

The State Atomic Energy Corporation "ROSATOM"

Integrated Training - Information Centre

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Information Centre Goals

- Overcoming the cautious attitude and negative stereotypes of society about nuclear energy.
- Raising public awareness on the major activities of the nuclear industry.
- Formation of positive public opinion on NPPs as unique, safe and socially significant objects that provide welfare in the region.
- Carrying out activities to promote NPP as an employer.



Information Centre Equipment

Exhibition Complex

- Mockups explaining the stages of NPP construction, the design and principle of the equipment and systems operation.
- Mockups explaining the principles of radiation and nuclear safety, the stages of nuclear fuel cycle.
- Models of NPP equipment and systems implemented on a PC base.
- Interactive plasma screens with animation programs awareness-raising displays, boards, posters.





Information Centre Equipment

Classroom Complex

- High-tech 3D-Cinema designed to show informational films.
- Lecture halls fit out with modern presentation equipment.
- Conference rooms, fit out not only with modern presentation equipment, but also software and hardware, allowing to implement video conferences.
- Classrooms fit out with computer-assisted learning systems.





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Staff for the 1st NPP

- Need for staff
- Staff training scheme
- Recruitment and staff training





Need for Staff for two-unit NPP



Managerial staff	11 pl
Maintenance service 525 pl of them are operational staff	618 pl
Technical consist	5 4 ml
lechnical service	54 pi
MRO service	322 pl
Total	1005 pl

Contractors' staff

1000 pl

Staff Training Scheme for the Position in the 1st Unit of NPP



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Requirements for NPP Staff on the Record of Service at Previous Positions



No possibility of duplication in the workplace and self-guided work for the operational staff can be compensated by increase in the duration of the internship at the workplace at the reference NPP in Russia and the NPP under construction in Vietnam.

Psycho-physiological examination is carried out during the training at Training Centre.

Possible Training Scheme for the Position of Program - Control Unit Staff



The Stages of Recruitment and Staff Training for the 1st Unit under Construction



The Stages of Recruitment and Staff Training for the 1st Unit under Construction



Staff Training Scheme for the Position in the 2nd and Subsequent Units of NPP



NPP Training Centre

- Goals of establishing the Training Center
- Training Centre equipment
- Stages of creating educational and material base of the Training Center





Goals of Establishing the Training Center

- Provide NPP with qualified staff.
- Maintain the qualification and competence of NPP staff.
- Organize and conduct training needs analysis of NPP staff.
- Improve the system of NPP staff training.
- Ensure the operation and development of educational facilities.







Classrooms for theoretical training.

- Presentation equipment.
- Mockups explaining the design and principle of NPP equipment and systems operation, the principles of radiation and nuclear safety, the stages of nuclear fuel cycle.
- Models of NPP equipment and systems implemented on a PC base.
- Computer systems for training and examination.
- Awareness-raising boards and posters.



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Practical (simulator) training.

- Equipment and software of a control room full scope simulator.
- Equipment and software of analytical simulator.
- Simulators of APCS and other NPP systems.



Practical training (laboratories and workshops).

- Mockups of main NPP equipment and systems.
- Real equipment and the components of NPP equipment.
- Mockups for the improvement of technological operations.
- Tools, instruments, equipment and supplies.





The Main Stages of Creating Educational and Material Base of the Training Center



Training – Information Centre, Benefits of Union.



The Cost of the Construction of Training - Information Centre

The total cost of the construction of the integrated Training – Information Centre 5

54 600 000\$

among them

The cost of construction and installation worksfor the blocked building andthe construction of Training – Information Centre15 500 000\$

The cost of full-scope simulator

10 000 000\$

The cost of CBS, software and training materials29 100 000\$

Thank You!