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International Atomic Energy Agency

GENERAL CONFERENCE

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Thirty-fifth regular session

SPECIAL SCIENTIFIC PROGRAMME
AND
PROGRAMME FOR NUCLEAR SAFETY AND
RADIATION PROTECTION REGULATORS

For the information of delegates, copies of the Special Scientific Programme and the Programme for Nuclear Safety and Radiation Protection Regulators are attached.

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35TH IAEA GENERAL CONFERENCE

SPECIAL SCIENTIFIC PROGRAMME

17-18 September 1991

Gartensaal, Neue Hofburg

Scientific Secretaries:

Session Ia: L. Bennett

Session Ib: L. Lederman

Session II: A.J. González

Session III: L. Bennett

Scientific Co-ordinator:

A. Karbassioun

Russian/English Interpretation will be provided.

SESSION 1

NUCLEAR POWER IN CENTRAL AND EASTERN EUROPE

9:30 Opening

Session 1a: Status and Prospects (Chairman: Mr. B. Barré, France)

Focus: To provide an overview on the status and outlook of nuclear power programmes in Central and Eastern Europe.

9:40 - 9:55 Mr. R. Ovtcharov, Bulgaria
9:55 - 10:10 Mr. K. Wagner, CSFR
10:10 - 10:25 Ms. I. Czoch and Mr. L. Czibolya, Hungary
10:25 - 10:35 Mr. R. Luczkiewicz, Poland
10:35 - 10:45 Mr. S.A. Olariu, Romania
10:45 - 11:00 Mr. A.L. Lapshin, USSR

11:00 - 11:50 Discussion
11:50 - 12:00 Concluding remarks by the Chairman.

12:00 - 14:00 Lunch Break

Session 1b: Safety Aspects (Chairman Mr. A. Palmgren, Finland)

Focus: To provide an overview on the safety aspects of major reactor types (WWER-440 model 213, WWER-440 model 230 and WWER-1000) operating in Central and Eastern Europe.

14:00 - 14:25 Main Findings of the IAEA Project on Safety of WWER-440 model 230 Reactors, L. Lederman, IAEA
14:25 - 14:50 Safety of WWER-440 model 213 Reactors, Mr. I. Rajman, CSFR
14:50 - 15:15 Safety of WWER-1000 Reactors, Mr. A.L. Lapshin, USSR
15:15 - 15:40 Political Conflict and NPP Safety, Mr. M. Gregoric, Yugoslavia

15:50 - 17:00 Panel on Co-operation with Central and Eastern European Countries - With participation of Lord Marshall (WANO), CEC, Mr. Y. Yanev, (Bulgaria), and Mr. M. Rosen (IAEA)

SESSION II

**IMPLICATIONS OF THE 1990 RECOMMENDATIONS OF THE
INTERNATIONAL COMMISSION ON RADIOLOGICAL PROTECTION (ICRP)**

(Chairman: K.P. Duncan, UK)

- Focus: On the implications of the 1990 ICRP recommendations on nuclear power plants, the mining industry, the medical uses of radiation and radio-pharmaceuticals and on the related non-nuclear-power industry
- 9:00 - 9:30 The 1990 ICRP Recommendations, Mr. D. Beninson, ICRP
9:30 -10:00 The Implication of the ICRP Recommendations for Nuclear Power Plants, Mr. R. Hock, Germany
10:00 -10:30 The Implication of the ICRP Recommendations for the Mining Industry, Mr. R.M. Frey, Australia
10:30 -11:00 The Implication of the ICRP Recommendations for the Medical uses of radiation and Radio-pharmaceuticals, Ms. P.J. Roberts, UK
11:00 -11:30 The Implication of the ICRP Recommendations for the related non-nuclear-power industry, Mr. R.E. Cunningham, USA
11:30 -11:50 General Discussion
11:50 -12:00 Concluding remarks by the Chairman
12:00 - 14:00 Lunch Break

SESSION III

**MAIN FINDINGS AND CONCLUSIONS OF THE HELSINKI SENIOR EXPERT SYMPOSIUM ON
ELECTRICITY AND THE ENVIRONMENT**

(Chairman, Mr. B.A. Semenov, IAEA)

- Focus: To provide an overview of the principal findings and conclusions of the Symposium in relation to nuclear power's role in environmental issues, Agency's programme of work, continued co-operation with other organizations, and the United Nation Conference on Environment and Development.

- 14:00 -14:30 Findings and Conclusions of the Symposium,
Mr. B.A. Semenov (IAEA)

The Symposium and follow-up activities:

- 14:30 -14:40 CEC
14:40 -14:50 Mr. S. Garribba, IEA
14:50 -15:00 Mr. G. Stevens, NEA/OECD
15:00 -15:10 Mr. G.A. Mackenzie, UNEP
15:10 -15:20 Mr. F.H. Hammad, Egypt
15:20 -15:30 Ms. E. Müller, Germany
15:30 -15:40 Mr. S. Suehiro, Japan
15:40 -15:50 Mr. J. Geidl, USA
15:50 -16:50 Discussion
16:50 -17:00 Concluding remarks by the Chairman

35TH IAEA GENERAL CONFERENCE

PROGRAMME FOR NUCLEAR SAFETY
AND RADIATION PROTECTION REGULATORS

Thursday, 19 September 1991

Gartensaal, Neue Hofburg

AN INTERNATIONAL PRESENCE FOR NUCLEAR SAFETY AND RADIATION PROTECTION

CLOSED SESSION

Russian/English Interpretation will be provided.

SESSION 1

ELEMENTS FOR AN INTERNATIONAL PRESENCE

(Chairman: M. Rosen, IAEA)

Item 1 Report on IAEA Activities of Particular Interest

- 9:30 - 9:50 IAEA Safety Services (ASSET, OSART)
9:50 -10:10 IAEA Safety Standards
10:10-10:20 The Chernobyl Centre for International Research
10:20-10:40 The International Chernobyl Project

10:40-11:00 Coffee Break

Item 2 Implications of the 1990 ICRP (International Commission on Radiological Protection) Recommendations for Regulatory Bodies

- 11:00-11:30 Implications of the 1990 ICRP Recommendations for Regulatory Bodies

11:30-12:00 Discussion

---- LUNCH BREAK ----

SESSION 2

EVOLUTION OF NUCLEAR SAFETY REGULATORY APPROACHES IN EUROPE

(Chairman: L. Hogberg, Sweden)

- Focus: Co-operative activities of national regulatory bodies in Europe: Regulatory developments in Eastern Europe, in particular, national regulatory responses to the IAEA WWER 440 model 230 Nuclear Safety Project.
- 14:00-15:10 Panel Discussion: With participation of representatives from Bulgaria, CSFR, Hungary, USSR and CEC
- 15:10-15:30 Coffee Break

SESSION 3

INTERNATIONAL PRESENCE FOR NUCLEAR SAFETY AND RADIATION PROTECTION: THE IAEA'S ROLE

(Chairman: E.A. Ryder, UK)

- Focus: The IAEA's role for strengthening an international presence in nuclear safety and radiation protection matters.
- 15:30-16:40 Panel Discussion: With participation of representatives from China, France, Ireland, Italy, Mexico, Netherlands and USA

