

ABBREVIATIONS

ADS	accelerator-driven system
AECL	Atomic Energy of Canada Limited
AGR	advanced gas cooled reactor
AHWR	advanced heavy water reactor
ALI	annual limit on intake
ASMB	accelerator molten-salt breeder (reactor)
AVR	Arbeitsgemeinschaft Versuch-Reaktor
BN	Russian fast reactor
BNAB	Russian library of evaluated nuclear data
BR	breeding ratio
BWR	boiling water reactor
CANDU	Canada deuterium–uranium (reactor)
CERN	European Organization Nuclear research
CESAR	test reactor located in France
CFR	code of Federal Regulations (USA)
CIRUS	Indian research reactor
EBR	extra breeding ratio
EDS	energy dispersive X ray spectroscopy
EFPD	effective full power day
EIR	Eidgenössisches Institut für Reaktorforschung
ENDF/B	evaluated nuclear data file, version b
EU	enriched uranium
FBR	fast breeder reactor
FIFA	fissions per fissionable atoms
FIMA	fissions per initial metal atom
FLATTOP	Los Alamos critical assembly
FOND-2	Russian library of evaluated nuclear data
FR	fast reactor
FSV	Fort St. Vrain HTGR
FWT	fuel waste toxicity
GT-MHR	gas turbine modular high-temperature reactor
HEU	high enriched uranium
HLLW	high level liquid waste
HTR	high temperature reactor
HTGR	high temperature gas cooled reactor
HTLTR	high temperature lattice test reactor
HWR	heavy water reactor
ICRP	International Commission on Radiological Protection
IFMSD	impact fusion molten salt breeder
IGCAR	Indira Gandhi Center for Atomic Research
IHMSB	inertial confined fusion hybrid msb
INFCE	International Nuclear Fuel Cycle Evaluation

IPA	Isopropanol
IPPE	Institute for Physics and Power Engineering
ITREC	Italian test reactor facility
JEF	Joint European Nuclear File
JENDL	Japanese evaluated nuclear data set
JEZEBEL	Los Alamos critical assembly
JMTR	Japan material test reactor
JRR-3M	Japanese test reactor
KAMINI	Indian neutron source reactor
KATHER	critical experiment facility at KFA
KFA Jülich	Kernforschungsanlage, Jülich GmbH (Germany)
KfK	KernForschungszentrum, Karlsruhe GmbH (Germany)
KUCA	Kyoto University Critical Assembly
L	long time interval
LEU	low enriched uranium
LLFP	long lived fission products
LMFBR	liquid metal fast breeder reactor
LMFR	liquid metal fast reactor
LOTUS	Swiss critical facility
LWBR	light water breeder reactor
LWR	light water reactor
MAs	minor actinides
Magnox-Reactors	gas cooled, graphite-moderated reactor with metallic fuel in a Magnox- matrix
MEU	medium enriched uranium
MHR	modular high-temperature reactor
MHTGR	modular high temperature graphite-moderated reactor
MHTR	modular high temperature reactor
MPC	maximum permissible concentration
MONJU	Japanese fast reactor
MSBR	molten salt breeder reactor
MSCR	molten salt convertor reactor
MSR	molten salt reactor
NEC	nuclear energy center
NFC	nuclear fuel cycle
NP	nuclear power
NPP	nuclear power plant
ORNL	Oak Ridge National Laboratory (USA)
OTT	once through thorium cycle
PHWR	pressurized heavy water reactor
PROFIT	plutonium rock like fuel
PWR	pressurized water reactor
PWL	pressurized water loop

RBMK R&D	water cooled, graphite-moderated Thermal power reactor (Russian) research and development
S	short time interval
SGMP	sol-gel microsphere pelletization
SLM	supported liquid membrane
SFPM	synthetic fuel production machine
SSCR	spectral shift controlled reactor
SSET	self sustaining equilibrium thorium fuel cycle
SSNTD	solid state nuclear track detector
SVRC	sodium void reactivity coefficient
SVRE	sodium void reactivity effect
TD	theoretical density
Th-based	thorium based
Thorex	thorium extraction (process)
THORIUM-NES	thorium molten salt nuclear energy synergistics
THTR	thorium high temperature reactor
TPEs	transplutonium elements
TRUs	transuranic (elements)
UNSCEAR	United Nations Scientific Committee on the Effect of Atomic Radiation
WWER	water moderated, water cooled reactor (not VVER)

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