TRAIN-THE-TRainers COURSE
FOR UNIVERSITY FACULTy MEMBERS

TECHNOLOGICAL ASPECTS
OF AES-2006 (VVER-1200)

DEVELOPMENT OF NUCLEAR CURRICULA
ON VVER TECHNOLOGY

15-23 November 2018
St. Petersburg, Russia

The course is based on textbook*
“VVER-1200: Evolution of the Classics. Operation
Physics, Systems and Elements, Nuclear Fuel, Safety”
(by Andrushechko S.A., Favorov B.Yu, Vasiliev B.Yu,
Kosourof K.B, Semchnekov Yu.M, Kuchumov A.Yu.,
Ukrainets V.F.)

APPLICATION
To apply for the course please contact the
Programme Coordinator by 01 November 2018
(isfilipyev@rosatomtech.ru)

COURSE VENUE AND CONTACTS

Venue:
St. Petersburg Branch of
Rosatom Technical Academy
(4, Aerodromnaya str., St. Petersburg, Russia)

Programme Coordinator
Mr. Ilia FILIPEV
Project office “Nuclear Education Transfer”
Tel: +7 (980) 712 35 50
Email: isfilipyev@rosatomtech.ru

Participants Coordinator
Ms. Elena ZINOVIEVA
International Project Management Department
Tel: +7 (484) 39-29-060
Email: EVZinovyeva@rosatomtech.ru

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(isfilipyev@rosatomtech.ru)

ROSATOM TECHNICAL ACADEMY
249031, Obninsk, 21 Kurchatov str.
Phone: +7 484 39 68833
Fax: +7 484 39 68011
E-mail: info@rosatomtech.ru
Web: http://rosatomtech.com

* to be published in 2018
Rosatom Technical Academy (Rosatom Tech) is a leading educational center for training and professional development of specialists and managers of ROSATOM and international organizations. Rosatom Tech consolidates and operates the proposals of Russian organizations working in the field of nuclear education with the aim to assist in the development of nuclear education systems in partner countries in support of national nuclear programmes.

The purpose of the course is to help faculty members in enhancing their knowledge of VVER technology of modern design (VVER-1200) and developing educational modules on VVER technology.

The course is aimed at professors, lecturers and researchers involved in initiation or development of nuclear curricula in universities of countries embarking on nuclear power programmes, in particular, seeking to develop nuclear power with Russian design VVER-1200 reactors.

**MAIN TOPICS**

- **Topic 1.** Design of NPP with VVER. Russian Experience
- **Topic 2.** Engineering Aspects of Nuclear Fuel
- **Topic 3.** Management of VVER-1200 fuel
- **Topic 4.** VVER-1200 Reactor and its Elements
- **Topic 5.** VVER-1200 Reactor Monitoring and Control
- **Topic 6.** AES-2006 Reactor Island Design
- **Topic 7.** AES-2006 Safety Systems
- **Topic 8.** AES-2006 Design Conditions
- **Topic 9.** Development of Nuclear Curricula on VVER Technology
- **Facility Visits**