

MINISTRY OF EDUCATION AND SCIENCE OF THE RUSSIAN FEDERATION  
**OBNINSK INSTITUTE FOR NUCLEAR POWER ENGINEERING –**  
 The filial of the federal state autonomous educational institution of higher education  
**“National Research Nuclear University MEPhI”**  
**(INPE NRNU MEPhI)**



**APPROVE**  
 Vice Rector NRNU MEPhI,  
 acting director INPE NRNU MEPhI  
 T.N. Leonova

2017 г.

**Curriculum**  
 of the additional educational program  
**Electric Power Industry and Heat-Power Engineering**

**Category of students** – employees of foreign energy companies with higher education

**Training term** – 702 hours

**Form of training** – with a separation from work

**The mode of training**– 5 days a week 6 hours a day

Training term – 10 months, including 3 months of an internship at Karpov Scientific Research Institute of Physics and Chemistry

№	Names of sections	Total hours	Including	
			lectures	practical work
1	Physical fundamentals of nuclear power	154	140	14
2	Technical features of NPP	84	64	20
3	Safety of operation of NPF	68	42	26
4	Main systems of power units	20	20	-
5	Radiation safety on objects of nuclear technologies	36	16	20
6	Not power use of nuclear technologies	40	20	20
7	Internship	280	-	280
8	Individual consultations, presentation of final work	20	20	-
<b>TOTAL</b>		<b>702</b>	<b>322</b>	<b>380</b>
<b>Final assessment</b>		<b>test</b>		