

Glossary

NEA	OECD Nuclear Energy Agency
AFSSAPS	Agence française de sécurité sanitaire des produits santé (<i>French Agency for the Safety of Health Products</i>)
IAEA	International Atomic Energy Agency
ANCLI and ANCCLI	Association Nationale des Commissions (et des Comités) Locales d'Information (<i>French National Association of Local Information Commissions (and Committees)</i>)
ANDRA	Agence Nationale pour la gestion des Déchets Radioactifs (<i>French National Radioactive Waste Management Agency</i>)
APEC	Atelier Pour l'Entreposage du Combustible de Superphénix (Superphénix Fuel Storage Facility)
APM	Atelier pilote de Marcoule (procédé de vitrification) (Marcoule Pilot Facility (vitrification process))
ARS	Agence Régionale de Santé (<i>Regional Health Agency</i>)
ASN	Autorité de Sûreté Nucléaire (<i>French Nuclear Safety Authority</i>)
Radioactive cleanup	All operations aimed at reducing the radioactivity of a facility or site, particularly by decontamination or by the removal of materials.
Fuel assembly	Nuclear fuel component consisting of fuel rods held in place by a metal frame
ARENH	Regulated Access to Historic Nuclear Energy (tariff)
ASTRID	Advanced sodium technological reactor for industrial demonstration (fourth-generation programme)
Becquerel (Bq)	Unit of measure of nuclear activity (1 Bq = one nucleus decay per second)
C3P	Full Cost Accounting
CAS	Conseil d'Analyse Stratégique (<i>Strategic Analysis Council</i>)
CCE	Current Economic Cost
CEA	Commissariat à l'Energie Atomique et aux énergies alternatives (<i>French Alternative Energies and Atomic Energy Commission</i>)

CEFEN	Comité d'Expertise Financière des Engagements Nucléaires (<i>Nuclear Commitments Financial Expertise Committee</i>)
CLI	Commission Locale d'Information (<i>Local Information Committee</i>)
CNEF	Commission Nationale d'Evaluation du Financement des charges de démantèlement des installations nucléaires de base et de gestion des combustibles usés et des déchets radioactifs (<i>National Committee for the Evaluation of Funding for the costs of dismantling basic nuclear facilities and handling used fuel and radioactive waste</i>)
CRE	Commission de Régulation de l'Energie (<i>French Energy Regulatory Commission</i>)
Criticality	The level reached when the neutron production rate by fission is equal to the rate at which neutrons disappear through absorption and leakage to the outside
CSEN	Comité de Suivi des Engagements Nucléaires (<i>Nuclear Commitments Monitoring Committee</i>)
Curie	Former unit of measure of nuclear activity (1 Curie = 37 GBq)
Deconstruction	According to EDF: all operations carried out to achieve complete removal of a nuclear power plant (including final shutdown operations)
Dismantling	The stages following final shutdown of a nuclear power plant through to its decommissioning
DGEC	Direction Générale de l'Energie et du Climat (<i>General Directorate for Energy and Climate</i>)
DGEMP	Direction Générale de l'Energie et des Matières Premières (ancien nom de la DGEC) (<i>General Directorate for Energy and Raw Materials (now the DGEC)</i>)
DGPR	Direction Générale de Prévention des Risques (<i>General Directorate for Risk Prevention</i>)
DGRI	Direction Générale de la Recherche et de l'Innovation (<i>General Directorate for Research and Innovation</i>)
DGSCGC	Direction Générale de la Sécurité Civile et de la Gestion des Crises (<i>General Directorate for Civil Protection and Crisis Management</i>)
DGSNR	Direction Générale de la Sûreté Nucléaire et de la Radioprotection (<i>General Directorate for Nuclear</i>

	<i>Safety and Radiation Protection)</i>
DOE	Department Of Energy (United States)
DREAL	Direction Régionale de l'Environnement, de l'Aménagement et du Logement (<i>Regional Directorate for the Environment, Town and Country Planning and Housing</i>)
DSC	Direction de la Sécurité Civile (<i>Directorate for Civil Protection</i>)
SDR	Special Drawing Right
ECS	Evaluation Complémentaire de Sureté (Complementary Safety Assessment)
EDF	Electricité De France
EPR	European Pressurized Reactor
EPRUS	Etablissement de Préparation et de Réponse aux Urgences Sanitaires (<i>Health Emergency Preparedness and Response Agency</i>)
FTE	Full-Time Equivalent (used to measure staffing levels)
EURATOM	European Atomic Energy Community
LLW	Low-Level Waste (radioactive waste)
FARN	Force d'Action Rapide Nucléaire (<i>Nuclear Rapid Response Force</i>)
Fission	Splitting of a heavy nucleus – generally on impact with a neutron – into two smaller nuclei, accompanied by the emission of neutrons, radiation and the release of a considerable amount of heat.
GIF	Generation IV International Forum
GW	Gigawatt symbol unit of power. 1 gigawatt = 1 million kilowatts.
GWh	Gigawatt hour: unit of energy corresponding to 1 million kilowatt hours.
HLW	High-Level Waste (radioactive waste)
HCTISN	Haut Comité à la Transparence et à l'Information sur la Sécurité Nucléaire (<i>French High Committee for Transparency and Information on Nuclear Safety</i>)
HFDS	Haut Fonctionnaire de Défense et de Sécurité (<i>Senior Defence and Security Official</i>)
IAS	International Accounting Standards
ICEDA	Installation de Conditionnement et d'Entreposage de Déchets Activés (Bugey) (Activated Waste Conditioning and Storage Facility (Bugey))
ICPE	Installations Classées pour la Protection de

	l'Environnement (Environmentally regulated facilities)
IFRS	International Financial Reporting Standards
INB	Installation Nucléaire de Base (Basic Nuclear Installation)
INSERM	Institut national de la Santé et de la Recherche Médicale (<i>French National Institute of Health and Medical Research</i>)
IPSN	Institut de Protection de Sureté Nucléaire (<i>Institute for Nuclear Safety and Protection</i>)
IRSN	Institut de Radioprotection et de Sûreté Nucléaire (<i>French Institute for Radiological Protection and Nuclear Safety</i>)
ITER	International Thermonuclear Experimental Reactor (nuclear fusion research programme)
kW (kilowatt)	Kilowatt symbol, corresponding to 1,000 Watts
kWh	Kilowatt hour symbol; unit of measurement of work and energy corresponding to 1,000 Watt hours
LFI	Loi de Finances Initiale (Initial Budget Act)
LFR	Loi de Finances Rectificative (Revised Budget Act)
ILW	Intermediate-Level Waste (radioactive waste)
FS	Final Shutdown
CAPM	Capital Asset Pricing Model
MEDDTL	Ministère de l'Ecologie, du Développement Durable, des Transports et du Logement (<i>French Ministry of Ecology, Sustainable Development, Transport and Housing</i>)
MESR	Ministère de l'Enseignement Supérieur et de la Recherche (<i>French Ministry of Higher Education and Research</i>)
Millisievert (mSv)	A thousandth of a sievert (the average annual background exposure dose in France is 2.4 mSv/person)
HM	Heavy metal, i.e. all the uranium and plutonium isotopes contained in the fuel to be reprocessed
MOX (mixed oxide fuel)	Mix of uranium and plutonium oxides to be used to produce nuclear fuel
IC	Industrial Commissioning
MSNR	Mission de la Sureté Nucléaire et de la Radioprotection de la DGPR (<i>Nuclear Safety and Radiation Protection Mission</i>)
MW	Megawatt symbol. Unit of power. 1 megawatt =

	1,000 kilowatts.
MWh	Megawatt hour symbol. Unit of energy. 1 MWh = 1000 kWh.
NOME	New Organization of the Electricity Market (NOME Act of 7 December 2010)
CBRN	Chemical, Biological, Radiological and Nuclear
NRC	Nuclear Regulatory Commission
OECD	Organisation for Economic Co-operation and Development
OPECST	Office Parlementaire d'Evaluation des Choix Scientifiques et Techniques (<i>French Parliamentary Office for the Evaluation of Scientific and Technological Choices</i>)
OPRI	Office de Protection contre les Rayonnements Ionisants (<i>Office for Protection against Ionizing Radiation</i>)
Radioactive half-life	Time taken for half of the atoms in a sample of radioactive substances to naturally decay
PLF	Projet de Loi de Finances (<i>French budget bill</i>)
GNP	Gross National Product
PNGMDR	Plan National de Gestion des Matières et des Déchets Radioactifs (<i>French National Radioactive Materials and Waste Management Plan</i>)
PPI	Multi-year investment programme
P_u	Plutonium
EPP	On-site Emergency Plan
PWR	Pressurized water reactor
Radioactivity	The property due to which certain bodies emit radiation and change into other bodies: radioactivity is characterized by the radiation emitted and the rate of transformation
RCD	Waste Recovery and Conditioning
TPNL	Third Party Nuclear Liability
RCEN	Civil liability for nuclear damage
RCTN	Nuclear Transport Civil Liability
PWR	Pressurized Water Reactor
HFR	High Flux Reactor
RTE	Réseau de Transport d'Electricité (French national grid company)
SDIS	Service Départemental d'Incendie et de Secours (<i>"Département" fire and emergency services</i>)
Sievert (Sv)	Unit of measure of dose equivalent, i.e. the quantity

	of ionizing radiation energy absorbed by one kilo of living matter
VLLW	Very Low Level Waste (radioactive waste)
TSN	French Nuclear Security and Transparency Act (13 June 2006)
TWh	Terawatt hour symbol. Unit of energy corresponding to 1 billion kWh.
DU	Depleted uranium
UNE	Enriched Natural Uranium
GMGC	Graphite-Moderated Gas-Cooled (second generation reactor)
UP1 and 2	Marcoule reprocessing plants
ERU	Enriched Recycled Uranium
RU	Recycled uranium
SL	Short Lived (radioactive waste)
LL	Long Lived (radioactive waste)
MS	Marketable Security
WACC	Weighted Average Cost of Capital