Decree of the Nuclear Regulatory Authority of the Slovak Republic No. 55/2006 Coll. as amended by Decree No. 35/2012 Coll. and Decree No. 9/2018 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 (herein referred to as "Authority"), pursuant to Section 27 (6), Section 28 (26) and Section 29 (7) of the Act No. 541/2004 Coll. on Peaceful Use of Nuclear Energy (Atomic Act) and on Amendment and Supplementation to Certain Acts (herein referred to as the "Act") lays down 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 of emergency classification 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 planning zone size and common emergency planning zone 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 nuclear installation events and events occurring during transport of radioactive materials.

Section 2

Basic definitions

For the purposes of the decree

a) "emergency response organisation" means the establishment and arrangement of units and assignment of employees in the organisational structure of the authorisation holder or affected state administration authorities and local government bodies pursuant to special legislation[1]) in such mutual links that will ensure performance of activities necessary to overcome incidents or accidents in nuclear installations or in transport of radioactive materials or to mitigate and eliminate their consequences,

[1]) For example, Act No. 387/2002 Coll. on the Management of State in Crisis Situations other than Time of War and State of War as amended by Act No. 515/2003 Coll.

b) "operation area" means an area with a nuclear installation delineated by a physical barrier of a guarded area, which also constitutes, for the purpose of emergency planning, the nuclear installation boundary,
c) "off - site area of nuclear installation" mean an area within the emergency planning zone except for the nuclear installation area,
d) "emergency planning zone" means 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) "common emergency planning zone" for several nuclear installations means a unification of emergency planning zones of individual nuclear installations, within which the boundaries of all emergency planning zones are reflected; it does not have to be of a circular shape.
f) "site area" the site of a nuclear installation or the immediately adjacent site of multiple nuclear installations with the same or different authorisation holder.

Section 3

Preliminary on-site emergency plan

(1) The preliminary on-site emergency plan is used as a basis for the on-site 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 on-site emergency plan includes:
   a) a general section,
   b) the preliminary emergency response organisation,
   c) non-nuclear incidents or accidents or other initiation phenomena with an impact on nuclear safety (hereinafter referred to as "other risks"),
   d) annexes.
(3) The general section includes
   a) the objective of the preliminary on-site emergency plan,
   b) the scope of applicability of the preliminary on-site emergency plan,
   c) description of individual chapters,
   d) assignment of responsibility of units and individuals in resolution of incidents or accidents,
   e) an overview of legally binding acts concerning the preliminary on-site emergency plan and a list of related and operational documentation,
   f) the definitions, acronyms and indications used.

(4) The preliminary organisation of emergency response includes

   a) the preliminary classification of the events at the nuclear installation and, in the case of an incident or accident, the method of event classification and expected development over time,
   b) a description of the activities at the operation area 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 their classification level,
   d) a basic description of the organisational structure of the authorisation 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 operation area and off-site area of the nuclear installation,
g) the method of protection of site personnel authorised to be present on operation area of the nuclear installation,
h) the method of notifying persons at the operation area and persons in the emergency planning zone 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 operation area of the nuclear installation according to the emergency plan, with a definition of responsibilities and coordination between the authorisation 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 impact on nuclear safety,
c) a proposed solution of consequences caused thereby and links to the respective parts of the preliminary on-site emergency plan.

(6) The appendices include:
a) A preliminary standard operating procedure with descriptions of activities of emergency response organisation members at all classification levels of incidents or accidents including response control and method of its management,
b) a graphic representation of the preliminary emergency planning zone 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 operation 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

On-site emergency plan

(1)) The on-site 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 site area and incidents or accidents that may result from a combination of multiple emergency events .

(2) The on-site 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 on-site emergency plan,
b) the scope of applicability of the on-site emergency plan,
c) a description of individual chapters,
d) assignment of responsibilities for performance of measures specified in the on-site emergency plan within the authorisation holder's organisational structure,
e) an overview of legally binding acts concerning the on-site 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 event classification and expected development over time,
b) a description of the activities at the operation area to prevent or mitigate the consequences of the incident or accident,
c) the method of declaring incidents or accidents according to their classification level,
d) the method of notifying persons at the operation area and persons in the emergency planning zone and the method of population warning, and the provision of information about the incident or accident,
e) the structure of the authorisation holder's emergency response organisation,
f) the technical, communication and material resources intended for responding to incidents or accidents or mitigating their consequences, including their backup,
g) the alert activation system,
h) the plan for monitoring the operation area and off-site area of the nuclear installation,
i) the protection of persons authorised to be present at the operation area of the nuclear installation, including persons involved in the elimination of nuclear or radiation accidents,
j) on-site emergency plan training and drills,
k) the links to the public protection plan[3]) in the emergency planning zone,
l) the criteria for termination of emergencies and principles of remediation at the nuclear installation,
m) method of informing the public
n) a list of government authorities and legal and natural persons involved in emergency response activities on operation area of the nuclear installation according to the emergency plan, with a definition of responsibilities and coordination between the authorisation holder, government authorities and organisations, considering the development of the incident or accident over time,
o) the fire prevention documentation,[2])
p) 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.

(5) The description of other risks includes
a) their overview,
b) the scope of their impact on nuclear safety,
c) a proposed solution of consequences caused thereby and links to the respective parts of the on-site 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 the initial and subsequent notification messages, 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 level including estimates of the amount and time development of releases of radioactive material or ionising radiation,
d) Measures for concurrent operation of a nuclear installation and construction of other installations within the operation 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

Emergency Classification Levels

(1) The Emergency classification levels are
a) 1st level – "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 material outside of the nuclear installation premises is imminent,
b) 2nd level – "on-site emergency" – for a condition that may lead or leads to a release of radioactive material outside of the nuclear installation building structures and to its operation area,
c) 3rd level – "off-site emergency" – for a condition that may lead or leads to a severe release of radioactive material to the nuclear installation surroundings.

(2) Provided that emergency classification 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 operation area shall be notified, and if necessary, also persons responsible for population protection as per the Public protection plan; this level is equivalent to the period of the threat,[2])
b) For the second level, the emergency response organisation shall be alerted and persons responsible for population protection as per the public protection plan shall be notified and a population warning shall be prepared; measures are performed as per the Public protection plan,
c) For the third level, measures shall be introduced and executed following from the on-site emergency plan and population protection plans.

Section 6

Notification and warning

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

(1) The notification method of persons present at the operation area and within the emergency planning zone and the population warning method includes
   a) A description of notification of persons participating in nuclear installation incident or accident management and a description of warning of persons within the operation 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 site 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 the method, order and time limits for notification of persons present at the operation area and within the emergency planning zone.
(3) The authorisation holder shall immediately evaluate and classify the occurrence of an incident or accident in accordance with Section 5 (1) and immediately report the occurrence by phone to the Authority together with the classification.
(4) The authorisation holder shall forward in a demonstrable manner to the Authority the initial notification message referred to in Annex 1, point A by fax, electronic mail or in person, no later than within 45 minutes after classification of the incident or accident in accordance with Section 5 (1).
(5) The authorisation holder shall send subsequent notification message on incident or accident development depending on its changes to the Authority, this being within one hour of delivery of the initial notification message pursuant to paragraph 4 and subsequently at least every two hours.
(6) The minimum contents of the initial and subsequent notification message pursuant to paragraphs 4 and 5 is indicated in Appendix 1, items A and B.
(7) The Authority shall classify the severity of the event in terms of safety in accordance with Annex 3, considering the evaluation proposed by the authorisation 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 classification of the of the event.

Section 7

Alert system

The emergency response organisation alert system includes
a) alerting criteria,
b) signals and procedures for alerting,
c) responsibilities of Emergency response organisation units.

Section 8

Monitoring of the nuclear installation operation area and off-site area

The description of the monitoring method of the operation area and off-site area of nuclear installation within the emergency planning zone pursuant to Section 4 (4) (h) includes

a) Procedures, equipment, activities, and measures in monitoring the nuclear installation technological parameters,

b) Procedures, equipment, activities, and measures in monitoring of radiation situation at the operation area and of-site area of the nuclear installation,
c) Procedures, equipment, activities, and measures in monitoring the meteorological situation at the operation area and off-site area of the nuclear installation.

Section 9

Protection of persons present at the operation area

The description of protection of employees and other persons present at the operation area of the nuclear installation with the knowledge of the authorisation holder includes
a) The recording method and control 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 thyroid blocking agents,
d) The decontamination method used and an overview of decontamination agents

Section 10

Training, exercises and updates

(1) The authorisation holder shall demonstrably communicate the contents of the preliminary on-site emergency plan and the contents of the on-site emergency plan to all employees and other persons present at the operation area with the knowledge of the authorisation holder upon entry to the operation 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 on-site emergency plan and on-site emergency plan at least once a year. The authorisation holder's training system also includes communication of changes of the respective emergency plan to employees and other persons present at the operation area with the knowledge of the authorisation holder. The authorisation holder shall keep records of such communication and training.
(2) Emergency response organisation units shall perform professional training, drills or exercises at least twice a year.
(3) Exercises involving the entire emergency response organisation of the authorisation holder shall be performed at least once a year.
(4) The on-site emergency plan is exercised with units designated in the Public 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 authorisation holder shall keep records of each exercise including a comprehensive assessment and measures for elimination of deficiencies found during the exercise.
(7) The authorisation holder shall inform the Authority, by the end of November of the current year, on binding dates of exercises for the subsequent calendar year including the objectives of the exercises.
(8) The authorisation 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 authorisation holder shall submit updates of the on-site emergency plan to the Authority in three originals.

Section 11

Informing the public

(1) To inform the public, the authorisation holders referred to in Section 5 (3) (b) to (d) of the Act shall provide the Ministry of the Interior of the Slovak Republic with the information pursuant to special legislation.[5])

(2) The authorisation holders shall inform the public by the means of information points set up pursuant to special legislation[7]) and on their websites. The information point representative shall take part in the emergency response organisation.

Section 12

Data provision

(1) The authorisation holder shall provide the Authority with
   a) technological data of each nuclear installation or its part,
   b) radiation monitoring data from the nuclear installation, operation area and off-site area of the nuclear installation,
   c) meteorological data of the operation area and off-site area of the nuclear installation.

(2) State administration authorities or their subordinate organisations shall provide the Authority with
   a) radiation monitoring data from the off-site area of the nuclear installation, the territory of the Slovak Republic and the territory of Europe,
   b) meteorological data from the off-site area of the nuclear installation, the territory of the Slovak Republic and the territory of Europe,

(3) The data pursuant to Paragraph 1 shall be provided by the authorisation 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

Public protection plan

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

Section 14

Threat phase

(1) The threat phase[4]) is a period during which the incident or accident is classified at the first classification level.
(2) The measures during the threat phase include:
   a) notification of persons participating in management of incidents or accidents and preparation of public warning,
   b) preparation for execution of urgent protective actions in the early phase within the emergency planning zone,
   c) informing the public on measures in the threat phase 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 material and persisting release of radioactive material 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 public to radioactive material. This is classified as at least the second classification level pursuant to Section 5 (1).
(2) The urgent protective measures in the early phase are measures pursuant to special legislation[7a])
   a) the notification of persons participating in management of consequences of incidents or accidents and public warning,
   b) monitoring of 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 restriction of consumption of unprotected foodstuffs, water and feeding stuff.
(3) The urgent protective measures pursuant to Paragraph 2 (d) to (f) and (i) are planned in accordance with intervention level values pursuant to special legislation.[8])
(4) The forecast of exceeding the intervention level[8]) constitutes a reason for execution of urgent protective measures that shall be executed without waiting for the results of actual radiation situation monitoring.
(5) The objective of the urgent protective measures is to reduce or avert contamination with radioactive material and to reduce or avert irradiation of individuals from the public.

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 inhalation of radioactive material or by consumption of radioactively contaminated foodstuffs and water.

(2) The late phase is characterised by successive withdrawal 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 phase, which are planned in accordance with intervention level values pursuant to special legislation[8]), include
   a) the supervision of movements of persons and means of transport,[7a])
   b) the restriction of consumption of foodstuffs, water and feeding stuffs with radioactive contamination,[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 public and to reduce or avert consequences of impact of radioactive material upon individuals from the public.

Section 17

Training, exercises and updates

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

(2) District authorities practice the selected parts of the Public protection plan at least once a year.

(3) Activities included in the public protection plan shall be comprehensively practiced by district authorities once in every three years jointly with the emergency response organisation of the authorisation 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 objectives of the exercises.

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

Section 18

Planning zones determination

(1) Details of the application for approval of the emergency planning zone size or changes thereof are given in Annex 5.

(2) The application for approval of the proposed emergency planning zone size shall be submitted by the applicant to the Authority one month before filing the application for building construction placement approval.

(3) The application for approval of the preliminary emergency planning zone size shall be submitted by the applicant to the Authority at least three months before filing the application for approval of the preliminary on-site emergency plan.
(4) The application for approval of the emergency planning zone size shall be submitted by the applicant to the Authority at least three months before filing the application for approval of the on-site emergency plan.
(5) The application for approval of the emergency planning zone size common to several nuclear installations shall be submitted by the applicant following approval of the emergency planning zone 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 assignment 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 occurring during transport,
   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 have impact on 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 classification 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, through which transport is being transited and the method of public warning,

   h) the technical, communication and material resources designated 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 this 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 pursuant to special legislation[7a]) in the threat area,

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

m) the means and methods of decontamination,

n) the method of informing the public in the event of a transport incident or accident in accordance with Section 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 governmental 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 governmental 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 impact 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 activities of emergency response organisation,

b) the 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 the transport authorisation 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 notification messages on a running basis submitted to the regulatory authorities pursuant to Section 20,

d) examples of selected incidents or accidents in transportation,

e) the manner of specification of the affected territory, its delineation and securing.

Section 20

Provision of information about transport incidents or accidents

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

(2) The authorisation holder shall forward in a demonstrable manner to the government authorities referred to in Section 27 (4) (d) of the Act the initial notification

message 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 Section 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 authorisation holder shall forward to the government authorities referred to in Section 27 (4) (d) of the Act the subsequent notification message 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 notification message 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 classificate an event in terms of safety in accordance with the scale in Annex 3, considering the evaluation proposed by the authorisation 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 classification of the event.

(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 authorisation 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 with the participation of the entire emergency response organisation shall be performed at least once a year.
(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 transport authorisation 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 authorisation holder shall submit the training documentation to the Authority.
(7) The transport authorisation 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 authorisation holder shall submit updates of the emergency transport plan in one original.

Section 21a
Contact point

(1) The Authority shall evaluate information about the occurrence of the events referred to in Section 29 (2) and (3) of the Act and decide to activate its work place referred to in Section 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 an agreement on mutual notification of events referred to in Section 29 (3) of the Act.
(3) The government authorities referred to in Section 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 media 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 Section 29 (3) of the Act shall provide it to the Authority additionally

COMMON AND FINAL PROVISIONS

Section 22

Reviews and approvals

(1) The authorisation applicants shall submit preliminary on-site 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 on-site 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 authorisation application for construction of a nuclear installation.

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

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

(4) The transport authorisation 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 authorisation 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 authorisation applicant shall submit one approved original along with a copy of 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, m. p.

Annex 1
to Decree No. 55/2006 Coll.

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

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

a) identifying information of the authorisation holder according to Section 8 (1) (a) of the Act,
b) identification and geographical coordinates of the nuclear installation,
c) the time of declaration of a classification level according to Section 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 message 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,
c) the area affected by the released radioactive substances and the assumed number of persons affected by the release at the operation area,
d) the protective measures taken,
e) the provision of information to the media,
f) the results of monitoring,
g) the proposed classification according to the international nuclear and radiological event scale given in Annex 3.

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

a) identifying information of the authorisation holder according to Section 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) classification of the event according to the Section 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 message 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 public and persons involved in the transport and preliminary estimate of material and environmental damage,
d) the results of radiation situation monitoring,
e) the proposed classification 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 wider consequences 4 Accident with local consequences
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 for the application for approval of the emergency planning zone size or changes thereof include:
   a) an analysis of the source term and radiological consequences of selected severe accidents[11]) and comparison of calculated results with the determined values pursuant to special legislation,[12])
   b) description of analysis methodology and calculation software used,
   c) Justification of selection of the analysed scenarios of development of selected severe accidents[11])
   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 severe accidents,
   g) quality assurance,
   h) the results of analyses and their conclusions with determination of the emergency planning zone size,
   i) a graphic representation of the nuclear installation with emergency planning zone.

2. Analyses of the source term and radiological consequences of selected severe accidents are documented so that the Authority can verify the calculated results and conclusions.

3. The applicant shall submit the documents pursuant to paragraph 1 in two originals.

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 by Act No. 515/2003 Coll.
1a) Section 3 (2) of the Act No. 42/1994 Coll. on civil defence of the population as amended.
2) Sections 24 - 31 of the Act of the Ministry of the Interior of the Slovak Republic No. 121/2004 Coll. on fire prevention as amended.
2a) Annex 4 (2) (C) (k) to the Act No. 355/2007 Coll. on the protection, support and development of public health, and on changes and amendments to some acts as amended.
3) Section 3 (17) of the Act No. 42/1994 Coll. on civil defence of the population as amended.
site4) 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) to (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
Government Order No. 345/2006 Coll. on basic safety requirements for the protection of health of workers and the population from ionizing radiation.
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 by Decree of the Ministry of the Interior of the Slovak Republic No. 445/2007 Coll.
8) Annex 10 to the Government Order No. 345/2006 Coll. on basic safety requirements for the protection of health of workers and the population from ionizing radiation.
10) Directive 98/34/EC of the European Parliament and of the Council of 22 June 1998 laying down a procedure for the provision of information in the field of technical standards and regulations (OJ L204, 21.7.1998) as amended.
11) Section 2 (x) of the Decree of the Nuclear Regulatory Authority of the Slovak Republic No 430/2011 Coll. on details on nuclear safety requirements for nuclear facilities.
12) Annex 10 to the Government Decree No. 345/2006 Coll. on basic safety requirements for the protection of health of workers and the population from ionizing radiation.
Act No. 355/2007 Coll. on the protection, support and development of public health, and on changes and amendments to some acts as amended.

1) Section 2 (s) of the Decree of the Nuclear Regulatory Authority of the Slovak Republic No. 50/2006 Coll. laying down details on the requirements for the nuclear safety of nuclear installations during their siting, design, construction, commissioning, operation, decommissioning and closure of a repository, as well as criteria for the categorization of selected installations into safety classes.

2) For example Act No. 272/1994 Coll. on the protection of human health, as amended, Decree of the Ministry of Health of the Slovak Republic No. 12/2001 Coll. on requirements for ensuring radiation protection, 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. 300/1996 Coll. on ensuring the protection of the population during the production, transport, storage and handling of hazardous pollutants, as amended.