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ECONOMIC COMMISSION FOR EUROPE

**CONFERENCE OF THE PARTIES
TO THE CONVENTION ON THE TRANSBOUNDARY
EFFECTS OF INDUSTRIAL ACCIDENTS**

**MEETING OF THE PARTIES
TO THE CONVENTION ON THE PROTECTION AND
USE OF TRANSBOUNDARY WATERCOURSES AND
INTERNATIONAL LAKES**

**INDUSTRIAL SAFETY AND WATER PROTECTION
IN TRANSBOUNDARY RIVER BASINS**

INTERNATIONAL WORKSHOP AND EXERCISE

(Tiszaújváros, Hungary 3-5 October 2001)

Provisional programme

Introduction

1. This document sets out the provisional programme for the International Workshop and Exercise on Industrial Safety and Water Protection in Transboundary River Basins and logistical details concerning the venue, participation, and accommodation.
2. Background information was contained in an earlier document – a note by the delegation of Hungary and the Conventions' secretariats (CP.TEIA/2001/4 – MP.WAT/WG.1/2001/2).

Objectives of the workshop and exercise

3. The key objectives of the workshop and exercise are to:
- (a) Review the national and international regulations on prevention, preparedness and response to industrial accidents involving hazardous substances;
 - (b) Provide a forum for the exchange of experience in introducing and implementing preparedness and response measures;
 - (c) Provide a forum for the exchange of experience regarding civil defence organizations at local level;
 - (d) Demonstrate the role of civil defence organizations in emergencies;
 - (e) Demonstrate response systems and procedures for eliminating the consequences of major accidents involving hazardous substances and accidental water pollution.

Dates and venue

4. The workshop and exercise will take place from 3 to 5 October 2001 in Tiszaújváros (Hungary), located in the Tisza river basin, at the invitation of the Government of Hungary. They are organized under the auspices of the Conference of the Parties to the UN/ECE Convention on the Transboundary Effects of Industrial Accidents and the Meeting of the Parties to the UN/ECE Convention on the Protection and Use of Transboundary Watercourses and International Lakes.
5. The workshop will be held at the:
- Derkovits Cultural Centre
3580 Tiszaújváros
Széchenyi u. 2. Pf.: 69
6. The two exercises will take place on 4 October: (i) at the Tisza Chemical Works Co. Ltd. in Tiszaújváros; and (ii) on the premises of the Aquatic Sport Club ("Power Station" housing estate), along the Tisza.
7. The workshop and exercise will be organized by the National Directorate General for Disaster Management, the Chemical Plant of the Tisza Chemical Works Co. Ltd., and the local Defence Committee of Tiszaújváros, under the auspices of the Hungarian Ministries of the Interior, Environment, Economic Affairs, and Transport and Water Management. They will be sponsored by leading Hungarian chemical and oil companies.

Programme of the workshop and exercise

8. The provisional programme for the workshop and exercise is set out in annex I to this information notice. The concept of the exercises is briefly described in annex II.

Working languages

9. The workshop will be conducted in English, Russian and Hungarian.

Registration of participants

10. Each participant should complete a registration form (see annex III) and return it to the following address **not later than 31 August 2001**:

Mr. Lajos Kátai-Urbán
National Directorate General for Disaster Management
National Centre for the Industrial Accidents
1149 Budapest
Mogyoródi St. 43
Hungary
Tel: +361-469-4281
Fax: +361-469-4287
E-mail: ibnk@bm.gov.hu

11. At the same time a copy of the registration form should be sent to:

Ms. Evelina Rioukhina
United Nations Economic Commission for Europe
Environment and Human Settlements Division
Palais des Nations
CH-1211 Geneva 10
Switzerland
Tel: +41 22-917-1499
Fax: +41 22-907-0107
E-mail: evelina.rioukhina@unece.org

Arrival of participants, transport and hotel accommodation

12. Participants arriving at Budapest International Airport on Tuesday, 2 October 2001 will be transferred to Tiszadány by bus. Transport back to the airport will also be provided on Friday, 5 October 2001. The cost of this transfer is US\$ 60.

13. Accommodation in Tiszaújváros will be reserved by the organizers for registered participants from Tuesday, 2 October, to Friday, 5 October, at:

Hotel Phoenix***
 3580 Tiszaújváros
 Bethlen Gábor u. 4/4
 Tel: +36 49 341 511
 Fax: +36 49 341 952

14. The cost of accommodation (three nights) with full board, including a trip to a wine cellar in the village of Szegi, Tokaj region, on Thursday, 4 October, is US\$ 240.

15. Participants will be requested to pay the equivalent of US\$ 240 for accommodation and US\$ 60 for the bus transfer from and to the airport (total US\$ 300), in any convertible currency, at the registration desk upon arrival at Tiszaújváros. Those arriving by their own means of transport will be requested to pay US\$ 240 for accommodation only.

16. Participants wishing to extend their stay after the workshop and exercise in Budapest may wish to take advantage of the special rates that have been negotiated by the organizers at the following hotels. Participants are responsible for making their own bookings for their extended stay in Budapest. When doing so, they should mention the workshop.

	Hotel	Address	Price incl. breakfast/night
1.	Platanus***	1087 Budapest Könyves K. krt. 44. Tel: +361 333 6505 Fax: +361 210 4386 http://w3.hunguesthotels.hu/	Single room: € 40 Double room: € 53
2.	Pannonia Hotels Rt IBISBudapest Volga***	1134 Budapest Dózsa György út 65 Tel: +361 329 0200 Fax: +361 320-9846 or 340 8316 http://www.ibis-volga.hu/	Single room: € 71.12 Double room: € 77.31
3.	Liget***	1068 Budapest Dózsa György út 106 Tel.: +361 269 5300 Fax: +361 269 5329 http://www.liget.hu/	Single room: € 70 Double room: € 90

Visas

17. Participants are responsible for obtaining a visa, if required. Further information can be obtained from the nearest diplomatic representative of the Government of Hungary.

Annex I

PROVISIONAL PROGRAMME OF THE WORKSHOP AND EXERCISE

Tuesday, 2 October

Arrival of participants

20.00–23.00 Cocktails and welcome dinner

Wednesday, 3 October

8.00–9.00 Registration of participants

9.00–9.30 Opening - welcome addresses and introduction to the workshop and exercise

- *Mr. Gyorgy Bakondi, Director General of the National Directorate General for Disaster Management, Hungary – Chairman of the Workshop*
- *Representative of the United Nations Economic Commission for Europe*
- *Mr. Zoltan Farkas, Mayor of Tiszaújváros*
- *Mr. József Molnár, General Manager, Tisza Chemical Works Co. Ltd., Hungary*

9.30–12.30 Session 1 - Transposition of the provisions of international regulations into national law – status of implementation

Objective: Share experience related to the implementation of the UN/ECE Conventions on the Transboundary Effects of Industrial Accidents (Industrial Accidents Convention) and on the Protection and Use of Transboundary Watercourses and International Lakes (Water Convention) and of the European Union's Council Directive 96/82/EC ("Seveso II" Directive) on the control of major-accident hazards involving dangerous substances

Chairman: Mr. Attila Tatár, Deputy Director General, National Directorate General for Disaster Management, Hungary

Rapporteur: to be appointed

- 9.30–10.00 UN/ECE Conventions as advanced tools for transboundary cooperation – status of ratification and implementation of the UN/ECE Convention on the Transboundary Effects of Industrial Accidents

Mr. Sergiusz Ludwiczak, Secretary of the UN/ECE Industrial Accidents Convention, Economic Commission for Europe

- 10.00–10.30 The European Union's Council Directive 96/82/EC ("Seveso II" Directive) on the control of major-accident hazards involving dangerous substances

Mr. Jürgen Wettig, Principal Administrator, European Commission

- 10.30-11.00 Implementation of the UN/ECE Convention on the Protection and Use of Transboundary Watercourses and International Lakes

Mr. Rainer Enderlein, Secretary of the UN/ECE Water Convention, Economic Commission for Europe

- 11.00-11.30 Coffee break

- 11.30-12.00 Hungarian experience in implementing the UN/ECE Industrial Accidents and Water Conventions and in transposing the "Seveso II" Directive

Mr. Pál Popelyák, Director of the National Centre for Industrial Accidents, National Directorate General for Disaster Management, Hungary

- 12.00-12.30 Bilateral transboundary cooperation as an instrument for implementing the Industrial Accidents Convention – the German experience

Mr. Lutz Dinkloh, Head of Division of Safety of Industrial Installations and Transport of Dangerous Goods, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Germany

- 12.30-14.00 Lunch

- 14.00-17.30 Session 2 – Measures for preventing industrial accidents involving hazardous substances**

Objective: Share experience on the role of national authorities, joint bodies (e.g. international river commissions) and industry in measures for preventing industrial accidents, with special emphasis on the establishment of a safety management system and the implementation of safety measures

*Chairman: Mr. Ernst Berger, Head of Section on Safety of Installations,
Agency for the Environment, Forests and Landscape, Switzerland*

Rapporteur: to be appointed

14.00-14.30 Experience in establishing and enforcing a safety policy at national level

Mr. Michael Lindstedt, Swedish Rescue Services Agency

14.30-15.00 Experience with safety management systems (policy and implementation) at a hazardous industrial facility

Mr. László Vigh, Head of Division for Plant Safety, Tisza Chemical Works Co. Ltd., Hungary

15.00-15.30 Russian experience in preventing accidental water pollution

Mr. J. J. Parinov, Ministry of Natural Resources, Russian Federation

15.30-16.00 Coffee break

16.00-16.30 Early-warning monitoring: a simulation model and its application in the Danube basin

Mr. Flip Huijser, Institute for Inland Water Management and Waste Water Treatment, Netherlands

16.30-17.00 An example of a methodology for rapid environment and health risk assessment of current and past industrial activities

Mr. Roger Aertgeerts, Regional Adviser, World Health Organization's Regional Office for Europe

17.00-17.30 Awareness and Preparedness for Emergencies at the Local Level (APELL) of the United Nations Environment Programme (UNEP) - a model for transboundary disaster prevention, preparedness and mitigation strategies

*Mr. Ernst Goldschmitt, Senior Industry Consultant,
UNEP/APELL Programme*

17.30-18.00 Introduction to the exercises

Mr. Lajos Kátai-Urbán, National Centre for Industrial Accidents, National Directorate General for Disaster Management, Hungary

19.00-23.00 Dinner

Thursday, 4 October

9.00-10.30 Session 3 – Measures for preparing for and responding to industrial accidents involving hazardous substances

Objective: Share experience on the role of national authorities, joint bodies (e.g. international river commissions) and industry in measures for preparing for and responding to industrial accidents, with special emphasis on the establishment of on- and off-site emergency plans, both in the national and transboundary contexts and on the information of the public

Chairman: Mr. Ryszard Grosset, Deputy Chief Commander of the State Fire Service, Deputy Chief of the National Civil Defence, Poland

Rapporteur: to be appointed

9.00-9.30 Experience in drawing-up and maintaining on-site emergency plans

Mr. Rolf Haselhorst, BASF A.G., Germany

9.30-10.00 Experience in drawing up off-site emergency plans, involvement of the public

*Mr. Ernst Berger, Head of Section on Safety of Installations,
Agency for the Environment, Forests and Landscape, Switzerland*

10.00-10.30 Experience in setting up warning and alarm systems in transboundary catchment areas

*Mr. Jiri Balej, Chairman of the Working Group on Accidental Water Pollution of
the International Commission for the Protection of the Elbe, Czech Republic*

10.30-11.00 Transfer to the Tisza Chemical Works Co. Ltd., the site of exercise 1

11.00-12.30 Exercise 1 - Chemical hazard

12.30-13.00 Transfer to the hotel for lunch

13.00-14.30 Lunch

14.30-15.00 Transfer to the Aquatic Sport Club ("Power Station" housing estate), the site of exercise 2

15.00-16.00 Exercise 2 - Water hazard

16.00-17.30 Exhibition and press conference

17.30-18.00 Transfer to the hotel

19.00-24.00 Evening visit to a wine cellar in the village of Szegi (Tokaj region)

Friday, 5 October

8.30-10.00 Session 3 – continued

8.30-9.00 Transboundary disaster preparedness – an example of cooperation between Belgium, Germany and the Netherlands

Mr. H. Dieter Nuessler, Chief, Fire Brigade, Aachen, Germany

9.00-9.30 United Nations mechanisms for responding to natural disasters and environmental emergencies

Mr. Vladimir Sakharov, Chief, Environmental Emergencies Section (UNEP/OCHA), Emergency Services Branch, Office for the Coordination of Humanitarian Affairs (OCHA)

9.30-10.00 Case study – Accidental cyanide spill and pollution of the Tisza River

Mr. János Gönczy, Commissioner, Commission of the Government on the Tisza and Szamos Rivers, Hungary

10.00-10.30 Coffee break

10.30-12.00 Conclusions and recommendations

10.30-11.30 Round-table discussion on the results of the workshop and exercise

Panel: Chairman of the Workshop, Chairmen and rapporteurs of the three sessions and leaders of exercises

11.30-12.00 Adoption of conclusions and recommendations and closing of the workshop

12.30-13.30 Lunch

13.30 Departure for Budapest.

Annex II

CONCEPT OF THE EXERCISES

1. Two field exercises are planned on the second day of the workshop at locations near the town of Tiszaújváros.
2. The following organizations will participate in the exercises:
 - Northern Hungarian Directorate for Water Management;
 - Directorate for Disaster Management of the county of Borsod-Abaúj-Zemplén;
 - Inspectorate for Environmental Protection of the county of Borsod-Abaúj-Zemplén;
 - National Ambulance Service (Tiszaújváros, Miskolc);
 - Local Defence Committee of Tiszaújváros;
 - Civil Defence Office and Organizations of Tiszaújváros;
 - Professional Fire Brigade of the Local Government of Tiszaújváros;
 - State Public Health and Medical Officers, Service of Tiszaújváros;
 - Central Police Station of the city of Tiszaújváros;
 - River Police of Tiszaújváros;
 - Special Reconnaissance and Rescue Group of the city of Miskolc;
 - "Fire Fighting and Technical Rescue" Ltd., Tisza Chemical Works Co. Ltd.;
 - "AES II. Tisza" Heat Power Station;
 - ÉMÁSZ (power supplier) Ltd. (Tiszaújváros);
 - Air Rescue Service;
 - Representatives of civil defence platoons of secondary schools.

Exercise 1

3. Location: Tisza Chemical Works Co. Ltd., Tiszaújváros - Borsod County
4. Accident scenario:

There is a leak on the entering stub of the C4-C5 raw material evaporating heat-treating fraction at the 16th level of the decomposing furnace of the Olefin Plant of the Tisza Chemical Works Co. Ltd. which leads to a gas explosion and a fire. Four persons are seriously injured. The Major Accident Management Centre of the site raise the alarm and notify the company's fire-fighting and technical rescue groups. As part of the exercise, company employees and the local population are warned. The Major Accident Management Centre starts its operation. Besides the fire-fighting and technical hazard

elimination, the company's fire-fighting and technical rescue groups and disaster management professionals take continuous measurements on- and off-site. The injured receive first aid. Safety technology experts begin to close the hazardous pipe structures of the installation. Professional fire-fighters arrive. The surrounding installations are sealed off to avoid any domino effect. The injured are transferred. The cause of accident is identified and decontamination measures are taken.

5. Main elements of the exercise:

- (a) Management of the response to an accident that occurred due to an explosion in a hazardous establishment;
- (b) Hazard elimination;
- (c) Technical rescue;
- (d) Provision of medical assistance to injured persons;
- (e) On-site test of the relevant siren and communication systems.

Exercise 2

6. Location: the premises of the Aquatic Sports Club ("Power Station" housing estate), Tiszaújváros

7. Accident scenario:

A lorry carrying barrels of fuel oil overturns into the Tisza river together with its cargo at the pontoon bridge of Tiszadob. The water protection service, the "AES II: Tisza" Heat Power Station and local civil defence organizations clean up the river together. The Inspectorate for Environmental Protection of the county takes environmental measurements.

8. Main elements of the exercise:

- (a) Accidental water pollution, identification of pollutant;
- (b) Localization of pollutant;
- (c) Neutralisation of the pollutant;
- (d) Clean-up.



Annex III
UNITED NATIONS
ECONOMIC COMMISSION FOR EUROPE

Registration form for the International workshop and exercise on “Industrial Safety and Water Protection in Transboundary River Basins”

Each participant should complete this form in duplicate and send one copy to each of the addresses below as soon as possible, but **no later than 31 August 2001**:

Mrs. Evelina Rioukhina

Environment and Human Settlements Division
UN Economic Commission for Europe
Palais des Nations, 8-14, avenue de la Paix
Tel: +41 22-917 1499
Fax: +41 22-907 0107
e-mail: evelina.rioukhina@unece.org

Mr. Lajos Kátai-Urbán

National Centre for Industrial Accidents
Tel: +361-469-4281,
Fax: +361-469-4287
E-mail: ibnk@bm.gov.hu

Mr. ☐

Ms. ☐

Surname:

First Name:

Country or international organization which you will represent at the meeting:

Your professional address:

Tel:

Fax:

E-mail:

Date and time of arrival in Budapest (flight No.)

Date and time of departure from Budapest (flight No.)

Preferred language:

English

☐

Russian

☐

Date:

Signed: