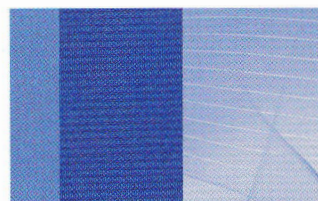


Abbreviations



AAR	– additional absorber rod	FSUE	– federal state unitary enterprise
AC	– automatic controller	GT-MHR	– gas-turbine modular helium reactor
AE	– absorber element	HEC	– horizontal experimental channel
AEI	– atomic energy installation	HEU	– highly enriched uranium
AHS	– air-hydraulic system	HLC	– horizontally loaded container
AHX	– air heat exchanger	HLW	– high-level waste
ALEL	– active laser element	HNS	– hot neutron source
AMR	– additional movable reflector	HRC	– hydraulic resistance coefficient
AR	– absorber rod	HTGR	– high-temperature gas-cooled reactor
AS	– activity suppressor	HWR	– heavy water reflector
BAR	– burnable absorber rod	HX	– heat exchanger
CEC	– central experimental channel	IC	– ionization chamber
CF	– critical facility	ICIS	– in-core instrumentation system
CGP	– co-generation plant	ID	– irradiation device
CIS	– common information space	IDT	– interdepartmental tests
CM	– control member	IEC	– inclined experimental channel
CMC	– central moderator cavity	IRS	– ionizing radiation source
CNS	– cold neutron source	LEU	– low enriched uranium
CPS	– control and protection system	LF	– loop facility
CTF	– corrosion test facility	LMC	– liquid metal coolant
DE	– dummy element	LRW	– liquid radwaste
ECCS	– emergency core cooling system	LU	– laser unit
ECDS	– emergency cooldown system	MC	– manual control
ED	– experimental device	MMR	– main movable reflector
EDM	– electric dipole moment	MR	– movable reflector
ELC	– extra-loaded compensator	MS	– multiplying system
EP	– emergency protection	NC	– neutronic characteristics
FA	– fuel assembly	NC	– natural circulation
FAPCD	– fast-acting pressure-relief cooling device	NCGP	– nuclear co-generation plant
FASS	– fast-acting shutdown system (scram)	NCT	– neutron capture therapy
FBFI	– federal budget-funded institution	NDHP	– nuclear district heating plant
FCFD	– fuel cladding failure detection	NDS	– nuclear-doped silicon
FE	– fuel element	NM	– nuclear materials
FG	– fission gas	NMR	– nuclear magnetic resonance
FM	– fissile materials	NPF	– nuclear power facility
FSBEI	– federal state budgetary education institution	NPP	– nuclear power plant
		NRC	– national research center

NRF	– nuclear research facility	RS	– radioactive substances
NRG	– noble radioactive gases	SC	– shipping cask
NRNU	– national research nuclear university	(TUK)	
NRR	– nuclear research reactor	SCF	– subcritical facility
NS	– nuclear safety	SFA	– spent fuel assembly
NSD	– nuclear silicon doping	SM	– shim member
OAQ	– oxygen activity quencher	SNF	– spent nuclear fuel
OJSC	– open joint-stock company	SNPP	– space nuclear power plant
PCC	– pool cooling circuit	SOCT	– sodium oxide cold trap
PPM	– planned preventive maintenance	SPO	– solid-phase oxidation
PR	– pulse rod	SR	– shim rod
PRU	– power reactor unit	SRW	– solid radwaste
RAW	– radioactive waste	SSC	– semispherical channel
RBMK	– large pressure-tube reactor	SSPD	– solid-state power device
RCP	– reactor coolant pump	SSR	– state scientific center
REHW	– radioelectronic hardware	TA	– Technical Assignment
RF	– reactor facility	TIC	– thermionic channel
RF	– Russian Federation	UCN	– ultracold neutrons
RM	– radiation monitoring	VEC	– vertical experimental channel
RNM	– reactor neutron multiplier	VVER	– water-cooled water-moderated power reactor
RP	– radiopharmaceuticals	WM	– working member
RR	– research reactor	ZPR	– zero power reactor