



INTERNATIONAL  
SCIENTIFIC-PRACTICAL  
CONFERENCE

TRANSFORMATION OF THE SHELTER OBJECT INTO AN  
ECOLOGICALLY SAFE SYSTEM: EXPERIENCE,  
CHALLENGES AND SOLUTIONS



## **CONFERENCE PROGRAM**

*November 27-28, 2018  
Kyiv, SSE "Chornobyl NPP"*

**Transformation of the Shelter Object into an ecologically safe system:  
experience, challenges and solutions**

**CONFERENCE PROGRAM**

<i>November 27, 2018 (SSE ChNPP)</i>		
07.30	Departure from «Obolon» metro Station	Kyiv
9.30	Arrival at SSE ChNPP	
9.30 – 10.00	Registration of conference participants / Coffee break	SSE ChNPP
10.00 – 10.10	Opening of the conference. Welcoming remarks <i>(Acting Director General of ChNPP, Valerii Seida)</i>	
10.10 – 10.15	Opening of the conference. Welcoming remarks <i>(First Deputy Head of SAUEZM, Oleg Nasvit)</i>	
Presentations of the conference participants ( <i>Moderator – Valerii Seida</i> )		
10.15 – 10.35	Conceptual decisions on the dismantling of unstable constructions of the Shelter Object	Rudko Volodymyr (ISP NPP)
10.35 – 11.05	Model of heat-gas-dynamic, moisture and radiation state of a New Safe Confinement and Shelter Object to support the transformation project of a Shelter Object into an ecologically safe system	Krukovskyi Pavlo (ITT NASU)
11.05 – 11.20	Integrated Automated Shelter Object Monitoring System	Svierchkov Serhii (SSE ChNPP)
11.20 – 11.35	The crystalline phases of lava fuel containing masses NBK-ShO	Habielkov Serhii (ISP NPP)
11.35 – 11.45	The importance of taking into account the factor of microorganisms during working in the Shelter Object	Pareniuk Olena (NUBiR)
11.45 – 12.00	Measurement of DER in the near zone of the NSC to assess the effectiveness of anti-radiation protection	Yakovenko Leonid (SSE ChNPP)
12.00 – 13.00	Lunch	SSE ChNPP
Presentations of the conference participants ( <i>Moderator – Oleg Nasvit</i> )		
13.00 – 13.20	Status of Waste Treatment Research in KAERI	Keun-Young Lee (Korea Atomic Energy Research Institute)

13.20 – 13.35	An innovative platform for transforming the Shelter object into an ecologically safe system	Konashchuk Vadym (USChT University)
13.35 – 13.50	From the deadly ruin to the rainbow Arches: Information policy on the transformation of the central object of the Chernobyl Disaster into psychologically and culturally safe (Problems and perspectives)	Myrnyi Serhii (Association of Chernobyl Tourism)
13.50 – 15.30	Sightseeing tour of the Chernobyl Nuclear Power Plant	
15.30	Departure of conference participants to Kyiv	
<b>November 28, 2018 (Kyiv)</b>		
8.30 – 09.00	Registration of conference participants	The Club of the Cabinet of Ministers of Ukraine (Kyiv, Instytutska St., 7)
09.00 – 09.08	Opening of the conference. Welcoming remarks <i>(Minister of Ecology and Natural Resources of Ukraine, Ostap Semerak)</i>	
09.08 – 09.15	Opening of the conference. Welcoming remarks <i>(Head of SAUEZM, Vitalii Petruk)</i>	
Presentations of the conference participants ( <i>Moderator – Oleg Nasvit</i> )		
09.15 – 09.35	Chernobyl Unit 4 – Long Term Management Strategy	Norbert Molitor (Independent Experts Managing Director)
09.35 – 09.55	Strategic directions of activity at the Shelter Object after put into operation of the New Safe Confinement	Nosovskyi Anatolii (ISP NPP)
09.55 – 10.15	The strategy of Shelter Object transformation into ecologically safe system. Problems and Challenges	Baibuzenko Tetiana KRDI “ENERGOPROJECT”
10.15 – 10.35	Actualization of " Shelter Object Transformation Strategy". Definition of concepts "ecological safe system", "long-term safe building" and criteria for transformation fuels containing materials into controlled state	Stelmakh Dmytro (SSE ChNPP)
10.35 – 11.05	Coffee break	

11.05 – 11.25	"Analysis of the factors determining the safe state of the Shelter Object as part of a New Safe Confinement"	Kondratiev Serhii (SSTC NRS)
11.25 – 11.45	Status and problems of nuclear-hazardous materials in view of the transformation of the Shelter Object into an ecologically safe system	Krasnov Viktor (ISP NPP)
11.45-12.00	Building aspects of transformation of the Shelter Object into an ecologically safe system	Nemchynov Yurii (SE SRIBC)
12.00 – 12.20	IAEA considerations on the post-accident decommissioning	Kilochytska Tetiana (IAEA)
12.20-13.45	Lunch	
Presentations of the conference participants ( <i>Moderator – Oleg Nasvit</i> )		
13.45-14.00	Radioactively contaminated water in the Shelter Object after installation of the NSC Arch in the design position	Odintsov Oleksii (ISP NPP)
14.00-14.15	Verification lava fuel containing masses – measure of transformation the Shelter Object into ecologically safe systems.	Oikhovyk Yurii (SI IEG NASU)
14.15-14.30	Results of radiohydroecological monitoring in the area of the NSC-ShO complex and means of reducing groundwater contamination	Panasiuk Mykola (ISP NPP)
14.30-14.50	Issue on licensing of operation confinement exploitation, including Shelter Object	Sushko Tamara (SNRIU)
14.50-15.20	Coffee break	
15.20-16.00	Progress review, closing remark the work of the conference	
16.00-16.30	Closing the conference and taking a decision	

You can find more detailed information at the official website: [www.sof2018.dazv.gov.ua](http://www.sof2018.dazv.gov.ua).  
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