



JASENOVIK 2019. godine



Belgrade, 16-17 April 2019



TECHNICAL AND TECHNOLOGICAL ACCIDENTS IN TRANSPORT





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DESCRIPTION OF EVENT

On January 19, 2019, at 23.35 hours, two (2) tank wagons landed and slipped off the rail tracks.

Tanks were filled with 40 tons of ammonia.

Wagons - tanks were overturned on the side, at the section of the Nis-Zaječar railway, near the village of Jasenovik.

The crash site was located 350 meters from the nearest houses and 1000m from the regional road Niš - Svrljig



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ACTIVITIES OF 112 OPERATION CENTER IN An EMERGENCY SITUATION IN JASENOVIK

Reception of information about the event:

- confirmation of accuracy of information about the event in the corresponding Department of the Railway Directorate
- collecting details of the event;
- receiving information from the field;
- notifying the superior and other competent staff of the Directorate for emergency situations in Niš;
- notifying via of the Commander of emergency situation headquarters of the city of Niš and of the Nišava County;
- notifying the national center 112 about the event.



ACTIVITIES OF 112 OPERATION CENTER IN AN EMERGENCY SITUATION





Law on Disaster Risk Reduction and Emergency Management ("Official Gazette" RS No.87 / 18)

Decree on the implementation of evacuation ("Official Gazette" no.22 / 11)

The Decree defines:

organization and implementation of the evacuation of people, animals of material and cultural goods, from natural disasters, technical and technological accidents, basis for evacuation planning, responsibility for issuing evacuation orders, and other.



THE BASIS FOR PLANNING PREPARATORY ACTIVITIES

Risk assessment of the disaster of the city of Nis;
Risk assessment of the company and other legal entity.

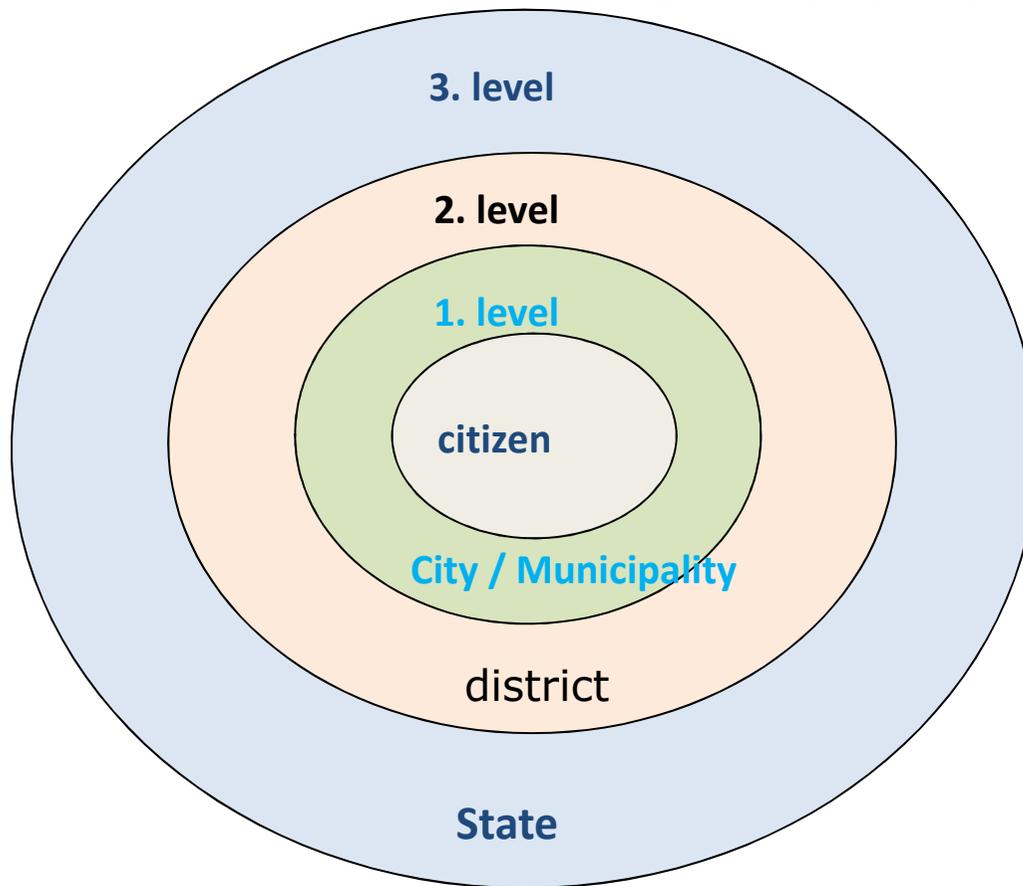
Plan of protection and rescue:

- An early warning and alerting plan;
- Evacuation Plan;
- Care plan.

The accident protection plan of the company that produces, transports or stores hazardous substances



Preparation and response in emergencies and extraordinary events



The first answer is the most important answer.

The first discovery is always at the local level



MANAGEMENT IN EXTERNAL SITUATIONS

For emergency situations coordination and management, an operational expert body is assembled:

Emergency Management HQ

Function of the Emergency Management HQ

- OPERATING FUNCTION: Coordination and management of protection and rescue in emergency situations
- PREVENTIVE FUNCTION: Implementation of preventive measures and preparations for dealing with emergencies

Activities of the Emergency Management Directorat in Nis

- 1. Preparation of the Plan of informing and alerting the population for the execution of evacuation -**
- 2. Preparation of the Fire Safety Plan in carrying out the work of raising the overturned tank**
- 3. Plan - defining the task-activity, carrier, cooperation in order to implement the security of the place of events and property; health security at the venue, collection and site of care; recording population and livestock; transport and disposal.**
- 4. Preparing notices on citizens' procedures during evacuation with questionnaire on personal data and age structure of evacuated.**
- 5. Establishing and organizing the operational staff to coordinate the work of all the forces of the protection and rescue system and remediation of the event site.**

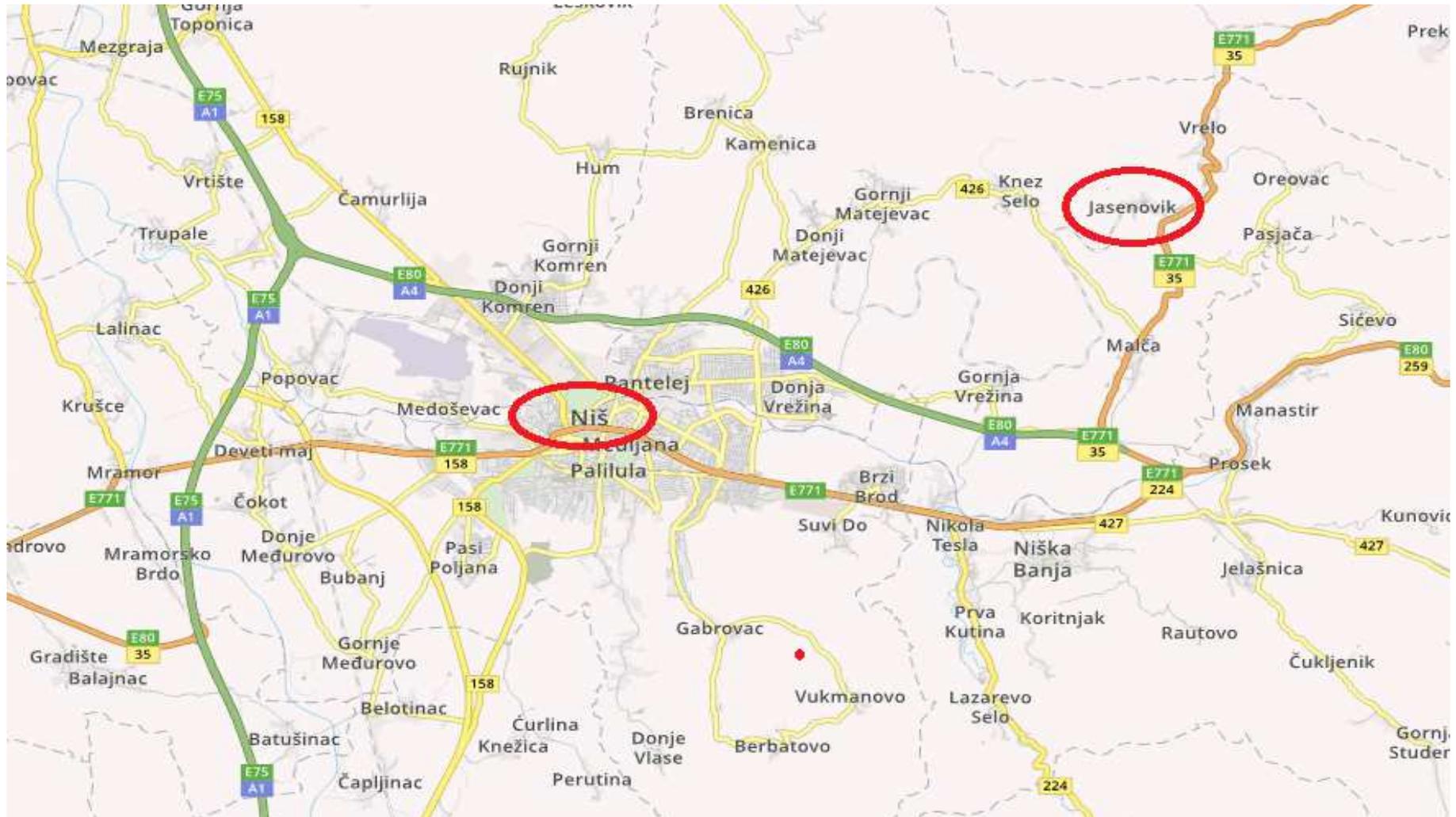
Operational Staff Activities The headquarters of the Emergency Management Directorat in Nis

1. the deputy chief of the SEM in Nis
2. who is also the head of the City SEM,
3. the commander of the Fire and Rescue Unit Niš,
4. the head of the management risk department,
5. the chief of the civil protection department,
6. the PU Niš representative,
7. the emergency medical center chief,
8. a railway representative.

Coordinates the work with

- Police Directorate in Niš – to secure the perimeter, traffic regulation, and secure property of the residents;
- Emergency medical center
- Red Cross
- Nis-ekspres - bus operator
- Regional Center for Education and Gerontology Center - Collective Care;
- Student Center and the Pčelica institution
- Meat industry "Dakom" and "Beefsteak"

WORK OF THE Emergency Management HQ CITY OF NIS JANUARY 2019





Emergency Management HQ CITY OF NIS – evacuation plan

1. The Commander of the HQ held the emergency session
2. Issues the Proposal for evacuation
3. Activated permanent on-call duty
4. Issues an order on the engagement of two Nis-Express buses for the evacuation of Jasenovik residents
5. Issues the Order on Capacity Engagement of the Gerontological Center Nis and the Regional Center for Education, for the reception and accommodation of evacuees.



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- Issues an Order on the engagement of "Pcelica" Nis for the provision and delivery of meals for all persons from the village Jasenovik.
- Issues the Order to the Red Cross and the Center for Social Work, to dispose of the endangered population and to accommodate them
- Issues an Emergency Medical Assistance Order with a sufficient number of teams and cars.
- Issues the Order on the Health Center of Nis, for the medical care of the locals of Jasenovik village.



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- Issues a decree on the engagement of two large vehicles (livestock) from the meat industry "Dakom" and "Beefsteak", for the transport of animals to the animal depot.
- Issues an order on the involvement of 20 workers of "Medijana" Nis, for loading and unloading a livestock fund evacuated to the depot.
- It concludes that the Police Administration in Nis has provided a sufficient number of patrols for the safe execution of evacuations according to the City Emergency Management Plan of the City of Nis.



Activities of Fire and Rescue Unit Nis

- To the place of the event (January 19 - January 31, 2019)
- Installing a fire extinguishing line "B" in the length of 300m.
- Formation of the sector of work:
Work with isolation departments for protection against hazardous substances;
Ammonia and water vapor concentration measurement;
Spare power, security and replacement of equipment.
- Formation of the isolation zone at the site of the expected initial outflow, radius 30m and installation of an auxiliary train – cranes
- Training of railway workers for the use of insulating appliances
- Formation of the isolation zone in all directions from the occurrence of large radiating radius of 300m.
- Distribution of firefighters and rescue vehicles, equipment for handling dangerous goods and spare parts.
- Organizing continuous on-air ammonia flow.





Fire and Rescue Unit Nis





Engaged forces and resources:

- Gradski štab za VS Grada Niša..(18)
- SOT.....(10)
- Operativni štab.....(8)
- UVS u Nišu.....(33)
- PU Niš.....(14)
- HMP.....(9)
- Crveni krst.....(18)
- JKP Medijana.....(27)
- JKP Naissus.....(4)
- Niš-ekspres.....(6)
- Dakom,.....(4)
- Biftek.....(4)
- Studentski centar.....(4)
- 5 putnička automobila
- 3 terenska vozila
- 10 specijalnih vozila
- 7 patrolnih vozila
- 3 sanitetska vozila
- 2 putnička automobila
- 4 autobusa i 3 kombija
- 4 kamiona stočara
- 1 dostavno vozilo za hranu



Implementation of civil protection measures - evacuation and disposal:





Number of evacuated people:

People:

Evacuated **339**;

There were 95 people in
collective centers;

244 people were cared for
by relatives and friends.

Animals:

Evacuated:

- 45 sheep;
- 21 pigs;
- 7 cows.



Positive experiences

- Justification and functionality of the formation and organization of the Operational Staff.
- Consistent and timely reporting of orders and requests of the Operational Staff;
- Coordination and synchronization of the work of all participants by the Operational Staff;
- Timely and real-time reporting and notification of the Operational Center 112 by the Operational Staff;
- Timely preparation and informing of the population about the activities and procedures for conducting the evacuation and disposal, by the representatives of Pantelejš;
- Good cooperation and co-operation between the inhabitants of Jasenovik village and the Operational Staff was achieved.



EXPERIENCES

- Insufficient knowledge of jurisdictions and procedures by the competent services of the RAILWAY
- Center for Security Nis Lack of the Accident Protection Plan for the storage and transport of dangerous goods.





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Thank for your attention

