

FREQUENTLY USED ABBREVIATIONS

ACS	Auxiliary Cooling System
AEC	Atomic Energy Corporation
AHX	Auxiliary Heat Exchanger
AOO	Anticipated Operational Occurrence
ATWS	Anticipated Transient Without Scram
AVR	Arbeitsgemeinschaft Versuchsreaktor
BATAN	National Atomic Energy Agency of Indonesia
BNFL	British Nuclear Fuels plc.
CAESAR	Catalytically Enhanced Solar Absorption Receiver
CC	Combined Cycle
CCS	Core Conditioning System
CR	Control Rod
CRDM	Control Rod Drive Mechanism
CRP	Coordinated Research Programme
CSS	Cold Shutdown System
CV	Containment Vessel
DBA	Design Basis Accident
ECN	Netherlands Energy Research Foundation (now NRG)
EIA	Environmental Impact Assessment
EPRI	Electric Power Research Institute
FA	Fuel Assembly

FC	Fuel Cell
FEB	Fuel and Energy Balance
FHS	Fuel Handling System
FHSS	Fuel Handling and Storage System
FSV	Fort St. Vrain
FZJ	Forschungszentrum Juelich GmbH (previously KFA)
GA	General Atomics
GCR	Gas Cooled Reactor
GHTRN	Global High Temperature Reactor Network
GT	Gas Turbine
GT-MHR	Gas Turbine-Modular Helium Reactor
GT-ST	Gas Turbine/Steam Cycle
HENDEL	Helium Engineering Demonstration Loop
HEU	High Enriched Uranium (fuel)
HRB	Hochtemperatur-Reaktorbau
HKG	Hochtemperatur-Kernkraftwerk GmbH
HPC	High Pressure Compressor
HPTF	High Pressure Test Facility
HSE	Health and Safety Executive
HTGR	High Temperature Gas Cooled Reactor
HTR	High Temperature Reactor
HTES	High Temperature Electrolysis of Steam
HTTR	High Temperature Engineering Test Reactor
HTR-10	High Temperature Reactor Test Module

HX	Heat Exchanger
IAEA	International Atomic Energy Agency
IC	Intercooler
IDC	Industrial Development Corporation
IHX	Intermediate Heat Exchanger
INCOGEN	Inherently Safe Nuclear COGENerator
INET	Institute of Nuclear Energy Technology
IS	Iodine-Sulfur Process
ISFSI	Independent Spent Fuel Storage Installation
IST	Integrators of System Technology
IWWGGCR	International Working Group on Gas Cooled Reactors
JMTR	Japan Materials Testing Reactor
JAERI	Japan Atomic Energy Research Institute
LEU	Low Enriched Uranium (fuel)
LPC	Low Pressure Compressor
LWR	Light Water Reactor
MCS	Main Cooling System
MHR	Modular Helium Reactor
MHTGR	Modular High Temperature Gas Cooled Reactor
MINATOM	Ministry of Atomic Energy of Russia
MIT	Massachusetts Institute of Technology
MPS	Main Power System
NNR	National Nuclear Regulator
NPP	Nuclear Power Plant

NRC	Nuclear Regulatory Commission
NRG	ECN Nuclear Research
OECD	Organization for Economic Cooperation and Development
OKBM	Experimental Machine Building Design Bureau
PBMR	Pebble Bed Modular Reactor
PC	Precooler
PCRV	Prestressed Concrete Reactor Vessel
PCS	Power Conversion System
PCU	Power Conversion Unit
PCV	Power Conversion Vessel
PPWC	Primary Pressurized Water Cooler
PRA	Probabilistic Risk Assessment
PTG	Power Turbine Generator
PyC	Pyrolytic Carbon (Coating)
QC	Quality Control
RAHP	Research Association of HTGR Plant
RCCS	Reactor Cavity Cooling System
RCM	Research Coordination Meeting
RCS	Reactivity Control System
RCSS	Reactivity Control and Shutdown System
RPV	Reactor Pressure Vessel
RS	Reactor System
RSS	Reserve Shutdown System
SAFSTOR	Safe Storage or Safe Enclosure Decommissioning

SAS	Small Absorber Sphere
SC	Steam Cycle
SCS	Shutdown Cooling System
SHE	Shutdown Heat Exchanger
S/G	Steam Generator
SiC	Silicon Carbide (Coating)
SINTER	Safety Related Nuclear Reactor Technology Elements-R&D
SCHP	Solar Chemical Heat Pipe
SOFC	Solid Oxide Fuel Cell
SPWC	Secondary Pressurized Water Cooler
TCM	Technical Committee Meeting
THTR	Thorium High Temperature Reactor
T/M	Turbomachine
TRISO	Coated Fuel Particle with PyC, SiC and PyC coatings
VCS	Vessel Cooling System
VHTR	Very High Temperature Reactor
WIS	Weizmann Institute of Science