



FEDERAL ENVIRONMENTAL, INDUSTRIAL AND NUCLEAR
SUPERVISION SERVICE OF RUSSIA
(ROSTECHNADZOR)

Overview of Recent Support Activities of Rostekhnadzor for RCF Recipients

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EC-RCF collaborative meeting, Brussels, 28 June 2015



Assistance to counterparts in developing their national nuclear power infrastructures

- Government ordinance authorizing Rostekhnadzor to accomplish full-scale assistance in the development of national safety regulation systems (including arranging training of regulators personnel);
- Agreement on cooperation in assistance activities between Rostekhnadzor and State Atomic Energy Corporation “Rosatom” (3 October 2012);
- Comprehensive approach based on the Milestones in the Development of National Infrastructure for Nuclear Power (19 elements of infrastructure);
- Integrated proposal on the development of national nuclear infrastructures



Russian Integrated Proposal on the Development on Nuclear Infrastructures

Aspects related to nuclear and radiation safety and security regulation in atomic energy use



ROSTECHNADZOR



Aspects related to the management of atomic energy use



ROSATOM



ROSENERGOATOM



CICE&T





Main areas of assistance

- ✓ review of the existing regulatory and legal framework;
- ✓ consultancy in development of regulatory documents;
- ✓ experience exchange and consultancy during NPP siting, construction, commissioning and operation with regard to licensing procedures and safety review;
- ✓ inspection practices (including participation as observers in inspections at the Russian NPPs carried out by Rostechнадзор);
- ✓ training of regulatory authority personnel



Assistance to Regulators of the Countries Planning to Construct Their First NPP Using the Russian Design (cooperation agreements and memorandums)

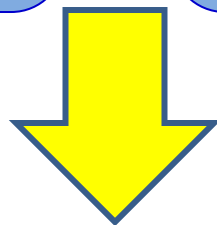
- *Turkish Atomic Energy Authority (June 2010);*
- ***Vietnam Agency for Radiation and Nuclear Safety (October 2010);***
- *Ministry of Science and Technology of Bangladesh (February 2012);*
- ***Ministry for Emergency Situations of Belarus (Gosatomnadzor, December 2013);***
- *Egyptian Nuclear and Radiological Regulatory Authority (November 2015);*
- ***Energy and Minerals Regulatory Commission of Jordan (March-April 2016)***



Legal basis for cooperation with VARANS (Vietnam)

*INTERGOVERNMENTAL AGREEMENT ON
COOPERATION IN THE FIELD OF PEACEFUL
USE OF ATOMIC ENERGY
(Hanoi, March 27, 2002)*

*INTERGOVERNMENTAL AGREEMENT ON
COOPERATION IN CONSTRUCTION OF NPP
(Hanoi, October 31, 2010)*



*AGREEMENT BETWEEN ROSTECHNADZOR AND VARANS ON COOPERATION IN
THE FIELD OF NUCLEAR AND RADIATION SAFETY REGULATION IN THE PEACEFUL
USE OF ATOMIC ENERGY
(Hanoi, October 31, 2010)*



2015

- Russia-Vietnam Joint Coordination Committee on atomic energy (Hanoi, Vietnam, 2-3 February), meeting between the management of Rostekhnadzor and VARANS;
- Rostekhnadzor representative participation in the National scientific workshop on Ninh Thuan NPPs 1&2 siting (Hanoi, 19-20 March 2015);
- 1st Russia-Vietnam nuclear infrastructure working group meeting (Hanoi, 22-26 June);
- Workshop on nuclear security regulation (Hanoi, 1-3 December)



2016

- Essential Knowledge Training Course on Regulatory Competence and Safety Assessment under IAEA Technical Cooperation Programme (Moscow, Novovoronezh, Russia, 14 March – 22 April);
- VARANS delegation technical visit for the purpose of sharing experience (on-the-job training) in the area of NPP siting and construction supervision (Moscow, Novovoronezh, 23 May – 2 June)

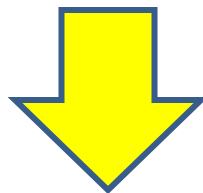




Legal basis for cooperation with Gosatomnadzor (Belarus)

*INTERGOVERNMENTAL AGREEMENT ON
COOPERATION IN THE FIELD OF
PEACEFUL USE OF ATOMIC ENERGY
(Minsk, 28 May 2009)*

*INTERGOVERNMENTAL AGREEMENT ON
COOPERATION IN CONSTRUCTION OF
NPP
(Minsk, 15 March 2011)*



*INTER-AGENCY AGREEMENT BETWEEN ROSTECHNADZOR AND
MINISTRY FOR EMERGENCY SITUATIONS OF THE REPUBLIC OF BELARUS
ON COOPERATION IN THE FIELD OF NUCLEAR AND RADIATION SAFETY
REGULATION IN THE PEACEFUL USE OF ATOMIC ENERGY
(Minsk, 20 December 2013)*



2015

- Participation of Gosatomnadzor representatives as observers in the Novovoronezh NPP-2 construction inspections (Novovoronezh, Russia, June 22-26, October 13-16);
- Visit of Rostekhnadzor delegation headed by Rostekhnadzor Deputy Chairman Alexey Ferapontov to Belorussian NPP (Ostrovets, Belarus, 30 June – 1 July);
- Workshop on nuclear security regulation (Minsk, Belarus, 14-15 July);



2015 (continued)

- Meeting on experience exchange in safety supervision during NPP equipment assembly (Moscow, Russia, 5 August);
- Rostechnadzor representative participation as consultant in the Commission on Gosatomnadzor inspectors knowledge assessment (Minsk, 22-24 September);
- Continuation of consulting support in carrying out of supervision activities at Belorussian NPP (2 inspections: 11-16 May, 26-30 October)



2016

- The 3rd Russia-Belarus joint nuclear infrastructure working group meeting; working meeting on registration of NPP equipment, pipelines and systems (Minsk, Belarus, 17-18 February);
- Rostekhnadzor representatives participation in the workshop on emergency preparedness and planning (Moscow, Russia, 25 February);
- Working meeting on a regulatory authority tasks during NPP commissioning (Moscow, 25-26 February)



2016 (continued)

- Workshop on experience exchange in NPP construction supervision (Saint Petersburg, Sosnovy Bor, Russia, 23-25 March) ;
- Essential Knowledge Training Course on Regulatory Competence and Safety Assessment (Moscow, Novovoronezh, 14 March – 22 April);
- Consultations on licensing of NPP construction and commissioning process and procedures (Moscow, 11-13 May);
- Gosatomnadzor specialists scientific visit on authorizations for NPP personnel to perform activities in the field of atomic energy use issued by Rostechnadzor (under IAEA technical cooperation program) (Moscow, 16-20 May)



Further cooperation

- Participation of Rostekhnadzor representatives in the inspection of the State Scientific Enterprise “Joint Institute for Power and Nuclear Research – Sosny” of National Academy of Science of Belarus to be conducted by Gosatomnadzor (planned for August 2016);
- Training on software tool “Rainbow-TPP” use



Thank you for your attention!



www.en.gosnadzor.ru

*(English version of the official web-site
of Rostekhnadzor)*