consequences of selected scenarios pursuant to point 2(a) shall be prepared and documented in such a way that the Authority can verify the calculated results and conclusions.

5. The documents pursuant to 1 to 3 points shall be submitted in duplicate in paper form and in electronic form

Annex 6
to Decree No. 55/2006 Coll.

List of transposed legal acts of the European Communities and of the European Union

This Decree transposes the following legal acts of the European Communities and of the European Union:

1. Council Directive 89/618/Euratom of 27 November 1989 on informing the general public about health protection measures to be applied and steps to be taken in the event of a radiological emergency (Official Journal of the European Communities L-357, 07 December 1989).
2. Council Decision 87/600/Euratom of 14 December 1987 on Community arrangements for the early exchange of information in the event of a radiological emergency (Official Journal of the European Communities L-371, 30 December 1987).

Footnotes:
1) For example, Act no. 387/2002 Coll. on state management in crisis situations outside the time of war and state of war, as amended.
1a) Section 3 (2) of the Act No. 42/1994 Coll. on civil defence of the population as amended
2) Sections 24-31 of Act of the Ministry of the Interior of the Slovak Republic no. 121/2002 Coll. on fire prevention as amended.
2a) Annex 6 part 5 point E to the Act No. 87/2018 Coll., on the radiation protection and on changes and amendments to some acts as amended.
2b) Section 2 (l) of the Decree of the Nuclear Regulatory Authority of the Slovak Republic No. 430/2011 Coll. on nuclear safety requirements as amended by Decree No. 103/2016 Coll.
3) Section 3 (14) of the Act No. 42/1994 Coll. on civil defence of the population as amended
4) Section 3 (4) of the Act No. 42/1994 Coll. on civil defence of the population as amended
5) Decree of the Ministry of the Interior of the Slovak Republic No. 388/2006 Coll. on details for ensuring the technical and operational conditions of the information system for civil protection, as amended,
6) Section 3a (1-3) of the Act No. 42/1994 Coll. on civil defence of the population as amended
7) Section 6 of the Decree of the Ministry of the Interior of the Slovak Republic No. 388/2006 Coll. on details for ensuring the technical and operational conditions of the information system for civil protection, as amended,
7a) Act No. 42/1994 Coll. on civil defence of the population as amended,
Decree of the Ministry of the Interior of the Slovak Republic No. 533/2006 Coll., on the details of protection of the population from the effects of dangerous substances, as amended
8) Annex 12 of the Act No. 87/2018 Coll.
10) Directive (EU) 2015/1535 of the European Parliament and of the Council of 9 September 2015 laying down a procedure for the provision of information in the field of technical regulations and of rules on Information Society services (OJ L 241, 17.9.2015).
11) Section 2 (x) of the Decree of the Nuclear Regulatory Authority of the Slovak Republic No 430/2011 Coll. as amended by Decree No. 103/2016 Coll.