ACRONYMS

AGR Advanced gas (cooled) graphite (moderated) reactor (uses low enrichment

uranium oxide fuel with a typical U-235 content of about 2%)

BWR Boiling (light)-water (moderated and cooled) reactor (uses low enrichment

uranium oxide fuel with a typical content of U-235 from 2.5% to 3%);

FGPu Fuel-grade plutonium

GCR Gas (cooled) graphite (moderated) reactor (uses natural uranium metallic

fuel)

HM Heavy metal

IAEA International Atomic Energy Agency

ISIS Institute for Science and International Security

LWGR Light-water (cooled) graphite (moderated) reactor (uses low enrichment

uranium oxide fuel with a typical content of U-235 from 1.8% to 2%);

LWR Light-water reactor

MOX fuel Mixed uranium-plutonium oxide fuel

NPP Nuclear Power Plant

NPT Nuclear Non-Proliferation Treaty
NRB Russian Radiation Safety Standards
ORNL Oak Ridge National Laboratory

PHWR Pressurized heavy-water (moderated and cooled) reactor (uses natural

uranium oxide fuel)

PWR Pressurized (light)-water (moderated and cooled) reactor (uses low

enrichment uranium oxide fuel with a typical content of U-235 from 3.2%

to 4.4%)

RGPu Reactor-grade plutonium

SNF Spent nuclear fuel

WGPu Weapon-grade plutonium