

Michael,

This is probably my last message to you  
as a Secretariat member -

Russian Academy of Sciences

Ministry of Russian Federation on the atomic energy

Federal Service of Russia on the Hydro-Meteorology and environmental  
monitoring

This conference will take place in Moscow  
next April and it would be good if the  
Federation can present a paper  
within the Section 4.  
If you want to discuss further, please  
call.

International Conference

## Radioactivity after nuclear explosions and accidents

First Announcement

WE SHOULD GO; PRIMARILY TO PUSH PREPAREDNESS  
ANGLE. IF POLITICAL NOT  
OPS OR FUNDRAISING.

Moscow

April 24-26, 2000

The Conference will take place around the 14th anniversary of the Chernobyl  
accident

Institute of Global Climate and Ecology

Kurchatov Institute

Institute of Biophysics

Russian Institute of agricultural radiology and agroecology

TOMÉ SUÑER

C.C. - FERRER (MODERAD)

- MOD FERRER

F.Y.I. 7

What to do?

This

J 29.01.00

NOT,  
FAX → NEW MOD  
→ SOURCE MOD

CAN YOU  
COVER!?

Ths.  
J 01.00

### International Organising Committee

#### Chairmen :

Yu. Izrael, academician, prof., Russia

V. Mikhailov, academician, prof., Russia

#### Members:

R. Alexakhin, prof., Russia

N. Basov, academician, prof., Russia

S. Belyaev, academician, prof., Russia

A. Bouville, dr., USA

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Yu. Cheronin, prof., Kazakhstan

G. Desmet, dr., Belgium

M. Goldman, prof., USA

L. Ilyin, prof., Russia

R. Kirchmann, prof., Belgium

V. Kotlyakov, academician, prof., Russia

E. Kvasnitskaya, dr., Russia, Scientific Secretary of the Organising Committee

I. Matveenko, dr., Belarus

P. Pellerin, prof., France

Yu. Tsatlov, dr., Russia

I. Vishniewski, prof., Ukraine

Sir F. Winter, prof., UK

### National Organising Committee

#### Chairmen:

Yu. Izrael, academician, prof.

V. Mikhailov, academician, prof.

#### Members

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Yu. Anolov, dr.

N. Basov, academician, prof.

S. Belyaev, academician, prof.

L. Ilyin, prof.

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E. Kvasnitskaya, dr., Scientific Secretary of the Organising Committee

A. Matushchenko, prof.

I. Nazarov, prof.

V. Petrov, prof.

V. Sedukhin, dr.

E. Stukin, dr.

Yu. Tsatlov, dr.

S. Vakulchuk, dr.

N. Zaitzev, dr.

### **Conference scope**

Different types of radioactive contamination of the environment after nuclear explosions and accidents will be discussed at the Conference, as well various types of radiation effects and their consequences:

- (1) local radioactive contamination at test sites and other localities of nuclear explosions conducting;
- (2) contamination resulted from large-scale nuclear accidents at power reactors (Chernobyl, Windscale, Three-Mile Island);
- (3) radioactive contamination in the regions where nuclear fuel cycle enterprises are situated and radioactivity release took place into the environment (Industrial Complex "Mayak", Handford, Sellafield et al.);
- (4) regional and global contamination after nuclear explosions and large-scale accidents.

### **Conference Schedule Overview**

#### **April 24, 2000**

10.30 13.30. Plenary Session.

Opening of the Conference.

Introductions:

- N. Iverov
- V. Mikhailov

Plenary Presentations:

- Yu. Izrael
- R. Alexakhin
- L. Li Yin
- a reporter is not nominated
- a reporter is not nominated
- a reporter is not nominated

14.30 18.30. Sectional Sessions

#### **April 25, 2000.**

10.00 13.30. Sectional Sessions

14.30 18.30. Sectional Sessions

#### **April 26, 2000**

10.00 12.00. Sectional Sessions

12.30 14.00. Plenary Sessions

## **Conference Topics**

### **Section 1. Radioactive contamination of the environment after nuclear explosions and accidents**

**Chairman of the Section: Yu. Izrael**

- systematisation of the data on the radioactive contamination of the environment and radionuclides migration;
- forming of contamination radionuclide composition after nuclear explosions and accidents of different types (taking into account fractionation);
- characteristic features of radionuclides products distribution; problems of radioactive contamination modelling;
- scientific and methodical background for radiation monitoring in the nowadays.

### **Section 2. Ecological consequences of the radioactive contamination of the environment after nuclear explosions and accidents.**

**Chairman of the Section: R. Alexakhin**

- problems concerning the study of terrain and aquatic ecosystems contaminated after nuclear explosions and accidents;
- problems of radionuclides migration in natural and agricultural ecosystems and attended landscapes;
- problems of radionuclides migration in food chains in the environment and accumulation of radioactive products in living organisms;
- problems concerning the elaboration of decontamination strategies and the system of countermeasures aimed to contaminated areas rehabilitation.

### **Important dates and Deadlines**

February 15, 2000 - *deadline for information about your intention to participate in the Conference, and titles of presentations deadline (Section number must be specified);*

March 10, 2000 - *abstract deadline;*

March 20, 2000 - *distribution of Conference Program and sending of invitations to the participants;*

April 23, 2000 - *arrival and registration of the participants, payment of the registration Fee, submission of presentation complete texts.*

### **Contact Points**

**Organizing Committee Chairman: Yuri Izrael**

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Phone: 7(095) 169 24 30; fax: (095) 160 08 31

E-mail: Yu.izrael@g23.relcom.ru

**Please, prepare abstracts using the following format:**

**Submital form:** use one A4 paper with 2 cm margin top-bottom and sides, Word 6,0, Times New Roman, 12 points in English for the foreign participants.

**Title:** must be typed in capitals, centred.

**Authors' last name first, and initials.**

**Affiliations:** in capitals, centred.

**Text:** must be justified, one-spaced. Paragraphs separated from each other by an empty line.

**Abstracts structure:** introduction with specification of the presentation topic; materials and methods; the main results; discussion.

Information must be marked: "Conference", have Section number, and be sent to the above mentioned address.

Information concerning your intention and abstracts submitted as soon as possible would be highly desirable for successful activity of the Organising Committee.

**Section 3. Dose loads of the population resulted from radioactive contamination of the environment after nuclear explosions and accidents.**

**Chairman of the Section: L.Ilyin**

- problems concerning the forming of internal and external dose rates of the population living on contaminated areas;
- problems of the dose rates of the population retrospective reconstruction and forecast of their forming;
- problems of the geophysical, landscape and social factors influence upon the dose forming;
- results of comparison between estimations of the dose loads of the population taking into account different causes of the effect.

**Section 4. Social aspects of radioactive contamination of the environment after nuclear explosions and accidents.**

**Chairman of the Section: S.Belyaev**

- social consequences of nuclear explosions and accidents;
- problems of risks estimation for the population residing on contaminated areas;
- countermeasures efficiency.

**Registration Fee**

A \$US . 200 Fee is assessed for foreign participants registration, a 300 Roubles Fee is assessed for participants from Russia and the CIS. The Fee is payable at the moment of registration. The Organising Committee reserves its right to release from the Fee some participants, or to reduce their Fee.

**The Conference will take place in Moscow, 32a Leninsky Av., Palace of Science of the Russian Academy of Sciences.**

**The Conference languages are Russian and English.**