INTERNATIONAL CONFERENCE

**"Small-sized Nuclear Power Plants (SNPP) - the Current Direction of the Nuclear Power Development"**

Second announcement

**Organizer:**
Russian Academy of Sciences
(Institute of Nuclear Safety –IBRAE RAN)

**Under support and involvement of:**

International atomic energy agency - IAEA
State Atomic Energy Corporation "Rosatom"
National Research Centre "Kurchatov Institute"
CJSC "Rusatom Overseas"
Russian Foundation for Basic Research (RFBR)

**The venue:**
Presidential Hall of the Main Building of the Presidium of the Russian Academy of Sciences

Address: Russia, Moscow, 32A, Leninsky Prospect, bldg. B, second floor, entrance no. 1

**Timing:**
December 3-5, 2013.

**The purpose of the Conference:**
Assessing the current state and prospects of SNPP, support for international cooperation on the exchange of experiences in the definition of configuration, safety, development and designing environment of nuclear power on the SNPP basis.

**Key themes of the Conference:**
• optimum shape (configuration) of SNPP and nuclear power system based on them;
• the status of current projects;
• the application scope and competitive advantages;
• the risks and challenges to the SNPP development;
• regulatory support;
• nuclear, radiation and environmental safety;
• public-private partnership in the creation of SNPP.

**Conference Program Committee:**

### Chairman – academician Sarkisov A.A.

|  |  |
| --- | --- |
| Adamov E.O. | JSC "Scientific-Research and Design Institute of Power Engineering by N.A. Dollezhal", Head of research  |
| Aliev D.F. | CJSC "Rusatom Overseas", Director General  |
| RAS Corr. Mem. Bolshov L.A.  | Nuclear Safety Institute of the Russian Academy of Sciences – IBRAE RAN, Director |
| Academician Volkov E.P.  | Energy Research Institute by G.M. Krzhizhanovsky, Director General  |
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| RAS Corr. Mem. Dragunov Y.G.  | JSC "Scientific-Research and Design Institute of Power Engineering by N.A. Dollezhal", Director – Chief Designer  |
| RAS Corr. Mem. Dyakov A.F.  | SE "Scientific and Technical Council of the Unified Energy Sysytem", President  |
| Zverev D.L.  | JSC "Experimental Design Bureau of Machine Building by I.I.Africantov", Director – Chief Designer  |
| Ivanov V.B.  | JSC "Hi-tech Research Institute of Inorganic Materials by Academician A.A. Bochvar" (JSC "VNIINM"), Director General  |
| Academician Koroteev A.S.  | Research Center by M.V. Keldysh, Director General  |
| Academician Makarov A.A.  | Energy research Institute of the Russian Academy of Sciences (ERI RAS), RAS Adviser; Member of the RAS Presidium  |
| Academician Mitenkov F.M.  | JSC "Experimental Design Bureau of Machine Building by I.I.Africantov", Director’s Adviser  |
| Academician Nakoryakov V.E.  | Institute of Thermal Physics by S.S.Kutateladze, SB RAS, RAS Adviser  |
| Pershukov V.A.  | State Atomic Energy Corporation "Rosatom", Deputy Director General– Director of Innovation Management Unit  |
| Academician Ponomarev-Stepnoy N.N.  | Nuclear Power Scientific Council of the PEMCP Department, RAS, Chairman  |
| RAS Corr. Mem. Rachkov V.I.  | FSUE "SSC RF - IPPE", Head of research  |
| Ryabev L.D.  | State Atomic Energy Corporation "Rosatom", Adviser for Director General  |
| RAS Corr. Mem. Sidorenko V.A.  | National Research Centre "Kurchatov Institute", Director’s Adviser  |
| Academician Smirnov V.P.  | CJSC RI Physical Module, "Rosatom" SC, Head of research |
| Struev V.P.  | FSUE "Krylovskiy State Scientific Center", Head of the Division – Deputy Director General  |
| Academician Favorsky O.N.  | Department of Power Engineering, Mechanics and Control Processes, Deputy Academician-Secretary, Chief of the "Energy" Section  |
| RAS Corr. Mem. Fedik I.I.  | FSUE "RSC "Luch", Head of research  |
| Academician Filippov G.A.  | JSC EDB "Hydropress", Senior Researcher;Professor, MPEI and TPU  |
| Mr. Jong Kyun Park | International Atomic Energy Agency, the Director of the Nuclear Power Division |

**Conference Steering Committee:**

Chairman – RAS Corr. Mem. Bolshov L.A.

|  |  |
| --- | --- |
| Aronchik V.G.  | CJSC "Rusatom Overseas", Head of Commercial Department |
| RAS Corr. Mem. Voropay N.I.  | ESI SB RAS, Director |
| Zavyalov S.N.  | JSC "Concern Rosenergoatom", Deputy Director General – Director, Subsidiary "Construction and maintaining directorate of floating nuclear power stations" |
| Academician Koroteev A.A.  | MAI Center "New space technology and ground-based high-tech processes", Director  |
| Kuznetsov V.N.  | National Research Centre "Kurchatov Institute", Head of the Executive Department of the Center’s President,Deputy Director of the Physics and Technology Department,Center for Basic Research  |
| Kuznetsov Y.N.  | JSC "Scientific-Research and Design Institute of Power Engineering by N.A. Dollezhal", Division Director  |
| Malyshev S.P.  | FSUE "Krylovskiy State Scientific Center", Head of the Department  |
| Pavlov S.V.  | JSC "State Scientific Center - Research Institute of Atomic Reactors" (SSC "RIAR"), Director  |
| Petrunin V.V.  | JSC "Experimental Design Bureau of Machine Building by I.I.Africantov", First Deputy Director – Deputy Chief Designer  |
| Stepanov V.S.  | JSC EDB "Hydropress", Deputy Director, Chief Designer – Head of the Division  |
| Toshinsky G.I.  | FSUE "SSC RF - IPPE", Advisor for Director General  |
| Uryvsky V.I.  | JSC "Scientific-Research and Design Institute of Power Engineering by N.A. Dollezhal", Deputy Director – Deputy Chief Designer, Chief Designer for Transport Installations  |
| RAS Corr. Mem. Filippov S.P.  | Energy research Institute of the Russian Academy of Sciences (ERI RAS), Director  |

**The countries-participants of the Conference:**
• Russian Federation
• United States of America
• French Republic

• Republic of Indonesia

 *(To be confirmed)*

**Organizations-participants of the Conference:**
• Russian Academy of Sciences
• International Atomic Energy Agency (IAEA)
• State Atomic Energy Corporation "Rosatom"
• FSBSE Institute of Nuclear Safety (IBRAE RAN)
• JSC "Rusatom Overseas"
• National Research Centre "Kurchatov Institute"

• OECD Nuclear Energy Agency

• US Department of Energy

• French Alternative Energies and Atomic Energy Commission (CEA)

• DCNS Civil Nuclear Business Unit

• French Embassy

• National Nuclear Energy Agency of the Republic of Indonesia

• JSC "Concern Rosenergoatom"

• JSC "N.A. Dollezhal Research and Development Institute of Power Engineering"

• JSC "**Afrikantov Experimental Design Bureau for Mechanical Engineering**"

• State Scientific Center of the Russian Federation - Institute for Physics and Power Engineering Named After A.I. Leypunsky (FSUE "SSC RF - IPPE")

• OKB Gidropress

• AKME-engineering JSC

• JSC Izhora Plants

• JSC Atomic Insurance Broker

• JSC "State Scientific Center - Research Institute of Atomic Reactors" (RIAR)

• JSC "Atomenergoproekt"

• JSC Nizhny Novgorod Engineering Company "Atomenergoproekt"

• Krylov State Research Centre

• The Energy Research Institute of the Russian Academy of Sciences (ERI RAS)

• The Institute of Physical-Technical Problems of the North to them. Acad. V.P. Larionov, SB RAS

• Melentiev Energy Systems Institute of Siberian Branch of the Russian Academy of Sciences (ESI SB RAS)

• Mining Institute of the Kola Science Centre RAS

• Corporation Integral Electric Power Complex

• SE "Scientific and Technical Council of the Unified Energy Sysytem"

• CJSC "CDB "OSK-Iceberg"

• [Atomenergo](http://atomenergo.spb.ru/%22%20%5Ct%20%22_blank) CJSC

• National Research Nuclear University “MEPhI”

• The Bauman Moscow State Technical University

• North-Eastern Federal University

• State university of management

• Academician A. A. Bochvar HI-TECH Research Institution of Inorganic Materials (OJSC «VNIINM»)

• Russian Federal Nuclear Center - All-Russian Research Institute of Experimental Physics (RFNC - VNIIEF)

• Energy Research Institute by G.M. Krzhizhanovsky

• Research Institute of Electrophysical Apparatus by D.V. Efremov (NIIEFA)

• FSUE «Keldysh Research Center»
• Institute of Thermal Physics by S.S.Kutateladze

• Joint Institute for High Temperatures of the Russian Academy of Sciences

• FSUE SRI SIA "LUCH"
• «New Space Technologies» center of Moscow Aviation Institute (National Research University)
 *(To be confirmed)*

### Registration:Registration for the conference is based on the application sent to the Organizing Committee (conf2013@ibrae.ac.ru). The applications are accepted until November 8, 2013. The application form is provided in Appendix 1 and on the conference website *(*<http://ibrae.ac.ru/contents/213/>*).*

### Participation fee payment:

### For the participants representing the Russian organizations the arrangement/participation fee makes: 8000 rubles, for foreign participants: 500 euro. Upon the participation application receipt by the Steering Committee with all required data, Russian participants will receive participation agreements, while foreign participants will receive invoices.

### Arrangement/participation fee includes participation in all plenary proceedings of the Conference and the Conference records and materials. Transport and accommodation are covered by the sending party.

### Program and Steering Committees members, IAEA attendees, as well as invited speakers are excused from the arrangement/participation fee.

### Conference materials and records:

### By the beginning of the conference the abstracts digest will be published. Upon the Conference the book of Conference documents is planned to be published.Papers for the book of the conference records and materials, along with information exchange permits due to be provided by the authors on an electronic medium by December 3, 2013, or submitted to the organizers during the Conference registration and proceedings, December 3-5, 2013.The original copies of the information exchange permits (abstracts, papers) due to be submitted at the registration during the Conference, December 3-5, 2013.Requirements for papers are shown in Appendix 2 and on the conference website *(*<http://ibrae.ac.ru/contents/213/>*).*

### Conference program outline:

|  |
| --- |
| 1st Day (December 3, 2013, Tuesday) |
|  | 900-1000 | Conference Registration |
|  | 1000-1100 | Opening Ceremony (Welcome Speeches) |
|  | 1100-1115 | Coffee-break  |
|  | 1115-1255 | Plenary Session (Presentations 1-4, 25 min. each) |
|  | 1255-1400 | Lunch  |
|  | 1400-1605 | 1st Plenary Session (Presentations 5-9, 25 min. each) |
|  | 1605-1620 | Coffee-break  |
|  | 1620-1800 | 1st Session, Continuation (Presentations 10-13, 25 min. each) |
|  | 1800 | Drink Reception  |
| 2nd Day (December 4, 2013, Wednesday) |
|  | 900-1105 | 2nd Plenary Session (Presentations 14-18, 25 min. each) |
|  | 1105-1120 | Coffee-break  |
|  | 1120-1300 | 2nd Session Continuation (Presentations 19-22, 25 min. each) |
|  | 1300-1400 | Lunch  |
|  | 1400-1540 | 2nd Session Completion (Presentations 23-27, 20 min. each) |
|  | 1540-1555 | Coffee-break  |
|  | 1555-1800 | 3rd Plenary Session (Presentations 28-32, 25 min. each) |
|  | 1800-1830 | Discussions  |
| 3rd Day (December 5, 2013, Thursday) |
|  | 900-1120 | 4th Plenary Session (Presentations 33-39, 20 min. each) |
|  | 1120-1140 | Coffee-break  |
|  | 1140-1240 | Closing-up Session (Presentations 40-41, 20 min. each) |
|  | 1240-1330 | Discussions and closing remarks  |
|  | 1330 | Conference closure  |

### Conference Steering Committee contact data:

### Address: 52, Bolshaya Tulskaya, Moscow, 115191, Russia

### E-mail: conf2013@ibrae.ac.ru

### Working group contact data:

### Vyacheslav P. Bilashenko (Tel.: +7 495-955-22-38, e-mail: bilvp@ibrae.ac.ru)

### Dmitry O. Smolentsev (Tel.: +7 495-955-23-91, e-mail: dsmol@ibrae.ac.ru)

### Interaction with foreign participants:

### Anna G. Nikishina (Tel.: +7 495-955-22-49, e-mail: anik@ibrae.ac.ru)

### Tatyana I. Blatova (Tel.: +7 495-955-22-46, e-mail: blatova@ibrae.ac.ru)

### Conference web-site link:

### <http://ibrae.ac.ru/contents/213/>

### *Appendix 1. Registration form.*

### *Appendix 2. Requirements for papers.*

### *Appendix 3. Conference program*

### *Appendix 1. Registration form.*

**REGISTRATION FORM**

**for the International Conference**

**"Small-sized Nuclear Power Plants (SNPP) - the Current Direction of the Nuclear Power Development"**

**December 03 – 05, 2013**

**Moscow, Russia**

|  |  |
| --- | --- |
| Full name |  |
| Date of birth |  |
| Passport number, date of issue and date of expiration |  |
| Address of permanent residence |  |
| Organization (full name and short name) |  |
| Position |  |
| Format of participation (speaker, poster presenter, other participant) |  |
| Name of presentation, the authors (the speaker name to be indicated) |  |
| Legal and postal address of your organization (if different) |  |
| Telephone number |  |
| Cell phone number |  |
| Facsimile Number |  |
| Email address |  |
| Where to send the invoice for payment(fax, email) |  |
| Need for hotel reservation\* |  |
| Tentative dates of: arrival/departure |  |
| Need for visa support |  |

\*Only rooms at Danilovskaya hotel (address: B.Starodanilivskiy, 5 close to ‘Tulskaya’ metro station) are booked from where transport to the Conference area and back will be organized

### *Appendix 2. Requirements for papers.*

**Requirements for Papers**
The texts are presented in the form of files in MS Word format. The document is of standard A4 size (210x297 mm). The desired amount of material is up to 10 pages, including the title, information about authors, tables and figures (if any).
Do not use the select text color. The main text is recommended to be typed in Times New Roman. The formulas are typeset using the Equation Editor (Math Type) and are to be in an editable form (the template file for formulas Math Type preference file is attached to the letter, with which you can format the formula in the document).

***Illustrations***

Illustrative material should be sent in separate files, with the number of the picture in the file name, and in the main text the illustrations are to be placed in the right places with captions.
If the author has the original files of charts and graphs along with the original data from which they are created, it is strongly recommended to submit them for the single format adjustment. The preferred format for charts and graphs - Microsoft Excel (\*.Xls), Windows Metafile (\*.Wmf) or Encapsulated Postscript (\*.Eps), for photos and images - JPEG (\*.Jpg), TIFF (\*.Tif), Encapsulated Postscript (\*.eps), the actual size of the pictures (drawings) should have a resolution of at least 300 dpi (dots per inch) in the RGB color space, or Grayscale.

***References***

For each document, the following elements of bibliographic data are provided: author's name, initials, title, subtitle information (textbook, study guide, dictionary, etc.), the output information (place of publication, publisher, and year of publication), and quantitative features (total number of pages in the book) (see the example of references.)
It is recommended to submit a single list of references to the work as a whole. The list should be numbered. Each source is mentioned in the list only once, regardless of how often it is referenced in the presentation text.
The reference numbers in the text to the list of references are given in square brackets.

***Literature***

1. *Kutateladze S.S.* Fundamentals of the heat exchange theory. – M: Atomizdat, 1979. – 416 p.
2. *Chudanov V.V., Aksenova A.E., Pervichko V.A., etc.* The methods of computational fluid dynamics to analyze the security of fuel and energy facilities / under. scientific. ed. of V.F. Strizhov / / Proceedings of the Nuclear Safety Institute / Under. gen. ed. of L.A. Bolshov. - Issue. 3. - M: Nauka, 2008. - 210 p.
3. *Squires K.D., Eaton J.K.* Preferential concentration of particles by turbulence / / Phys. Fluids A. - 1991. - Vol. 3, № 5. - P. 1169-1178.
4. *Wang L.-P., Maxey R.M.* Settling velocity and concentration distribution of heavy particles in homogeneous isotropic turbulence / / J. Fluid Mech. - 1993. - Vol. 256. - P. 27-68.

***Subject-heading***

In case the paper involves the subject-heading, the author himself has to arrange the labels on the elements of the subject-heading in the text of the paper (preferably the content of the subject-heading is not the same as the table of contents).

### *Appendix 3. Conference program*

INTERNATIONAL CONFERENCE

**"Small-sized Nuclear Power Plants (SNPP) –**

**the Current Direction of the Nuclear Power Development"**

### CONFERENCE PROGRAM

**Presidential Hall, Presidium of the Russian Academy of Sciences, Main Building**

### 1st Day (December 3, 2013, Tuesday)

|  |  |
| --- | --- |
| 900-1000 | Conference Registration |
| 1000-1100 | Opening Ceremony (Welcome Speeches) |
| 1100-1115 | Coffee-break |
| 1115-1255 | Plenary Session  |
| 1 (25′) | *«Presentation is on approval »* (JSC «Rusatom Overseas») |
| 2 (25′) | «**Floating Nuclear Thermal Power Plants: Status and Prospects**» - *S.N. Zavyalov, M.V. Shurochkov* (Subsidiary of Rosenergoatom Concern OJSC «Construction and maintaining directorate of floating nuclear power stations») |
| 3 (25′) | «SVBR-100 Project Status» - *A.V. Kondaurov* (AKME-engineering JSC) |
| 4 (25′) | «United State Department Of Energy Small Modular Reactors Programs» - *Thomas J. O’Connor* (United States Department Of Energy) |
| 1255-1400 | Lunch |
| 1400-1605 | 1st Plenary Session |
| 5 (25′) | «Opportunity and Challenges of Small NPP for Indonesia» - *Ferhat Aziz* (National Nuclear Energy Agency of Indonesia) |
| 6 (25′) | «Prospects for Development of Nuclear Power Stations with Small and Medium Reactors» - *V.V. Petrunin, L.V. Gureeva, A.N. Lepekhin, S.V. Udalishchev* (JSC «Afrikantov OKBM») |
| 7 (25′) | «Application Fields of Small-Capacity Nuclear Power Facilities» - *V.N. Krushelnitsky* (JSC «Atomenergoproekt») |
| 8 (25′) | «Decentralized and Renewable Energy as an Important Element of Power Supply and Energy Security Enhancement in Russia» - *A.F. Dyakov* (Nonprofit Partnership «Scientific and Technical Council of United Power Grid»), *E.M.* *Perminov* (Corporation Integral Electric Power Complex)  |
| 9 (25′) | «Economics and Market for Small Modular Reactors» - *A. Lokhov, V. Sozoniuk, R. Cameron* (OECD Nuclear Energy Agency) |
| 1605-1620 | Cofee-break  |
| 1620-1800 | 1st Session, Continuation |
| 10 (25′) | «Comparative Efficiency of Small-scale Nuclear Power Plants in Local Power Systems in the East of Russia» - *N.I. Voropai, B.G. Saneev, I.Yu. Ivanova, A.K. Izhbuldin* (Energy Systems Institute SB RAS) |
| 11 (25′) | «Effective Scale and Trends of Development of SNPP-based Combined Heat and Power in Russia» - *A.S. Makarova, T.G. Pankrushina, A.A. Khorshev* (The Energy Research Institute of the RAS), *E.I. Sharov* (JSC «Concern Rosenergoatom») |
| 12 (25′) | «Analysis of Conditions for Large-scale Economically and Commercially Efficient Implementation of Nuclear Cogeneration Energy Sources into Regional Power» - *Yu.N. Kuznetsov, K.E. Kolesnikov* (NIKIET), *A.S. Kurskiy* (NRC «Kurchatov Institute») |
| 13 (25′) | «A System of Small Nuclear Power Plants for Harmonization of the Russian Fuel-and-Energy Complex and Approaches to Implementation of Projects» - *S.A. Subbotin, T.D. Shchepetina* (NRC «Kurchatov Institute»), *D.J. Chumak* (State university of management) |
| 1800 | Drink Reception |
| 2nd Day (December 4, 2013, Wednesday) |
| 900-1105 | 2nd Plenary Session |
| 14 (25′) | «Flexblue®: a Subsea and Transportable Small Modular Power Plant» - *Yves Armand, Geoffrey Haratyk, François-Xavier Briffod, Catherine Lecomte, André Kolmayer* (DCNS’s Civil Nuclear Engineering Business Unit) |
| 15 (25′) | «Reactor Plants for the Advanced Floating Nuclear Co-generation Plants and Ships» - *Yu.P. Fadeyev, A.N. Pakhomov, K.B. Veshnyakov, V.I. Polunichev, S.V. Kabin* (JSC «Afrikantov OKBM») |
| 16 (25′) | «New Concept of Small- and Medium-power Marine Nuclear Facilities» - *V.P. Struev, S.P. Malyshev* (Krylov State Research Centre) |
| 17 (25′) | «Construction of Floating Power Blocks: Modern Status and Variants of Future Projects» - *G.A. Makeev* (CJSC «CDB «OSK-Iceberg») |
| 18 (25′) | «Construction of Marine Nuclear Desalination Systems Using Power Modules with Reactor Installations» - *V.V. Moysov, V.V. Ryzhkov* ([Atomenergo](http://atomenergo.spb.ru/%22%20%5Ct%20%22_blank) CJSC) |
| 1105-1120 | Coffee-break  |
| 1120-1300 | 2nd Session Continuation |
| 19 (25′) | «The Role of the Northern Sea Route in the Development of Floating Nuclear Power Sources and the Prospects for Cooperation with the Countries of the European Union, the BRICS and the Asia-Pacific region» - *A.P. Shadrin, V.S. Ignatiev, V.A. Ivanov* (The Institute of Physical-Technical Problems of the North to them. Acad. V.P. Larionov, SB RAS) |
| 20 (25′) | «Analysis of Efficiency Boundaries for Low-Power Nuclear Power Plant Performance Characteristics» - *V.P. Bilashenko, D.O. Smolentsev* (Nuclear Safety Institute) |
| 21 (25′) | «Issues of Radiation and Environmental Safety and Economic Efficiency of Low-power Nuclear Stations in Sakha (Yakutia) Republic Conditions» - *V.E. Stepanov* (North-Eastern Federal University) |
| 22 (25′) | «Assessment of the Prospects of Using Low-power Nuclear Stations during Exploitation of Mineral Deposits in Remote Regions of the Arctic» - *N.N. Melnikov, V.P. Konukhin, V.A. Naumov, S.A. Gusak, P.V. Amosov* (Mining Institute of the Kola Science Centre RAS) |
| 1300-1400 | Lunch |
| 1400-1540 | 2nd Session Completion |
| 23 (20′) | «Small-Power Fast Lead-Bismuth Reactor SVBR-100 for Regional Energy Supply» - *V.V. Petrochenko, O.G. Komlev* (AKME-engineering JSC), V.V. Jangobegov (OKB «Gidropress»), A.A. Goverdovsky (FSUE SSC RF – IPPE) |
| 24 (20′) | «Small Power Nuclear Cogeneration Plants with Transportable Nuclear Reactor Units (ABV-6)» - *I.V. Kudinovich, N.V. Shklyarov, A.Zh. Suteeva* (Krylov State Research Centre) |
| 25 (20′) | «The Use of Carbon Dioxide in High Temperature Reactors with Gas-Turbine Cycle for Small Nuclear Power Facilities» - *N.G. Kodochigov, V.F. Golovko, N.G. Abrosimov, M.E. Ganin* (JSC «Afrikantov OKBM»), *A.I. Arbekov, I.G. Surovtsev, D.D. Rusakov (*BMSTU*)* |
| 26 (20′) | «The «Unitherm» SNPP as One of the Current Trends of Nuclear Power Development» - *A.I. Alekseev, Ye.N. Goltsov, G.I. Grechko, D.V. Eremeev, V.N. Pepa* (NIKIET) |
| 27 (20′) | «VK-300 Reactor Facility for Regional Cogeneration Power» - *Yu.N. Kuznetsov, K.E. Kolesnikov* (NIKIET) |
| 1540-1555 | Coffee-break  |
| 1555-1800 | 3rd Plenary Session |
| 28 (25′) | «Design and Technology Development for Small and Medium-sized Reactors – Prospects and Impediments of their Deployment» - *M. Hadid Subki, S. Susyadi, H. Hidayatullah, Thomas Koshy* (Nuclear Power Technology Development Section, Division of Nuclear Power Department of Nuclear Energy, IAEA) |
| 29 (25′) | «Assessment of Operational Safety at Bilibino NPP Power Units Taking into Account the Results of Fukushima NPP Accident Analysis» - *V.I. Kashirin, V.G. Fedosov, N.A. Chugunov* (JSC Izhora Plants) |
| 30 (25′) | «Results of Probabilistic Safety Assessment Level 1 for Power Unit of a Floating NPP with KLT-40S Reactor Installation» - *A.M. Bakhmetyev, I.A. Bylov, S.P. Linkov, A.V. Baklanov, I.E. Efimkina, A.G. Markelov, Yu.V. Kotikhina* (JSC «Afrikantov OKBM») |
| 31 (25′) | «Comprehensive Safety Assurance for Nuclear Co-generation Plants with Boiling Water Reactors» - *A.S. Kursky* (NRC «Kurchatov Institute»), *V.V. Kalygin, V.I. Shirokov, A.L. Petelin* (RIAR), *I.N. Vasilchenko, V.A. Mokhov, V.M. Makhin* (OKB «Gidropress»), *Yu.N. Kuznetsov* (NIKIET), *V.I. Kashirin* (JSC Izhora Plants) |
| 32 (25′) | «On the Concept of Small Nuclear Power Plant Decommissioning in Permafrost Conditions of the Far North and the Arctic» - *A.P. Shadrin, M.P. Lebedev, V.P. Kobylin, O.I. Sleptsov, V.M. Efimov, A.M. Bolshakov, I.P. Shadrin, V.S. Ignatiev, V.A. Ivanov* (The Institute of Physical-Technical Problems of the North to them. Acad. V.P. Larionov, SB RAS) |
| 1800-1830 | Discussions |
| 3rd Day (December 5, 2013, Thursday) |
| 900-1120 | 4th Plenary Session |
| 33 (20′) | «Legal and Institutional Issues of Transportable Nuclear Power Plants» - *Zoran Drace, Vladimir Kuznetsov, Vyacheslav Lysakov* (International Atomic Energy Agency) |
| 34 (20′) | «Risks in Nuclear-power Projects: Approaches to Classification and Management» - *D.J. Chumak* (State university of management), *T.D. Shchepetina* (NRC «Kurchatov Institute») |
| 35 (20′) | «Issues of Nuclear Civil Liability in Construction and Operation of Small-power Nuclear Power Plants» - *М.Е. Amelina, A.М. Kutumov* (JSC Atomic Insurance Broker) |
| 36 (20′) | «Issues of Civil Liability Insurance for Nuclear Risks at Nuclear Small-power Plants» - *V.P. Kuznetsov, V.F. Demin, V.I. Makarov, V.M. Shmelev* (NRC «Kurchatov Institute»), *A.S. Molchanov* (JSC Atomic Insurance Broker), *V.A. Sozoniuk* (Rosatom State Corporation) |
| 37 (20′) | «Peculiar Features of Implementing Physical Protection at Transportable Nuclear Installations» - *V.P. Kuznetsov, Y.R. Opanasiuk, E.Е. Sokolov* (NRC «Kurchatov Institute») |
| 38 (20′) | «Staffing of the Nuclear Power System Based on Transportable Nuclear Power Installations» - *N.I. Geraskin, Yu.N. Volkov* (National Research Nuclear University «MEPhI») |
| 39 (20′) | «Manufacturing Small-power Nuclear Power Plants as an International Project» - *V.M. Shmelev, V.P. Kuznetsov* (NRC «Kurchatov Institute») |
| 1120-1140 | Coffee-break  |
| 1140-1240 | Closing-up Session |
| 40 (20′) | «Concept of Life-cycle «Without On-site Refueling»; Legal Comment» - *O.A. Supataeva* (Institute of state and law) |
| 41 (20′) | «Nuclear Energy System based on Transportable Nuclear Power Installations» - *E.P. Velikhov, V.P. Kuznetsov* (NRC «Kurchatov Institute»), *L.N. Andreeva‑Andievskaya* (Rosatom State Corporation) |
|  | Announcement - *S.P. Malyshev* (Krylov State Research Centre) |
| 1240-1330 | Discussions and closing remarks |
| 1330 | Conference closure  |