

HPC COMPANY DOCUMENT

HINKLEY POINT C MATERIAL CHANGE APPLICATION EIA SCOPING REPORT - GLOSSARY AND ABBREVIATIONS

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1. GLOSSARY

Term	Definition
Aspect	Factors to be scoped out of or into an EIA for a project including those factors identified in Regulation 5(2) of <i>The Infrastructure Planning (EIA) Regulations 2017</i> .
Decommissioning phase	The final phase in the life cycle of a nuclear power station covering all activities from shutdown and removal of fissile material to environmental restoration of the site.
Development Consent Order (DCO)	A DCO is the form by which the Infrastructure Planning Commission grants consent for development applied for under the Planning Act 2008. A DCO will combine a grant of planning permission with a range of other separate consents, such as listed building consent.
Environmental Impact Assessment (EIA)	A method or procedure for predicting the effects on the environment of a proposal, either for an individual project or a higher-level “strategy” (a policy, plan or programme), with the aim of taking account of these effects in decision-making.
Environmental Statement (ES)	The document reporting the process and outcomes of the EIA.
Geological Disposal	A long-term management option involving the emplacement of radioactive waste in an engineered underground Geological Disposal Facility (GDF) where the geology (rock structure) provides a barrier against the escape of radioactivity and there is no intention to retrieve the waste once the facility is closed.
Habitats Regulations Assessment (HRA)	A Habitats Regulations Assessment (HRA) refers to the assessment which must be undertaken in accordance with the Conservation of Habitats and Species Regulations 2017 (as amended) to determine if a project may affect the protected features of a habitats site before deciding whether to undertake, permit or authorise it.
Hinkley Point A (HPA)	A Magnox Generation Power Station. Commissioned in 1965 and closed in 2000. Currently being decommissioned which is expected to be completed around 2100.
Hinkley Point B (HPB)	An Advanced Gas Cooled Reactor (AGR) commissioned in 1976. The current scheduled closure date is expected to be around July 2022.
Hinkley Point C (HPC)	The proposed new nuclear power station.
Hinkley Point C (HPC) Development Site	The HPC Development Site comprises land required for the permanent power station development together with construction areas. The total land take is 175.2 Ha.
Hinkley Point C (HPC) Project	The overall proposed development of the HPC new nuclear power station and all on-site and off-site associated development.
NNB Generation Company Limited (NNB)	NNB Generation Company Limited, part of EDF Energy, is the Company that is the licensee for the development at HPC.
Scoping Report	The scoping report is produced prior to an ES to outline key issues associated with a project and helps to assist the relevant regulator in providing an EIA scoping opinion on the development proposals.
Spent fuel	Spent fuel is nuclear fuel that has been irradiated in and permanently removed from a reactor core. Due to the long half-life of a proportion of the radionuclides contained within spent fuel, its level of activity (and the fact this means it produces heat for long periods) and its fissile content (meaning it has the potential to be recycled and also raises security issues) means that the management of spent fuel is an important issue for the design of any new nuclear power station. The characteristics of spent fuel mean that it

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Term	Definition
	is management in a similar way to High Level Radioactive Waste (HLW) due to the high activity and heat generating characteristics.
The 2015 Amendment Order	The Hinkley Point C (Nuclear Generating Station) (Amendment) Order 2015
The 2017 Amendment Order	The Hinkley Point C (Nuclear Generating Station) (Amendment) Order 2017
The 2018 Amendment Order	The Hinkley Point C (Nuclear Generating Station) (Amendment) Order 2018
The 2021 Amendment Order	The Hinkley Point C (Nuclear Generating Station) (Amendment) Order 2021

2. ABBREVIATIONS

Abbreviation	Term
AFD	Acoustic Fish Deterrent
ALARP	As low as reasonably practicable
AOD	Above ordnance datum
BAT	Best Available Technique
BEIS	Department for Business Energy and Industrial Strategy
CO ₂	Carbon dioxide
CO _{2e}	Carbon dioxide equivalent
CWS	Cooling Water System
DCLG	Department for Communities and Local Government
DCO	Development Consent Order
DECC	Department of Energy and Climate Change
Defra	Department for Environment, Food and Rural Affairs
DLUHC	Department for Levelling Up, Housing and Communities
DoE	Department of Energy
EEA	European Economic Area
EIA	Environmental Impact Assessment
EMMP	Environmental Management and Monitoring Plan
EoG	End of Generation
ES	Environmental Statement
EU	European Union
FRR	Fish recovery and return
GDF	Geological Disposal Facility
GWP	Global Warming Potential
HEPA	High Efficiency Particulate Air
HPA	Hinkley Point A
HPB	Hinkley Point B
HPC	Hinkley Point C
HRA	Habitats Regulations Assessment
HSE	Health Safety Executive
ICES	International Council for Exploration of the Sea
IFCA	Inshore Fisheries and Conservation Authorities
ISFS	Interim Spent Fuel Store
kV	Kilovolt
LCA	Life Cycle Assessment
LVSE	Low velocity side entrances
MADA	Multi-Attribute Decision Analysis

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Abbreviation	Term
MCZ	Marine Conservation Zone
MPS	Marine Policy Statement
MTF	Marine Technical Forum
MW	Megawatt
NPPF	National Planning Policy Framework
NPS	National Policy Statement
NSIP	Nationally Significant Infrastructure Project
ODMP	Office of the Deputy Prime Minister
ONR	Office for Nuclear Regulation
PEIR	Preliminary Environmental Information Report
PINS	Planning Inspectorate
PPS	Planning Policy Statement
RASCAR	Radioactive Substances Compliance Assessment Report
RPDP1 – 4	Environment Agency guidance <i>Radiological protection of people and the environment: generic developed principles</i>
RPG	Regional Planning Guidance
RSR	Radioactive Substances Regulation
ROV	Remotely-operated vehicle
SAC	Special Area of Conservation
SFIRF	Spent Fuel Inspection and Repackaging Facility
SP	Sounds projector
SPA	Special Protection Area
SPD	Supplementary Planning Documents
SSSI	Site of Special Scientific Interest
UKCP09	UK Climate Projections 2009
UKCP18	UK Climate Projections 2018
WDA	Water Discharge Activity
WMO	World Meteorological Organization
ZTV	Zone of Theoretical Visibility