

Annex A – Acronyms, abbreviations & radionuclides

AGR	Advanced Gas-cooled Reactor
ALARA	As Low As Reasonably Achievable
AWE	Atomic Weapons Establishments
BAT	Best Available Technology
BE	British Energy
BERR	Department for Business, Enterprise & Regulatory Reform
BPEO	Best Practicable Environmental Option
BPM	Best Practicable Means
BSSD	Basic Safety Standards Directive
BTC	British Technology Centre
C&M	Care & Maintenance
COMARE	Committee on Medical Aspects of Radiation in the Environment
CP	Contracting Party
DECC	Department of Energy & Climate Change
Defra	Department for Environment, Food & Rural Affairs
DNSR	Defence Nuclear Safety Regulator
DOE-NI	Department of the Environment, Northern Ireland
DSDC	Defence Storage & Distribution Centre
DSG	Defence Support Group
DSTL	Defence Science & Technology Laboratory
EA	Environment Agency
EARP	Enhanced Actinide Removal Plant
EO	Exemption Order (under RSA93)
EU	European Union
EURATOM	European Atomic Energy Community
FHP	Fuel Handling Plant
FSA	Food Standards Agency
FSC	Final Site Clearance
HALES	Highly Active Liquor Evaporation & Storage
HEPA	High Efficiency Particulate in Air
HMG	Her Majesty's Government
HPA	Health Protection Agency
HSE	Health & Safety Executive
IA	Impact Assessment
IAEA	International Atomic Energy Agency
ICRP	International Commission on Radiation Protection
ILW	Intermediate Level Waste
ISOLUS	Interim Storage of Laid-Up Submarines
JET	Joint European Torus
LLWR	Low Level Waste Repository
LWR	Light Water Reactor
MAC	Medium Active Concentrate
MAGNOX	Magnesium non-oxidising
MAM	Miscellaneous Activated Materials
MoD	Ministry of Defence

MOP	Magnox Operating Programme
MOX	Mixed Oxide Fuel
MRP	Magnox Reprocessing Plant
MRWS	Managing Radioactive Waste Safely
mSv	Millisieverts
NDA	Nuclear Decommissioning Authority
NIA65	Nuclear Installations Act 1965
NIEA	Northern Ireland Environment Agency
NII	Nuclear Installations Inspectorate
NNL	National Nuclear Laboratory
NORM	Naturally Occurring Radioactive Material
NRPB	National Radiological Protection Board
OGD	Other Government Department
OSPAR	Oslo and Paris Commission
PCM	Plutonium Contaminated Material
PET	Positron Emission Tomography Scanning
PFR	Prototype Fast Reactor
POCO	Post Operational Clean Out
PWR	Pressurised Water Reactor
RIFE	Radioactivity in Food & the Environment
RSA	RSA93 authorisation
RSA93	Radioactive Substances Act 1993
RSS	Radioactive Substances Strategy (of OSPAR)
RWMD	Radioactive Waste Management Directorate (of the NDA)
RWPG	Radioactive Waste Policy Group
SEA	Strategic Environmental Assessment
SG	Scottish Government
SEPA	Scottish Environment Protection Agency
SGHWR	Steam Generating Heavy Water Reactor
SIXEP	Site Ion Exchange Plant
SMP	Sellafield MOX Plant
SSA	Strategic Siting Assessment
SSBN	Trident Ballistic Nuclear Missile Submarine
SSN	Hunter Killer Submarine
STC	Springfields Technology Centre
TBq	Terabecquerels
THORP	Thermal Oxide Reprocessing Plant
UF₄	Uranium Tetrafluoride
UF₆	Uranium Hexafluoride
UKAEA	United Kingdom Atomic Energy Authority
UNCLOS	United Nations Convention on the Law of the Sea
UNSCEAR	United Nations Scientific Committee on the Effects of Atomic Radiation
UO₃	Uranium Trioxide
UOC	Uranium Ore Concentrate
µSv	Microsieverts
UUK	Urenco (UK) Limited
VLLW	Very Low Level Waste
WAG	Welsh Assembly Government
WAGR	Windscale Advanced Gas Reactor

WTEP

Waste Treatment & Enrichment Plant

Am-241	Americium-241
Ar-41	Argon-41
C-11,14	Carbon-11,14
Ce-144	Cerium-144
Cl-36	Chlorine-36
Cm-243,244	Curium-243,244
Co-57,58,60	Cobalt-57,58,60
Cr-51	Chromium-51
Cu-242,3,4	Copper-242,243,244
Cs-134,137	Caesium-134,137
F-18	Fluorine-18
H-3	Tritium
I-125, 129, 131	Iodine-125,129,131
In-111	Indium-111
Kr-85	Krypton-85
Nb-95	Niobium-95
Np-237	Neptunium-237
P-32,33	Phosphorus-32,33
Po-210	Polonium-210
Pu-239,240	Plutonium-239,240
Ra-223,228	Radium-223,228
Rn-220,222	Radon-220,222
Ru-106	Ruthenium-106
S-35	Sulphur-35
Sb-125	Antimony-125
Sr-89,90	Strontium-89,90
Tc-99	Technetium-99
Th-230,232	Thorium-230,232