

R^H**C** **2023** U.S. Nuclear Regulatory Commission
35th Annual Regulatory Information Conference



NAVIGATING ^{the} NUCLEAR FUTURE

MARCH 14-16, 2023

Bethesda North Marriott Hotel
and Conference Center
Rockville, Maryland

Establishment of
communication with the
public and authorities at
the war time

WWW.NRC.GOV

#NRCRIC2023





SNRIU Main Facts

Independent nuclear regulatory authority of Ukraine was established according to Decree of the President of Ukraine №1303 of 5 December 2000.

The State Nuclear Regulatory Inspectorate of Ukraine (SNRIU) operates under Statute approved by the Resolution of the Cabinet of Ministers of Ukraine № 363 of 20 August 2014.

SNRIU reports directly to the Cabinet of Ministers of Ukraine (Prime-Minister).

SNRIU is independent from the State agencies, establishments and officials whose activity is associated with the use of nuclear energy.



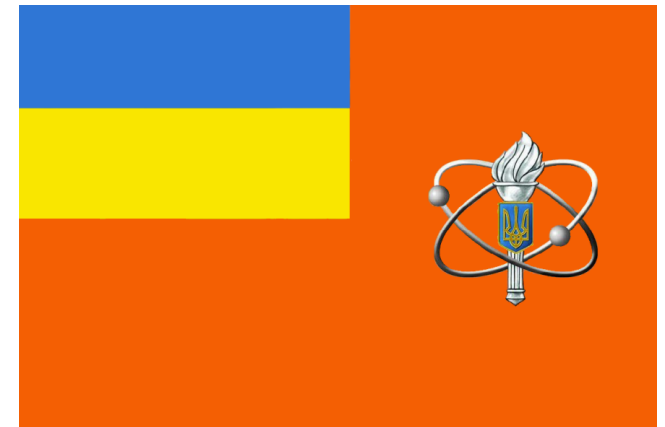


SNRIU public communications main function

Law of Ukraine «On the use of nuclear energy and radiation safety»

Article 24. Competence of state nuclear and radiation safety regulatory bodies

- Prompt notification via mass media of radiation accidents on the territory of Ukraine and beyond its boundaries in case of transboundary release





From the February, 24, 2022 till present day Ukraine is under aggression of russian federation

- Chornobyl NPP and the Exclusion zone
- Zaporizhzhya NPP
- The research nuclear installation NSA "Neutron Source Based on a Subcritical Assembly Driven by a Linear Electron Accelerator" (NSA "Neutron Source") of National Science Center Kharkov Institute of Physics and Technology
- Radon (Kyiv, Kharkov)
- All the nuclear sources in the territory of Ukraine are under bombing or under threat of bombing





Unprecedented and unexpected challenges

New threats

- Military invasion to the NPP site and contaminated territory
- Bombing and shelling the radwaste facilities and Neutron source installation
- Missiles and military plane flights over the NPP sites
- Loss or lack of communication
- Inability of relocation (to move) (including the IEC staff)
- The impossibility of restoring the destroyed infrastructure and logistics
- Fakes and lies

Challenges for the staff

- Self-organization
- Courage





SNRIU: Keep public informed

Target groups

- General public
- Executive bodies
- Professional societies
 - ✓ Nuclear society
 - ✓ Scientific society
 - ✓ Medical society
 - ✓ First responders
- International community
- NGO

Tools

- Internet (websites, social media)
- Interview
- Open letters
- Emails
- Meetings, consultations and discussions (in-person and online)
- Online conferences/discussions
- Personal explanation



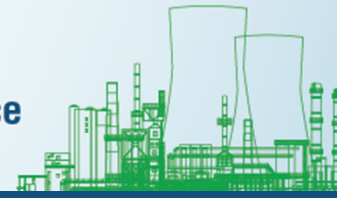


SNRIU: Keep public informed

Main topics

- Verifying and Providing REAL information on:
 - ✓ status of NPPs
 - ✓ situation at Chernobyl NPP and Exclusion Zone
 - ✓ all damage of nuclear infrastructure
- Radiation monitoring (in the area where the rad monitoring equipment was not damaged)
- Iodine prophylaxis, sheltering and evacuation clarification and recommendations
- Prognosis of the possible spreading of the plume in case of nuclear accident at NPP
- Assessment of the radiological impact of fires on the ecosystems of the Chernobyl NPP Exclusion Zone
- Information on SNRIU activity (appeals to nuclear international community, discussions and meetings with international partners in order to cease invasion to the nuclear facilities, NPPs and Exclusion Zone and remove threats that may lead to the possibility of a nuclear accident)
- Information of the providing assistance to Ukraine
- IAEA activities





SNRIU: Keep public informed

website - <https://snriu.gov.ua>

Ukrainian and English version

300 plus publications in Ukrainian (from February, 24,2022)

79 publications in English during the first 100 days

From February, 24, 2022 - March - approx 1200 views of publications per day

During April approx 1000 views of publications per day

During May approx 500 views of publications per day

Facebook - <https://shortest.link/3aFV>

Ukrainian/English language

300 publications (from February, 24)

Up to 8 publications per day during the first days, later 2-5 publications per day

Amount of readers grow from 2000 up to approx 7000

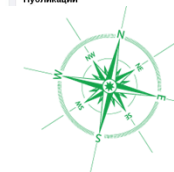
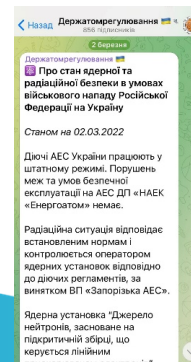
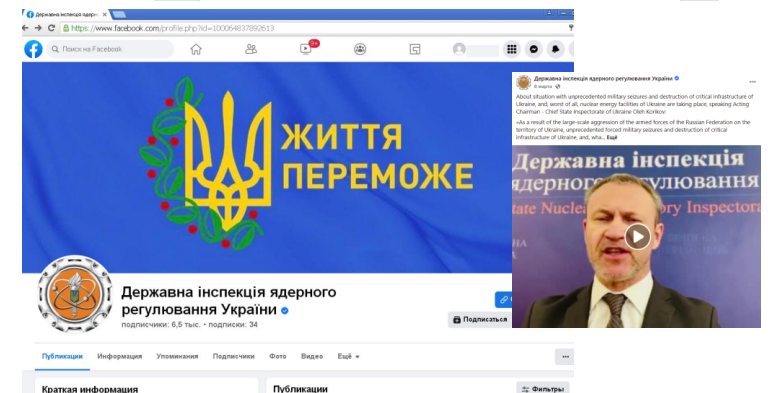
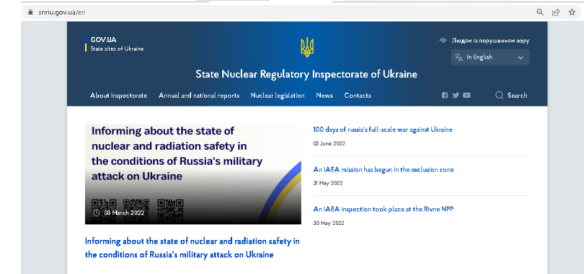
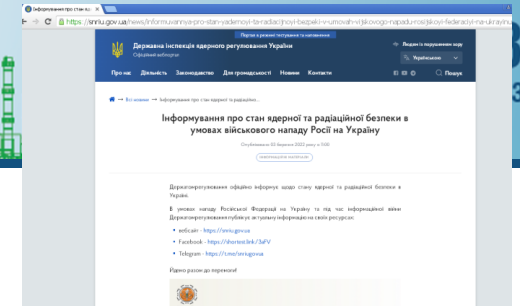
At the present time 6500 readers

Telegram - <https://t.me/snriugovua>

Ukrainian language

Starting on March,1, 2022

up to 1000 followers

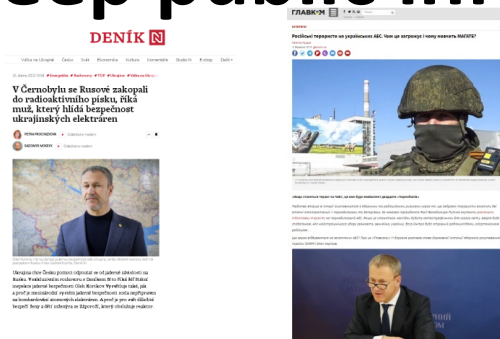


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SNRIU: Keep public informed

Interview



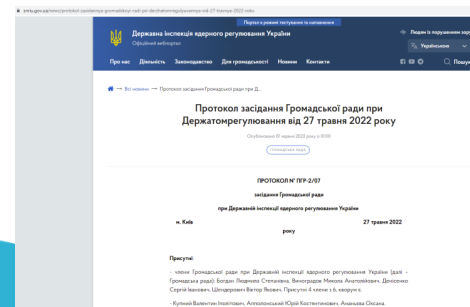
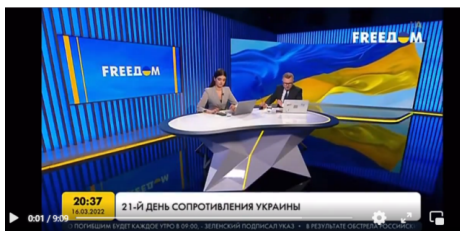
Acting Chairman of the SNRIU Oleh KORIKOV conducted an interview with

- Czech journalists of Nový Deník on the state of Ukraine’s nuclear security in the context of Russia’s military aggression:
<https://denikn.cz/864202/v-chernobylu-se-rusove-zakopali-do-radioaktivniho-pisku-rika-muz-ktery-hlida-bezpecnost-ukrajinskych-elektren/?ref=tit&fbclid=IwAR10URvD55f4wAmrTIdwaVruVZPrMFtyQV2WUrhRcJCs6u68m-hhSMV0>

TV programme



- Ukrainian journalists <https://m.glavcom.ua/interviews/rosiyski-terroristi-na-ukrajinskikh-aes-chim-ce-zagrozuje-i-chomu-movchit-magate-829158.html>



Public Council meeting on May, 27, 2022
topic - Zaporizhzhya NPP under occupation
conditions: nuclear and radiation safety issues





SNRIU together with others players: Keep public informed

Ukrainian Nuclear Society

Publish a daily information digest on the state of the nuclear industry and the situation in Ukraine from March, 31, 2022

<https://ukrns.org/en/ukrns>

On April, 27-28, 2022 INUDEC0 open online marathon «Challenges of Nuclear Power of Ukraine in wartime»

<https://www.youtube.com/watch?v=Knoqpk9WRNs>

Under the framework Seventh International Conference "Problems of Decommissioning of Nuclear Facilities and Environment Restoration"

The State Emergency service of Ukraine

<https://dsns.gov.ua/>

<https://www.facebook.com/MNS.GOV.UA>

Publications

- extinguishing fires at nuclear infrastructure facilities after shelling and bc
- demining of Exclusion Zone of the Chernobyl NPP

INFORMATION DIGEST 31.03.2022



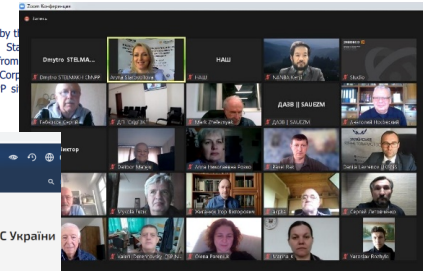
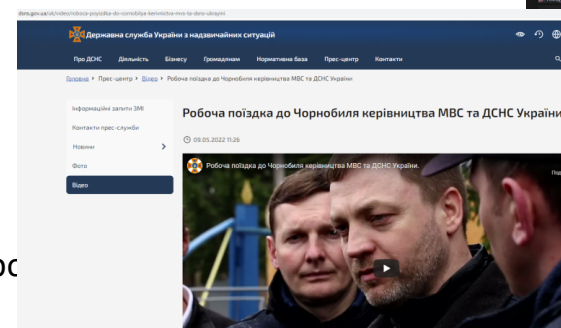
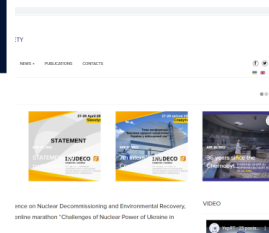
Status of the Ukrainian nuclear power plants and the events of the nuclear industry of Ukraine

- The NNEGC Energoatom informs that as of 10 am on March 31, 2022 all four operating nuclear power plants in Ukraine continue to generate electricity steadily. Their total current capacity provides the necessary amounts of electricity for the needs of the country. Radiation, fire and environmental conditions at the industrial sites of nuclear power plants and adjacent territories have not changed and are within current standards.
- Today, March 31, 2022, the Governing Board of the World Association of Nuclear Power Plant Operators (WANO) at its meeting supported the request of NNEGC Energoatom and decided to transfer the Company together with all its stations - Zaporizhzhya NPP, Rivne NPP, South Ukrainian NPP, Khmelnytsky NPP, and nuclear power units to the Paris NPP.
- We will remind, the Ukrainian nuclear power plants were a part of the Moscow center of WANO since the creation of this organization in 1989.

Regarding the situation at the Zaporizhzhya NPP, the Chernobyl NPP and other nuclear facilities of Ukraine

Current situation on Zaporizhzhya NPP

- The Zaporizhzhya NPP and Enerhodar city are occupied by the Russian Federation since 4 March 2022. The NNEGC Energoatom and State Nuclear Regulatory Inspectorate of Ukraine (SNRIU) inform that apart from military, representatives of the State Atomic Energy Corporation of the Russian Federation "Rosatom" are illegally present at the ZNPP and their objective of their stay is unknown.



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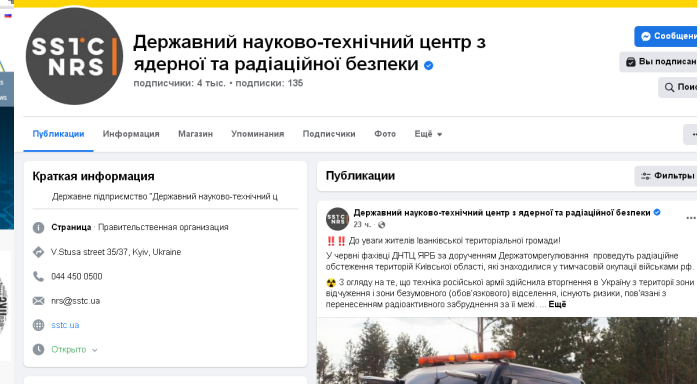
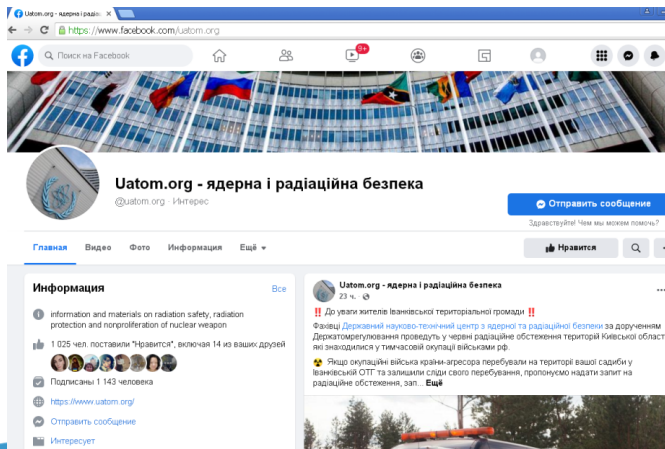
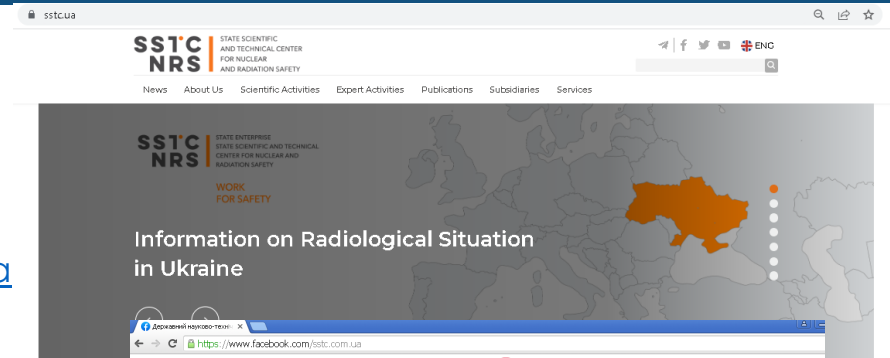


SSTC (TSO): Keep public informed

web-site www.sstc.ua

Facebook page <https://www.facebook.com/sstc.com.ua>

web-site On nuclear and radiation safety and non-proliferation <https://www.uatom.org>





Public fears/concerns/needs

Nuclear and radiological issues

- Possibility of disaster the same or even bigger than Chernobyl NPP accident: sheltering, evacuation, Iodine prophylaxis

Non-radiological issues

- Necessity of leaving home again for the persons that have been affected by Chernobyl NPP accident and evacuated in 1986



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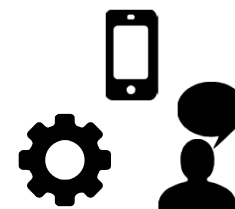


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**Thank you
for your attention!**

snriu.gov.ua



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