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ECONOMIC COMMISSION FOR EUROPE

COMMITTEE ON SUSTAINABLE ENERGY

Working Party On Gas

Ad Hoc Group of Experts on the Supply and Use of Gas

Fourth session, 23 January 2003

**REPORT**

1. The fourth session of the Ad Hoc Group of Experts on the Supply and Use of Gas was attended by the representatives of the following countries: Czech Republic, Estonia, Hungary, Italy, Netherlands, Poland, Romania, Russian Federation, Slovenia, Spain, Turkey, Ukraine and Yugoslavia.
2. In the absence of both the Chairman of the Group, Mr. Ante ZEDELJ (Croatia) and Vice-Chairperman Mrs. Maria Teresa SÃO PEDRO (Portugal), the secretariat ran the meeting.
3. The Group of Experts adopted its agenda (ENERGY/WP.3/GE.5/2003/1) (Agenda item 1).
4. The Group of Experts took note of the decisions of the thirteenth session of the Working Party on Gas (ENERGY/WP.3/2003/2) (Agenda item 2).

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**I. Technological and ecological norms, required for the design and operation of gas distribution networks (ENERGY/WP.3/GE.5/2000/6 and Add.1 and ENERGY/WP.3/GE.5/2003/3 ) (Agenda item 3)**

**5. Decisions:**

- (a) To approve the draft consolidated report prepared by the rapporteur from the Russian Federation;
- (b) To include in the report the contribution from Slovenia and to give the report general release;
- (c) To thank the rapporteur from the Russian Federation (Mr. I. Tverskoy, Promgaz) for the preparation of an excellent report;
- (d) To invite delegations to widely disseminate the report among interested national organizations;
- (e) To request the secretariat to send the report to the International Gas Union (IGU);
- (f) To update the study in two years' time.

**II. Existing standards and regulations on permissible concentrations of harmful components in gaseous fuels and gaseous fuels combustion products (ENERGY/WP.3/GE.5/2000/7 and Add 1 and ENERGY/WP.3/GE.5/2003/4.) (Agenda item 4)**

**6. Decisions:**

- (a) To approve the draft consolidated report prepared by the rapporteur from Poland;
- (b) To include in the report the contribution from Slovenia and to give the report general release;
- (c) To thank the rapporteur from Poland (Mrs. K. Steczko, Institute for Oil and Gas Mining) for the preparation of an excellent report;
- (d) To invite delegations to widely disseminate the report as a good reference document, among interested national and international organizations;
- (e) To request the secretariat to make the report available to other international organizations;
- (f) To update the study in two or three years' time.

**III. Use of horizontal wells in underground gas storage (ENERGY/WP.3/GE.5/2000/8) (Agenda item 5).**

7. Decisions:

(a) To invite Mr. T. Korosi, rapporteur from Hungary, to prepare a presentation on this topic at the next session of the Ad Hoc Group of Experts;

(b) To decide on the future work on this subject at the next session.

**IV. Gas networks balancing (ENERGY/WP.3/GE.5/2003/5)** (Agenda item 6)

8. Decisions:

(a) To invite Mr. S. Bogoly, rapporteur from Hungary, to prepare a revised version of the draft questionnaire, by 1 May 2003;

(b) To request the secretariat to send the draft questionnaire to governments, for their comments.

**V. Existing standards for CNG fuelling stations** (Agenda item 7)

9. Decisions:

(a) To invite Mrs. Maria Teresa Sao Pedro, rapporteur from Portugal, to prepare a project proposal and a draft questionnaire on this topic, by 1 May 2003;

(c) To request the secretariat to send the draft questionnaire to governments, for their comments.

**VI. Programme of work** (Agenda item 8).

10. Decisions:

(a) To invite Mr. N. Riley, United Kingdom, to make presentations at the next session on the “Transport and storage of hydrogen” and “Economics of synthetic natural gas manufacture from lignite – an experience from N. Dakota, USA”

(b) To approve the programme of work of the Ad Hoc Group of Experts, as reproduced in the Annex.

**VII. Other business** (Agenda item 9)

11. Decisions:

(a) To thank Mr. Roy Bilbé, Director of Research and Development, “Gasunie Research”, Netherlands, for the excellent presentation he made on “Application of new techniques and technologies in the diagnostics of gas transmission lines”;

(b) To express many thanks and gratitude to Mr. Danilo Skerbinek, delegate from Slovenia, for his longstanding contribution to the work of the Ad Hoc Group of Experts on the

Supply and Use of Gas and former Group of Experts on Transport and Storage of Gas, and to wish him a happy retirement.

**VIII. Election of Officers** (Agenda item 10)

12. Mr. Ante ZEDELJ (Croatia) was re-elected as Chairman and Mrs. Maria Teresa SÃO PEDRO (Portugal), Mr. Andrzej FRONSKI (Poland) and Mr. Alexander KARASEVICH (Russian Federation) were elected Vice-Chairpersons for the next session.

**IX. Date of next session** (Agenda item 11)

13. The fifth session of the Ad Hoc Group of Experts will be held in Geneva, on Thursday, 22 January 2004.

**X. Adoption of the report** (Agenda item 12)

14. The Ad Hoc Group of Experts adopted its report on 23 January 2003.

## ANNEX

## PROGRAMME OF WORK 2003-2004

06.5.6 GAS TRANSPORTATION SYSTEMS, STORAGE AND RATIONAL USE OF GAS(continuing)06.5.6.1 Construction, management and maintenance of gas transportation systems: diagnostics of gas transmission lines (1996-2004)

Description: Study of various methods and techniques applied in the diagnostics of high-pressure gas pipelines in different countries.

Work to be undertaken: To decide on the future work on this topic at the next session.

06.5.6.2 Methods for detection of gas leakages during extraction, transportation, distribution and storage of natural gas (1994-2004)

Description: Study of various aspects related to gas leakages and methods of their detection.

Work to be undertaken: To launch an update of this topic at the next session.

06.5.6.3 Use of horizontal wells in underground gas storage (2000-2004)

Description: Review and analysis of methods and techniques used in drilling and operation of horizontal wells in underground gas storage.

Work to be undertaken: Rapporteur from Hungary will make a presentation on this topic at the next session.

06.5.6.4 Technical and ecological norms required for the design, construction and operation of local gas distribution systems, including household gas installations (1999-2004)

Description: To review existing norms, standards and techniques related to the design, construction and operation of gas distribution networks and household gas appliances.

Work to be undertaken: To update this topic in two years' time.

06.5.6.5 Existing standards and regulations on permissible concentrations of harmful components in gaseous fuels and gaseous fuels combustion products (1999-2004)

Description: To review and study standards and regulations applied in countries.

Work to be undertaken: To update this topic in two or three years' time.

06.5.6.6      Gas networks balancing (2002-2004)

Description:    Exchange of experience in balancing of gas transportation networks as an instrument to enhance security of gas supply.

Work to be undertaken:      Review of the revised draft questionnaire to be prepared by the rapporteur from Hungary.

06.5.6.7      Existing standards for CNG filling stations (2002-2004)

Description:    To compile an inventory of existing standards (national and international) on the compressed natural gas filling stations.

Work to be undertaken:      Review of the draft questionnaire to be prepared by the rapporteur from Portugal.

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