White Rose Carbon Capture and Storage (CCS) Project

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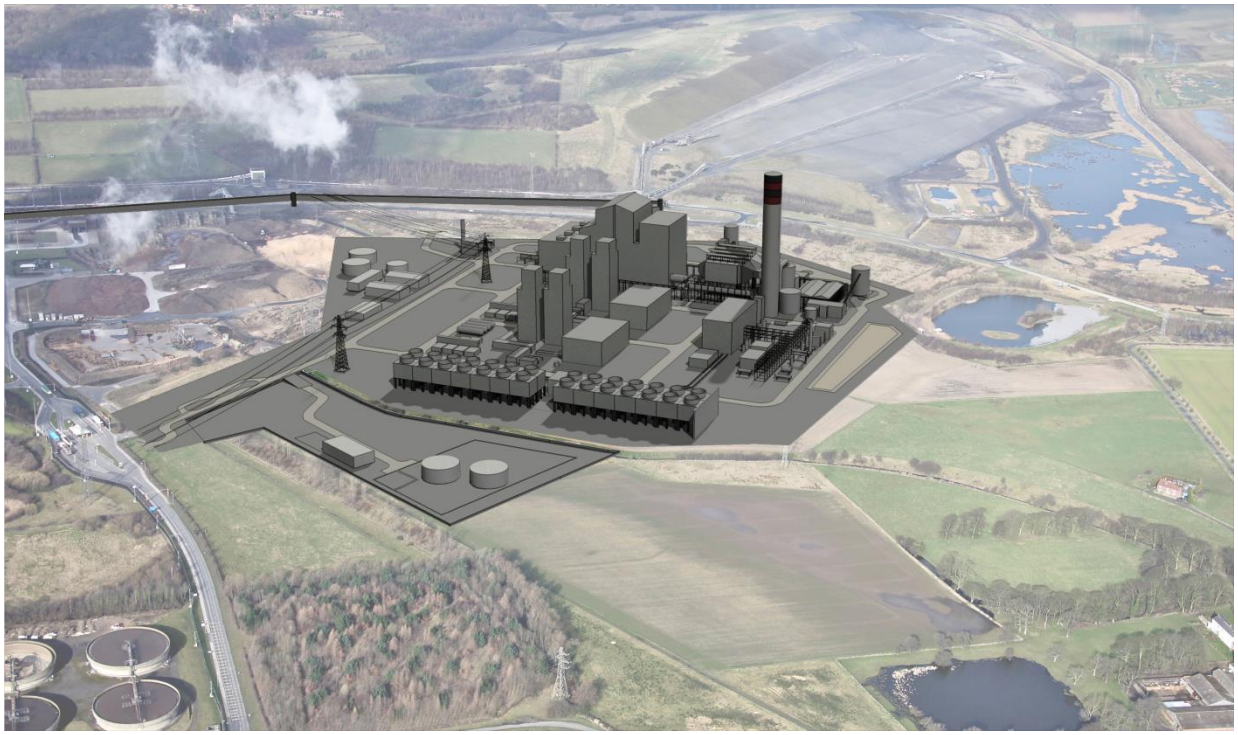
The White Rose CCS (Generating Station) Order

Land adjacent to and within the Drax Power Station, Drax, near Selby, North Yorkshire

Environmental Statement Mitigation Annex

The Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009



Applicant: Capture Power Limited
Date: May 2015

Document History

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TABLES

1.0 INTRODUCTION

1.1 The Examining Authority's (ExA's) Rule 8 letter dated 29 April 2015 includes a number of procedural decisions at Annex C. Procedural decision (5). At Annex C, requests that in support of the draft Development Consent Order ('DCO') the Applicant provides:

"…an Annex bringing together all mitigation needs (from the Environmental Statement and all application and supporting documentation) and where and how these are to be secured in requirements or through other binding and enforceable mechanisms. This should be fully cross-referenced and should be in a form that is capable of tracking and updating throughout the examination…"

1.2 The ExA's Rule 8 letter (Annex C) confirms that the deadline for the initial provision of the Annex is 20 May 2015, Deadline 1 of the Examination.

1.3 This document has therefore been produced in response to the ExA's procedural decision. It is intended as a 'live' document that can be updated, as required, throughout the course of the Examination. The mitigation measures/needs for the Project are set out in Table 2.1 within Section 2 of the document.

2.0 MITIGATION MEASURES/NEEDS

2.1 The mitigation measures/needs for the Project are set out in Table 2.1 below. Table 2.1 is intended to:

- Provide an audit trail of the controls and mitigation measures upon which the Project would rely to avoid, reduce and/or off-set significant effects and impacts (these controls and mitigation measures are contained within the Environmental Statement ('ES') (Document Refs. 6.1 to 6.4) and other Application documents.
- Set out how the controls and mitigation measures have been, or would be be secured through the DCO (Document Ref. 2.1), including the requirements contained at Schedule 2 and/or other consenting and regulatory regimes.

Table 2.1 - Mitigation Measures/Needs

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
1.	Volume 1, Chapter 5, Section 5.2.1	Materials will be screened prior to use, in order to avoid introducing any potential contamination source to the Project site.	Construction	Requirement 4(3) secures the approval of the material to be used for site raising comprised within Work Nos. 1A and 1B.
2.	Volume 1, Chapter 5, Section 5.4.1	Emissions to air will meet the UK applicable standards and limits.	Operation	The Environmental Permit ('EP') for the existing Drax Power Station provides controls in relation to emissions to air (see Schedule 4). The EP will be varied to cover the Project. In addition, the Energy Act 2013 section 57 imposes a duty on operators of any fossil fuel plant (such as that proposed) to limit annual CO_2 emissions.
3.	Volume 1, Chapter 5, Section 5.4.1	The Project will include flue gas cleaning equipment to reduce the particulate air pollutants and SOx and nitrogen oxides (NOx) created during combustion.	Operation	To be secured via the controls prescribed within the Environmental Permit. Details regarding the flue gas abatement plant have been included in the EP application for a variation and include the use of electrostatic precipitators, selective catalytic reduction and flue gas desulphurisation to reduce emissions of particulates, oxides of nitrogen and sulphur dioxide respectively to comply with specific limits.
4.	Volume 1, Chapter 5, Section 5.4.7	Oil-contaminated effluents will be treated by an oil-water separator, with separated oil remaining in the separator for removal and disposal off site by licensed contractors.	Operation	To be secured via the controls prescribed within the EP.
5.	Volume 1, Chapter 5, Section 5.4.7	Effluents with the potential for causing chemical contamination of receiving waters will be routed to the effluent neutralisation plant.	Operation	To be secured via the controls prescribed within the EP. The discharge limits within the existing Drax EP will remain in place and will not be varied thus ensuring no impact from the Project.
6.	Volume 1, Chapter 5, Section 5.4.7	Some process effluents will be directed to a retention basin (primary holding sump); others	Operation	To be secured via the controls prescribed within the EP. The discharge limits within the existing Drax EP

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
		will be discharged if they are compliant with Drax's existing discharge consent.		will remain in place and will not be varied thus ensuring no impact from the Project.
7.	Volume 1, Chapter 5, Section 5.4.7	Sanitary and domestic waste water will be discharged to the existing Drax treatment plant.	Operation	Requirement 12 secures the approval and implementation of both temporary and permanent surface and foul water drainage.
8.	Volume 1, Chapter 5, Section 5.5.1	No work will take place on Sunday or bank holidays (other than in exceptional circumstances).	Construction	Requirement 20 limits construction working hours, subject to the specified exceptions
9.	Volume 1, Chapter 5, Section 5.5.3	To aid reinstatement, and also to minimise damage to the sub-soil, the storage areas will be covered with geotextile membranes.	Construction	Requirement 18 secures the approval and implementation of a Construction and Environmental Management Plan ('CEMP'). This must be in accordance with the principles in the ES and it is proposed that the requirement will also refer to the Mitigation Annex. The draft CEMP states that the final CEMP will include a soil management plan (para 5.2).
10.	Volume 1, Chapter 5, Section 5.5.3	Laydown Area 7 - Woody vegetation will be retained along the fringes of the areas as practicable. .	Construction	Requirement 18 secures the approval and implementation of a CEMP, which must be in accordance with the ES. The draft CEMP states that the final CEMP will include a biodiversity measures (para 5.2).
11.	Volume 1, Chapter 5, Section 5.6.5	Lighting design will be undertaken for both construction and operation in compliance with guidance issued by the Institution of Lighting Engineers (Guidance Notes for the Reduction Obtrusive Light 2005) and the publication by Department for Communities and Local Government (DCLG) Lighting in the Countryside: Towards Good Practice.	Construction and Operation	Requirements 8 and 9 respectively secure the approval of external lighting for the construction and operational phases of the Project.

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12.	Volume 1, Chapter 5, Section 5.9.3	The Project has been designed to ensure, as far as practicable, structures and equipment will be made from recyclable materials so that during decommissioning the materials can be reused or recycled elsewhere.	Decommissioning	Requirement 26 secures the approval and implementation of a decommissioning scheme that would cover aspects relating to the re-use and recycling of materials.
13.	Volume 1, Chapter 5, Section 5.9.3	The design of the coal milling plant and boiler for the Project will be optimised to produce PFA and FBA of a quality that allows them to be sold on the market and therefore the proportion of ash sent to landfill is expected to decrease.	Operation	To be secured via the controls prescribed within the EP. The EPC contract will contain a Minimum Functional Specification for the plant. This will include a targeted ash quality as per EN450 standard: Fly ash for concrete. Definition, specifications and conformity criteria to maximise the scope for the commercial use of ash.
14.	Volume 1, Chapter 5, Section 5.9.3	Amenity issues (litter, dust, odour and vermin etc.) will be mitigated through covered containerisation and appropriate dust and odour control equipment as required by the Environmental Permit.	Construction and Operation	Requirement 18 secures a CEMP that will cover such matters during the construction phase. Operational effects will be controlled through the EP. Requirement 25 secures approval and implementation of waste management plans for both the construction and operational phases.
15.	Volume 1, Chapter 6, Section 6.2.2 Volume 2, Chapter D, Geology Technical Report, Section 5.2	An overarching Construction Environmental Management Plan (CEMP) will demonstrate how risks will be managed, how mitigation will be delivered by the construction contractor and the how the effectiveness of mitigation will be monitored. This will include mitigation measures for avoiding spills and leaks of materials used during the construction process, such as fuels, oil and lubricants. The CEMP will be developed in consultation with	Construction	Requirement 18 secures a CEMP that would cover such matters and incorporate the mitigation measures within the ES and this Annex.

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		the EA and the site contractor.		
16.	Volume 1, Chapter 6, Section 6.2.2 Volume 2, Chapter D, Geology Technical Report, Section 5.2 Volume 2, Chapter D, Geology Technical Report, Section 5.4	Minimisation of materials moved onto and around the site through careful design of the site and the construction schedule.	Construction and Decommissioning	Requirement 25 requires approval and implementation of waste management plans for both the construction and operational phases.
17.	Volume 1, Chapter 6, Section 6.2.2 Volume 2, Chapter D, Geology Technical Report, Section 5.2 and 5.4	Fill material used during site raising will be validated prior to use and tracked from origin.	Construction and Decommissioning	Requirement 4(3) secures the approval of materials to be used for site raising. The CEMP (Requirement 18) will contain procedures to validate the suitability of imported materials. Requirement 26 secures the approval and implementation of a decommissioning scheme, which must cover restoration works and the condition of the land.
18.	Volume 1, Chapter 6, Section 6.2.2 Volume 2, Chapter D, Geology Technical Report, Section 5.2	Minimisation of removal from site of materials during construction through reuse where appropriate on site.	Construction	Requirement 25 secures the approval and implementation of a waste management plan for the construction phase.
19.	Volume 2, Chapter D, Geology	The disposal of waste, including any surplus spoil, will be managed so far as is reasonably	Construction and Decommissioning	Requirement 25 requires the approval and implementation of a waste management plan for the

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	Technical Report, Section 5.2 and 5.4	practicable to maximise the environmental and development benefits from the use of surplus material and reduce any adverse environmental effects of disposal.		construction phase. Requirement 26 secures the approval and implementation of a decommissioning scheme that would cover aspects relating to the re-use and recycling of materials.
20.	Volume 1, Chapter 6, Section 6.2.2 Volume 2, Chapter D, Geology Technical Report, Section 5.2 Volume 2, Chapter D, Geology Technical Report, Section 5.4	Minimising the potential to create pathways for contaminants to travel to the Sherwood Sandstone aquifer through appropriate design of pilings. Planning and preparing for piling works will follow a separate Foundation Works Risk Assessment, and the construction activities will be undertaken in reference to Environment Agency guidance, specifically "Piling and Penetrative Ground Improvement Methods on Land Affected by Contamination: Guidance on Pollution Prevention".	Construction and Decommissioning	Requirement 14 secures the approval and implementation of a scheme to deal with contamination. Requirement 18 secures the approval and implementation of a CEMP, including details of piling. Requirement 26 secures approval and implementation of details of the decommissioning scheme.
21.	Volume 1, Chapter 6, Section 6.2.2 Volume 2, Chapter D, Geology Technical Report, Section 5.2	If contamination that has not been previously identified is encountered on the Site, no further development would take place which could disturb that contaminated material until a site investigation had been carried out and mitigation measures approved and applied. Moreover, the safety officer (or similar) will ensure that a workers' Safety Information Sheet is prominently displayed in rest/mess rooms and wash rooms covering such matters as hygiene, work practices and clothing requirements.	Construction	Requirement 14 secures the approval and implementation of a scheme to deal with contamination. The draft CEMP states that the final document will include a health and safety plan (para 5.2).
22.	Volume 1, Chapter 6, Section 6.2.2	In the unlikely scenario that contamination is found on Site and requires remediation, risk	Construction	Requirement 14 secures the approval and implementation of a contamination scheme including

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	Volume 2, Chapter D, Geology Technical Report, Section 5.2	assessments and a remediation strategy would be used to outline the treatment of the contaminated materials.		an assessment report and remedial measures.
23.	Volume 2, Chapter D, Geology Technical Report, Section 5.2	In the unlikely event that soil gas is identified as a risk requiring vapour / gas mitigation measures, monitoring would be carried out and the necessary gas mitigation measures would be applied.	Construction	Requirement 18 secures the approval and implementation of a CEMP which must be in accordance with the principles in the ES. The draft CEMP states that the final document will include a Soil Management Plan (para 5.2).
24.	Volume 1, Chapter 6, Section 6.2.2 Volume 2, Chapter D, Geology Technical Report, Section 5.2 and 5.4	A Waste Management Plan will be developed building on the Framework Waste Management Plan supplied in Volume 3, Section R. The plan will identify: responsibilities for waste management; the waste category and quantities of materials generated; measures to minimise waste generation; opportunities for recycling and/or re-use; proposed treatment and disposal routes; and licensing requirements. The Waste Management Plan will also include an audit programme to be undertaken to demonstrate compliance with statutory requirements.	Construction and Decommissioning	Requirement 25 secures approval and implementation of waste management plans for the construction phase. Requirement 26 secures approval and implementation of details of the decommissioning works.
25.	Volume 2, Chapter D, Geology Technical Report, Section 5.2 and 5.4	Provision will be made for a suitable environmental specialist to identify any 'special waste' as defined in the Special Waste Regulations 1996 so that it can be suitably	Construction and Decommissioning	Requirement 18 secures the approval and implementation of a CEMP which must be in accordance with the principles in the ES. The draft CEMP states that the final document will include a Site

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		managed and disposed of during works.		Waste Management Plan (para 5.2). The draft CEMP also identifies that waste management and monitoring will be dealt with in the final document (para 4.5). Requirement 26 secures approval and implementation of details of the decommissioning works. The scheme must be in accordance with the principles set out in the environmental statement.
26.	Volume 2, Chapter D, Geology Technical Report, Section 5.2	Appropriate precautions will be taken if materials containing asbestos are encountered. The contractor will observe the exposure limits and measurement methods for asbestos, set out in the Control of Asbestos Regulations (2012).	Construction	These matters are dealt with through the Control of Asbestos Regulations 2012. In addition, the draft CEMP states that the final document will include a Site Waste Management Plan (para 5.2).
27.	Volume 1, Chapter 6, Section 6.2.2 Volume 2, Chapter D, Geology Technical Report, Section 5.2	A Soil Management Plan (SMP) which will form part of the CEMP will be developed in line with DEFRA guidance document. The main objective of the SMP is to mitigate impacts to soils by preserving the ecologically (and economically) valuable topsoil in managed stockpiles that would otherwise be buried, compressed, mixed or lost. Topsoil in stockpiles are maintained until such time as they can be utilised on site for rehabilitation of land following decommissioning, e.g. on the construction camp and laydown areas.	Construction	Requirement 18 secures the approval and implementation of a CEMP which must be in accordance with the principles in the ES. The draft CEMP states that the final document will include a Soil Management Plan (para 5.2).
28.	Volume 1, Chapter 6, Section 6.2.2 Volume 2, Chapter D, Geology	A separate Sediment Control Plan (SCP) which will form part of the CEMP will be designed and followed by contractors throughout the construction process. This will outline the routine working and emergency	Construction and Decommissioning	Requirement 18 secures the approval and implementation of a CEMP which must be in accordance with the principles in the ES. The draft CEMP states that the final document will include a Soil Management Plan, a Surface and Ground Water

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	Technical Report, Section 5.2 and 5.4	procedures for the control and mitigation of erosion and dust generation during excavations and soil handling, such as stockpiling soil away from watercourses and undertaking earthworks during dry weather conditions where possible.		Management Plan and a Site Emergency Response Plan (para 5.2).
29.	Volume 1, Chapter 7, Section 7.2.2 Volume 2, Chapter D, Geology Technical Report, Section 5.3	All areas where potentially polluting substances will be stored and used will be designed with appropriate bunding to industry standards. Bunds will provide 110% of stored volume and be constructed of impermeable materials.	Operation	This is a requirement of the Control of Pollution (Oil Storage) England) Regulations 2001 and also the EA's Pollution Prevention Guidelines. To be secured via the controls prescribed within the Environmental Permit
30.	Volume 1, Chapter 7, Section 7.2.2 Volume 2, Chapter D, Geology Technical Report, Section 5.3	Fuel will be offloaded at the existing Drax Power Station and transferred to the Site. Management procedures for waste transport on to /off the Site will be in place, and regularly audited.	Operation	The DCO includes Work No. 2 which includes the infrastructure to transfer fuel to the Project. Requirement 4(4) secures the details of the fuel transfer infrastructure at the site. In relation to waste, requirement 25 secures the approval and implementation of an operational waste management plan.
31.	Volume 1, Chapter 7, Section 7.2.2 Volume 2, Chapter D, Geology Technical Report, Section 5.3	The Project Site will be operated in accordance with best working practices and measures to protect the land and water environment will be in accordance with those set out in relevant Environment Agency Pollution Prevention Advice and Guidance (PPG) notes	Operation	Requirement 12 secures the approval and implementation of details of the permanent surface and foul water drainage. Requirement 14 secures the approval and implementation of a scheme to deal with contamination, including a management plan in respect of contaminants remaining on site.
32.	Volume 1, Chapter	Water abstraction will be within the current	Operation	The current abstraction licence limits abstraction from

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	7, Section 7.2.2	licence conditions, and these will continue to be monitored by Drax Power Limited, and regulated and permitted by the EA.		the River Ouse and the associated uses of the water. The volumes permitted in the licence do not require any variation and currently the uses remain the same.
33.	Volume 2, Chapter D, Geology Technical Report, Section 5.4	The construction laydown area will be reinstated following after construction and returned to agricultural use where appropriate.	Operation	Requirement 22 secures the approval and implementation of a scheme for the restoration of land used temporarily during construction.
34.	Volume 2, Chapter D, Geology Technical Report, Section 5.4	Management of excavated topsoils in stockpiles is a key element of the mitigation.	Decommissioning	Requirement 26 secures the approval and implementation of a decommissioning scheme including its phasing and the works to restore the land to an agreed condition. The scheme must be in accordance with the principles set out in the ES.
35.	Volume 2, Chapter D, Geology Technical Report, Section 5.4	Site investigations will be undertaken before decommissioning to assess the potential for contamination from the operational phase. If the potential for contamination exists, no material will be moved until the risks of that contamination have been assessed and can be appropriately managed.	Decommissioning	Requirement 26 secures the approval and implementation of a decommissioning scheme including its phasing and the works to restore the land to an agreed condition. The scheme must be in accordance with the principles set out in the ES.
36.	Volume 2, Chapter D, Geology Technical Report, Section 5.4	Following decommissioning rehabilitation of land areas designated to be returned to agricultural use if appropriate.	Decommissioning	Requirement 26 secures the approval and implementation of a decommissioning scheme including its phasing and the works to restore the land to an agreed condition. The scheme must be in accordance with the principles set out in the ES.
37.	Volume 1, Chapter 6, Section 6.3.2	Full compliance with Construction Design and Management Regulations 2007 and other Health and Safety legislation will apply throughout any works on the Site (including any pre-construction activities).	Construction	Legislation such as that cited (now in the Construction (Design and Management) Regulations 2015) applies to the construction of the Project and provides a system of regulation.
38.	Volume 1, Chapter 6, Section 6.3.2	A temporary site emergency response and contingency plan will be developed in	Construction and Decommissioning	Requirement 13 requires the approval and implementation of a flood risk mitigation scheme during

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	Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.4	consultation with the Environment Agency (EA), Selby District Council (SDC) and the EPC contactor. The plan will include measures (e.g. egress and access routes, safe refuge) for safety of people working on Site should flooding occur and affect non-raised areas such as the construction laydown areas.		construction. The draft CEMP states that the final document will include a Site Emergency Response Plan (para 5.2). Requirement 26 secures the approval and implementation of a decommissioning scheme which is the appropriate time to consider detailed matters of safety and flood risk. The scheme must be in accordance with the principles set out in the ES.
39.	Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.2	As a precautionary approach for excavation work, if contamination that has not been previously identified is encountered on the Site, no further development would take place (except to the extent that would not disturb that contamination) until a site investigation was carried out and mitigation measures were approved by SDC and applied.	Construction	Requirement 14 secures the approval and implementation of a contamination scheme including an assessment report and remedial measures.
40.	Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.2	All dewatering activities during excavation and foundation works will include monitoring of water discharges or sediment laden runoff, and will be treated prior to discharge to nearby watercourses. Water with high fine particle content will transit through a sedimentation pond.	Construction	Requirement 12 secures the approval and implementation of temporary surface and foul water drainage systems, including means of pollution control. The draft CEMP identifies dewatering as an activity to be monitored (para 4.5).
41.	Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.2	Performance of the construction site drainage network, including foul drainage provisions, will be monitored regularly for water quality before discharge.	Construction	Requirement 12 secures the approval and implementation of temporary surface and foul water drainage systems, including means of pollution control. The details are required to be in accordance with the principles set out in the ES. The draft CEMP identifies drainage performance and water quality monitoring as an activity to be dealt with in the final document (para

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
				4.5).
42.	Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.2	In the event of accidental spills involving hydrocarbons, any contaminated water will be isolated at the closest intermediate point of intervention and appropriately treated or discharged of.	Construction	The draft CEMP identifies that the final document will include a Site Emergency Response Plan (para 5.2) which will set out the procedures to be followed for emergencies and incidents (as per para 4.7).
43.	Volume 1, Chapter 6, Section 6.3.2 Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.2	The finished floor level on the Site will be raised above the 1 in 200 year tidal (including the impact of climate change) flood level (i.e. 5.13 m Above Ordnance Datum) with appropriate fill material, including capping layers and granular drainage layers.	Construction and operation.	The Project includes site raising, the material used and the finished floor level are to be approved under requirement 4(3). Requirement 13 requires the approval and implementation of flood risk mitigation.
44.	Volume 1, Chapter 6, Section 6.3.2 Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.2, 5.3 and 5.4	The Project Site will be constructed in accordance with best working practices and measures to protect the water environment will be in accordance with those set out in relevant EA Pollution Prevention Advice and Guidance (PPG) notes.	Construction, Operation and Decommissioning	The draft CEMP identifies that the final document will include a Surface and Ground Water Management Plan and a Site Emergency Response Plan (para 5.2). Requirement 12 secures the approval and implementation of the permanent surface and foul water drainage systems. Requirement 18 secures the approval and implementation of a CEMP. Requirement 26 secures the approval and implementation of a decommissioning scheme, which must be in accordance with the principles in the ES, and is the appropriate point at which to consider detailed matters to protect the water environment.

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45.	Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.2	A separate Sediment Control Plan (SCP) will be designed and followed by contractors throughout the construction process. This will outline the routine working and emergency procedures for the control and mitigation of erosion and dust generation during excavations and soil handling, such as stockpiling soil away from watercourses and undertaking earthworks during dry weather conditions where possible.	Construction and Decommissioning	The draft CEMP states that the final document will include a Site Emergency Response Plan, a Soil Management Plan and a Surface and Ground Water Management Plan (para 5.2). The final CEMP will be secured by requirement 18. Requirement 26 secures the approval and implementation of a decommissioning scheme which is the appropriate time to consider detailed matters relating to soil. The scheme must be in accordance with the principles set out in the ES.
46.	Volume 1, Chapter 6, Section 6.3.2 Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.2	The CEMP will include provision for a temporary sustainable drainage system to deal with surface water runoff and a water quality monitoring system during the construction phase.	Construction	Requirement 12 secures the approval and implementation of temporary surface water drainage details, which must be in accordance with the CEMP. The draft CEMP identifies that the final document will include a Surface and Ground Water Management Plan (para 5.2) and water quality monitoring (para 4.5).
47.	Volume 1, Chapter 7, Section 7.3.2 Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.3	The process water required for and liquid effluents resulting from the Project will be managed by new proposed processing and treatment infrastructures and management systems.	Operation	Process water will be provided under the current abstraction licence. The management and discharge of liquid effluents will be secured via the controls prescribed within the EP.
48.	Volume 1, Chapter 7, Section 7.3.2	All water abstraction and discharge required during the operation will be within the current	Operation	Process water will be provided under the current abstraction licence. The management and discharge

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
		abstraction licences and discharge consents.		of liquid effluents will be secured via the controls prescribed within the variation to the Environmental Permit.
49.	Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.3	Operational effluents including oil-contaminated, chemically-contaminated, fuel, oil and cooling-water effluents will be discharged to an intercept pit, and waste water treatment plant, before being monitored and discharged via the existing Drax Power Station system.	Operation	To be secured via the controls prescribed within the EP
50.	Volume 1, Chapter 7, Section 7.3.2 Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.3	A completely new separate surface water management system will be introduced to manage surface water (rain water) runoff after development.	Operation	Requirement 12 secures the approval and implementation of the permanent surface water drainage details.
51.	Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.3	The exact quantities and nature of effluent discharge will be communicated and agreed with the EA prior to operation.	Operation	To be secured via the controls prescribed within the EP.
52.	Volume 1, Chapter 7, Section 7.3.2	Additional surface water runoff generated will be attenuated within the Site by providing a storage basin and then will be discharged to River Ouse under the existing Drax Power Station discharge consent.	Operation	Requirement 12 secures the approval and implementation of the permanent surface water drainage details. Any discharge to the River Ouse would need to comply with the terms of the existing EP (as varied to include the Project).
53.	Volume 1, Chapter	Surface water runoff, processing and waste	Operation	Requirement 12 secures the approval and

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
	7, Section 7.3.2 Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.3	water discharges to adjacent water bodies will be treated to the acceptable standards agreed with the EA by providing waste water treatment basin, siltation basin, surface water basin, separation ponds and a comprehensive monitoring system.		implementation of the permanent surface water drainage details. The EP will define discharge parameters and monitoring / reporting regime.
54.	Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.3	Data from the continuous and regular monitoring of water discharges will be integrated into the Project's data control system (DCS) with relevant signals operating control-room alarms. Historical records of up to 10 years will be stored within the DCS and will be retrievable on demand.	Operation	To be secured via the controls prescribed within the EP.
55.	Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.3	Abstraction volumes exact quantities required will be communicated and agreed with the EA prior to operation and a regular flow monitoring system will be in place to record any adverse changes in water quality and quantity so as to not affect other local users (agricultural, domestic and industrial users).	Operation	Abstraction from the River Ouse will comply with the terms of the abstraction licence.
56.	Volume 1, Chapter 7, Section 7.3.2 Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.3	All areas where potentially polluting substances will be stored and used will be designed with appropriate bunding to industry standards. Bunds will provide 110% of stored volume and be constructed of impervious materials.	Operation	This is a requirement of the Control of Pollution (Oil Storage) England) Regulations 2001 and also the EA's Pollution Prevention Guidelines. To be secured via the controls prescribed within the Environmental Permit
57.	Volume 2, Chapter C, Surface Water	In the rare event of an oil spill into the bund system, the oil can be pumped out for re-use if	Operation	This is a requirement of the Control of Pollution (Oil Storage) England) Regulations 2001 and also the EA's

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
	and Flood Risk Technical Report, Section 5.3	possible, or disposed of in an environmentally acceptable manner.		Pollution Prevention Guidelines. To be secured via the controls prescribed within the EP.
58.	Volume 1, Chapter 7, Section 7.3.2 Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.3	Emergency and contingency plans will be developed to safeguard operational activity, Site users and quality of surface water.	Operation	Drax currently operates a certified Environmental Management System (EMS) which includes the management of incidents and accidents. The scope of the EMS will be modified to include the aspects and impacts of the White Rose CCS. The Environmental Permit will require a management system which identifies and minimises the risks of pollution including those arising from operations, maintenance, accidents, incidents and non-conformance.
59.	Volume 1, Chapter 7, Section 7.3.2 Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.3	The Project will be controlled under a variation to the existing Drax Power Station EP.	Operation	An application to vary the existing EP to include the Project has been submitted to the EA.
60.	Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.4	The construction laydown areas will be reinstated after construction and is intended to be returned to agricultural use where appropriate.		Requirement 22 secures the approval and implementation of a scheme for the restoration of land used temporarily during construction.
61.	Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.4	Decommissioning activities will be undertaken through the development of a Decommissioning Plan (DP). The Contractor will be required to adhere to the DP. It will include mitigation measures for avoiding spills	Decommissioning	Requirement 26 secures the approval and implementation of a decommissioning scheme which is the appropriate time to consider detailed matters relating to prevention of pollution. The scheme must be in accordance with the principles set out in the ES.

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
		and leaks of materials used during the decommissioning process, such as fuels, oil and lubricants. Within the context of surface water quantity and quality, the DP considers the drainage and water quality monitoring systems to deal with surface water runoff, sediments and contaminants migration during the decommissioning phase.		
62.	Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.4	The Project will fully comply with technical guidance and best practices documents relevant to the decommissioning and other Health and Safety legislation that will apply throughout any works on the Site.	Decommissioning	Requirement 26 secures the approval and implementation of a decommissioning scheme. The scheme must be in accordance with the principles set out in the environmental statement. Health and safety and related legislation and practice that is relevant at that time will apply to decommissioning works.
63.	Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.4	If contamination or risk that has not been previously identified is encountered on the Site, no further decommissioning works would take place (except to the extent that they would not disturb or diffuse that contamination or risk) until a site investigation was carried out and mitigation measures were approved by the EA and SDC and applied.	Decommissioning	Requirement 26 secures the approval and implementation of a decommissioning scheme which is the appropriate time to consider detailed matters relating to contamination. The scheme must be in accordance with the principles set out in the environmental statement.
64.	Volume 2, Chapter C, Surface Water and Flood Risk Technical Report, Section 5.4	The Safety Officer will ensure that a Workers' Safety Information Sheet is prominently displayed in rest/mess rooms and wash rooms covering hygiene, work practices, clothing requirements etc.	Decommissioning	Health and safety and related legislation and practice that is relevant at that time will apply to decommissioning works.
65.	Volume 2, Chapter	The CEMP will contain a specific Dust	Construction	Requirement 18 secures the approval and

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
	A, Air Technical Report, Section 7.2.1	Management Plan.		implementation of a CEMP which must be in accordance with the principles in the ES. This will include a scheme to control dust. The draft CEMP identifies earthworks and monitoring of dust as matters to be included (para 4.5) and that the final CEMP will include an Air Quality and Dust Management Plan (para 5.2).
66.	Volume 2,Chapter A, Air Technical Report, Section 7.2.2	The name and contact details of person(s) accountable for air quality and dust issues on the site boundary will be displayed. The head or regional office contact information will be displayed.	Construction	Requirement 18 secures the approval and implementation of a CEMP which must be in accordance with the principles in the ES, and which must include a scheme to notify residents of significant construction impacts and for the handling of complaints (18(2)(a)). The draft CEMP identifies a framework for community liaison during construction (para 2.5).
67.	Volume 2, Chapter A, Air Technical Report, Section 7.2.3	All dust and air quality complaints will be recorded, causes will be identified, appropriate measures will be taken to reduce emissions in a timely manner, and the measures taken will be recorded.	Construction	Requirement 18 secures the approval and implementation of a CEMP which must be in accordance with the principles in the ES, and which must include a scheme to notify residents of significant construction impacts and for the handling of complaints (18(2)(a)). The draft CEMP identifies earthworks and monitoring of dust as matters to be included (para 4.5) and that the final CEMP will include an Air Quality and Dust Management Plan (para 5.2).
68.	Volume 2, Chapter A, Air Technical Report, Section 7.2.3	The complaints log will be made available to SDC.	Construction	Requirement 18 secures the approval and implementation of a CEMP which must be in accordance with the principles in the ES, and which must include a scheme to notify residents of significant construction impacts and for the handling of complaints. The draft CEMP identifies a framework for community liaison during construction, including a complaints system (para 2.5) and that the final CEMP

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
				will include a Stakeholder Communications Plan (para 5.2). This will be secured by requirement 18(2)(a).
69.	Volume 2, Chapter A, Air Technical Report, Section 7.2.3	Any exceptional incidents that cause dust and/or other emissions to atmosphere, either on or off site will be recorded, including the action taken to resolve the situation in the log book.	Construction	Requirement 18 secures the approval and implementation of a CEMP which must be in accordance with the principles in the ES. The draft CEMP identifies earthworks and monitoring of dust as matters to be included (para 4.5) and that the final CEMP will include an Air Quality and Dust Management Plan (para 5.2).
70.	Volume 2, Chapter A, Air Technical Report, Section 7.2.4	Daily Regular on- and off-site inspections will be undertaken, where receptors (including roads) are nearby, to record any evidence of dust mobilisation and deposition. Inspection results will be recorded and the log will be made available to the local authority.	Construction	Requirement 18 is to be amended to require the CEMP to include monitoring and reporting, and already requires the CEMP to be in accordance with the principles in the ES. The draft CEMP already includes provision for monitoring generally (para 4.5) and in relation to each management plan (para 5.3).
71.	Volume 2, Chapter A, Air Technical Report, Section 7.2.4	Regular site inspections will be carried out to monitor compliance with the site DMP, inspection results will be recorded, and an inspection log will be made available to the local authority.	Construction	Requirement 18 is to be amended to require the CEMP to include monitoring and reporting, and already requires the CEMP to be in accordance with the principles in the ES. The draft CEMP already includes provision for monitoring generally (para 4.5) and in relation to each management plan (para 5.3).
72.	Volume 2, Chapter A, Air Technical Report, Section 7.2.4	The frequency of site inspections by the person accountable for air quality and dust issues on site will be increased when activities with a high potential to produce dust are being carried out and during prolonged dry or windy conditions.	Construction	Requirement 18 is to be amended to require the CEMP to include monitoring and reporting, and already requires the CEMP to be in accordance with the principles in the ES. The draft CEMP already includes provision for monitoring generally (para 4.5) and in relation to each management plan (para 5.3).
73.	Volume 2, Chapter A, Air Technical Report, Section 7.2.5	Site layout will be planned so that machinery and dust causing activities are located away from receptors, as far as is possible.	Construction	Requirement 18 requires the CEMP to include a scheme for the control of dust, and requires the CEMP to be in accordance with the principles in the ES. The draft CEMP identifies that the final document will

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
				include an Air Quality and Dust Management Plan (para 5.2).
74.	Volume 2, Chapter A, Air Technical Report, Section 7.2.5	Solid screens or barriers will be erected around dusty activities or the site boundary that are at least as high as any stockpiles on site.	Construction	Requirement 18 requires the CEMP to include a scheme for the control of dust, and requires the CEMP to be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include an Air Quality and Dust Management Plan (para 5.2).
75.	Volume 2, Chapter A, Air Technical Report, Section 7.2.5	Site fencing, barriers and scaffolding will be kept clean using wet methods where appropriate.	Construction	Requirement 18 requires the CEMP to include a scheme for the control of dust, and requires the CEMP to be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include an Air Quality and Dust Management Plan (para 5.2).
76.	Volume 2, Chapter A, Air Technical Report, Section 7.2.5	Materials that have a potential to produce dust will be removed from site as soon as possible, unless being re-used on site.	Construction	Requirement 18 requires the CEMP to include a scheme for the control of dust, and requires the CEMP to be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include an Air Quality and Dust Management Plan (para 5.2).
77.	Volume 2, Chapter A, Air Technical Report, Section 7.2.5	Soil stockpiles will be covered, seeded, or fenced or dampened down to prevent wind whipping where appropriate	Construction	Requirement 18 requires the CEMP to include a scheme for the control of dust, and requires the CEMP to be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include an Air Quality and Dust Management Plan (para 5.2).
78.	Volume 2, Chapter A, Air Technical Report, Section 7.2.6	All construction vehicle engines will be switched off when stationary for prolonged periods.	Construction	Requirement 18 secures the approval and implementation of the CEMP and requires the CEMP to be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include an Air Quality and Dust Management Plan

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
				(para 5.2).
79.	Volume 2, Chapter A, Air Technical Report, Section 7.2.6	A maximum speed-limit of 15 mph will be imposed and signposted on surfaced and 10 mph on unsurfaced haul roads and work areas all site roads and work areas.	Construction	Requirement 18 secures the approval and implementation of the CEMP and requires the CEMP to be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include an Air Quality and Dust Management Plan (para 5.2).
80.	Volume 2, Chapter A, Air Technical Report, Section 7.2.7	Only cutting, grinding or sawing equipment fitted or in conjunction with suitable dust suppression techniques such as water sprays or local extraction will be used.	Construction	Requirement 18 secures the approval and implementation of the CEMP and requires the CEMP to be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include an Air Quality and Dust Management Plan (para 5.2).
81.	Volume 2, Chapter A, Air Technical Report, Section 7.2.7	An adequate water supply on the site will be provided for effective dust / particulate matter suppression / mitigation, using non-potable water where possible and appropriate.	Construction	Requirement 18 secures the approval and implementation of the CEMP and requires the CEMP to be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include an Air Quality and Dust Management Plan (para 5.2).
82.	Volume 2, Chapter A, Air Technical Report, Section 7.2.7	Enclosed chutes and conveyors and covered skips will be used.	Construction	Requirement 18 secures the approval and implementation of the CEMP and requires the CEMP to be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include an Air Quality and Dust Management Plan (para 5.2).
83.	Volume 2, Chapter A, Air Technical Report, Section 7.2.7	Drop heights from conveyors, loading shovels, hoppers and other loading or handling equipment will be minimised.	Construction	Requirement 18 secures the approval and implementation of the CEMP and requires the CEMP to be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include an Air Quality and Dust Management Plan (para 5.2).

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
84.	Volume 2, Chapter A, Air Technical Report, Section 7.2.7	Equipment will be readily available on-site to clean any dry spillages, and clean up spillages as soon as reasonably practicable after the event using wet cleaning methods in order to minimise dust emissions.	Construction	Requirement 18 secures the approval and implementation of the CEMP and requires the CEMP to be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include an Air Quality and Dust Management Plan (para 5.2).
85.	Volume 1, Chapter 7, Section 7.4.2	The plant will operate using Best Available Techniques (BAT) - Flue gas from the boiler will enter the electro-static precipitator where fly ash will be removed, then pass through wet flue gas desulphurisation where acidic gases such as sulphur oxides and hydrogen chloride will be captured and removed. The plant will also include selective catalytic reduction (SCR) to reduce the emissions of NOx.	Operation	To be secured via the controls prescribed within the EP.
86.	Volume 1, Chapter 7, Section 7.4.2	Air-mode operation will be minimised as far as possible.	Operation	Whilst acknowledging that the power plant can operate in non-CCS mode (known as “air mode”) and does have to run in such mode at certain times (e.g. for a brief period on plant start up), it is constrained in such operation by existing provisions resulting from the Energy Act 2013 and its associated regulations.
87.	Volume 1, Chapter 8, Section 8.4	There will be no incineration of waste materials on site.	Decommissioning	Requirement 26 secures the approval and implementation of a decommissioning scheme, including means of removal of materials arising, and at which point detailed matters relating to waste can be appropriately considered.
88.	Volume 1, Chapter 8, Section 8.4	Where required standard dust control mitigation measures will be used such as wetting of tracked surfaces, wetting of stockpiles and covering of Heavy Goods Vehicles (HGVs) loads exiting the site.	Decommissioning	Requirement 26 secures the approval and implementation of a decommissioning scheme at which point detailed matters relating to waste can be appropriately considered.

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89.	Volume 1, Chapter 8, Section 8.4	The volume of traffic involved during decommissioning will be less than during construction and will not lead to significant air quality effects at roadside receptors.	Decommissioning	The assessment of the likely volume of traffic during decommissioning is a professional opinion based on the nature of the works likely to be undertaken. The assessment of potential air quality impacts follows that judgement, and therefore significant effects are not predicted.
90.	Volume 1, Chapter 7, Section 7.5.3	Construction working hours will be 0700 to 1900 Monday to Friday and 0700 to 1300 on Saturdays. No work will take place on Sunday or bank holidays (other than in exceptional circumstances). The workings hours do not apply to construction works which do not exceed a noise limit of 50dB (a) at the DCO Order limits (and are covered by a prior agreement of Selby District Council), or for the delivery or removal of materials, plant, machinery and abnormal indivisible loads and finally to emergency situations.	Construction	Requirement 20 secures the construction working hours.
91.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.2	The conveyor system has been assumed to be fitted with a local shielding/enclosure. The conveyor drives are either located in transfer towers in which case it is assumed that the transfer tower provides acoustic screening, or they are assumed to be enclosed. For sources such as conveyor drives and tails that are located inside transfer towers a reduction of 15 dB(A) has been assumed, and for conveyor belts and idlers noise levels are assumed to reduce by 10 dB(A).	Operation	To be secured via operational noise which will specify noise limits at relevant receptors, and will require monitoring, mitigation where required and will deal with tonality.
92.	Volume 2, Chapter B, Noise and	The gypsum silo dewatering system will be enclosed inside a penthouse placed on top of	Operation	To be secured via the controls prescribed within the EP.

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
	Vibration Technical Report, Section 5.2.4	the concrete silo. This penthouse will be constructed with single steel sheet cladding.		Requirement 4(4) secures the approval of the gypsum handling transport infrastructure, including conveyors and other plant and buildings.
93.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.3	The limestone ball mill sets (2 x 100%) will be located inside a building which will limit the transmission of the internal emitted noise to the outside environment. The limestone preparation building walls and roof will provide an average sound insulation R = 35 dB(A).	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
94.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.5	Air compressors will be located inside noise hoods. Noise hoods will be located inside a light construction steel machine house. Air intakes of compressors and air intake/outlet of noise hoods will be equipped with silencers.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
95.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.5	Expansion turbines will be located inside noise hoods and there will be in-line silencers between the expansion turbines and the cold box.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
96.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.5	The molecular sieve will have in-line silencers for pressure valves, acoustic insulation on piping and a blow-off silencer between the expansion turbine and the cold box.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
97.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.5	Large motors associated with pumps will be fitted with low-noise cooling fans. Additionally sound insulation will be provided for the piping if required. For large pumps, noise hoods will be considered, if required.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
98.	Volume 2, Chapter	Low noise valves will be specified as required.	Operation	Embedded in the plant design.

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
	B, Noise and Vibration Technical Report, Section 5.2.5	For gas and steam service, special-design low-noise valves are preferred or alternatively in-line silencers may be used. For liquid flows, valves will be selected that will prevent cavitation, erosion, and vibration.		An operational noise requirement will be included within the DCO.
99.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.5	Acoustic sound insulation for piping will be provided where required.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
100.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.6	The turbine hall building walls and roof will provide sound insulation. Furthermore, the vertical walls will have a sound absorbing inner liner in order to limit the reverberant noise level due to sound reflections.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
101.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.6	Silencers will be provided for the air inlet and outlet openings for the turbine hall building.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
102.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.6	Sound insulation will be achieved by installing the main pump and its coupling inside an acoustic enclosure.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
103.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.7	The boiler hall building walls and roof will provide a significant sound insulation. In this case the design work undertaken to date showed that cladding, but no acoustic absorption is required to control the noise contribution from this source.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
104.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.7	Silencers for air outlet openings will be provided for some openings.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
105.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.7	The maximum surface sound pressure level (free-field conditions) at a distance of one meter from any equipment item in the boiler area, other than mentioned above, will be limited to an overall sound power level of 85 dB(A).	Operation	The Control of Noise at Work Regulations 2005 establishes that the upper exposure action value is set at a daily or weekly average noise exposure of 85 dB, above which the employer is required to take reasonably practicable measures to reduce noise exposure, such as engineering controls or other technical measures. The use of hearing protection is also mandatory if the noise cannot be controlled by these measures, or while these measures are being planned or carried out. An operational noise requirement will be included within the DCO.
106.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.8	To reduce the noise emission of upstream ducts, silencers or insulation will be provided upstream of the primary air fan. The downstream duct is located within the building and does not require specific mitigation. In order to meet the noise limits, as far as practicable, at off-site receptors the primary air fan (fan casing plus drive) will be enclosed in a building or acoustic enclosure.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
107.	Volume 2, Chapter B, Noise and Vibration Technical	To reduce the noise emission of upstream ducts, silencers or insulation will be provided upstream of the forced draft fan. In order to	Operation	Embedded in the plant design. An operational noise requirement will be included

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
	Report, Section 5.2.9	meet the noise limits, as far as practicable, at offsite receptors, the forced draft fan (fan casing plus drive) will be enclosed in a building or acoustic enclosure.		within the DCO.
108.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.10	The sound power level will be emitted by the whole electrostatic precipitator units including precipitator insulated walls and roof, insulated flue gas ducts between air heater and precipitator, hammer drives, high voltage transformers and blow tanks for fly ash. The noise level will be limited to the lowest practicable level.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
109.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.11	To reduce the noise emissions of the induced draft fan, it will be necessary to put a sound insulation cover on the fan casing, typically made of minimum 250 mm of high density mineral wool (~130 kg/m3) + 1.6mm heavy visco-elastic layer fixed on the inner side of the jacketing steel sheet + 1 mm jacketing steel sheet. To reduce the noise emission of upstream and down-stream ducts, insulation will be provided. In order to fulfil the far field noise requirement, the whole induced draft fan (fan casing plus drive) will be by a noise barrier (without roof).	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
110.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.12	No air intake louvers will be installed on the northeast and southeast sides of the buildings.	Operation	Factored into the plant design. An operational noise requirement will be included within the DCO.

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
111.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.12	The vent for the vacuum pump will be equipped with a suitable silencer (with an attenuation of about 10 dB(A)).	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
112.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.12	Each oxidation air blower will be equipped with an acoustic enclosure, and with a silencer inside the outlet pipe. A silencer will be installed on each blower air intake opening made in the building wall (in the southwest direction).	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
113.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.13	The sound power level at the stack mouth including self-induced noise caused by the flow will be specified to the supplier to not exceed 103 dB(A).	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
114.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.14	For the noise prediction calculation one cooling tower bank, consisting of 28 cells has been considered. For the complete cooling tower (wet air inlet, dry air inlet and outlet) silencers or sound absorbing louvers are likely to be required.	Operation	To be included in plant design. An operational noise requirement will be included within the DCO.
115.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.15	The main cooling water pumps will be located inside a building.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
116.	Volume 2, Chapter B, Noise and Vibration Technical	The de-mineralised water production plant will be housed inside a building, which will limit the noise emissions to the outdoor environment.	Operation	Embedded in the plant design. An operational noise requirement will be included

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	Report, Section 5.2.16			within the DCO.
117.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.17	The equipment for compressed air production will be housed inside a building which will significantly limit the transmission of the internal noise to the outside environment. Suitable silencers will be installed in the compressor air inlet/outlet ducts.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
118.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.18	The equipment for fly ash air production will be housed inside a building which will significantly limit the transmission of the internal noise to the outside environment.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
119.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.19	The fuel oil pumps will be housed inside a building which will significantly limit the transmission of the internal noise to the outside environment. No acoustic measures are necessary, and standard weather protection will be provided for the air intake louvers.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
120.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.20	The sound power level will be limited to the lowest level practicable. Noise levels have been specified based on test data. Potential noise mitigation measures may include silencers and insulation, which will be specified during the detail design stage.	Operation	To be included in plant design. An operational noise requirement will be included within the DCO.
121.	Volume 2, Chapter B, Noise and Vibration Technical	Plant design has included noise mitigation. The EPC contractor will ensure procurement of low noise equipment (transformers, cooling	Construction	Embedded in the plant design. Requirement 18 secures the approval and

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
	Report, Section 5.2.1 Volume 1, Chapter 7, Section 7.5.3	tower fans etc).		implementation of a CEMP, which must be in accordance with the principles in the ES. The draft CEMP states that a noise and vibration management and monitoring plan will be included in the final CEMP (para 5.2).
122.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.1 Volume 1, Chapter 7, Section 7.5.3	Plant design has included noise mitigation including the addition of silencers on air intakes/outlets and upstream/downstream of main boiler fans.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
123.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.1 Volume 1, Chapter 7, Section 7.5.3	Plant design has included noise mitigation including using acoustic screens or enclosures on major outdoor items such as pumps, motors and conveyors.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
124.	Volume 2, Chapter B, Noise and Vibration Technical Report, Section 5.2.1 Volume 1, Chapter 7, Section 7.5.3	Plant design has included noise mitigation including acoustically insulating valves and pipes.	Operation	Embedded in the plant design. An operational noise requirement will be included within the DCO.
125.	Chapter I, Ecology Technical Report,	Avoidance through the retention of peripheral habitat, including ditches, arable field margins	Construction, Operation and	Requirement 18 secures the approval and implementation of the CEMP, which must be in

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
	Table 4.1	and hedges.	Decommissioning	accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Biodiversity Management Plan (para 5.2). Requirements 5 and 6 secure the approval, implementation and maintenance of a landscaping scheme which must be in accordance with the indicative landscaping and biodiversity plan. Requirement 16 secures the approval and implementation of a biodiversity mitigation management plan which must be in accordance with the measures set out in the ES. Requirement 26 secures the approval and implementation of a decommissioning scheme which must be in accordance with the principles in the ES, and at which point detailed matters relating to habitats can be appropriately considered.
126.	Chapter I, Ecology Technical Report, Table 4.1	Loss of habitat will be addressed through the provision of a flood attenuation pond. These will be fitted with membranes around the edges to increase water holding capacity to allow reed and marginal plants to establish.	Construction, Operation and Decommissioning	Requirements 5 and 6 secure the approval, implementation and maintenance of a landscaping scheme. Requirement 16 secures the approval and implementation of a biodiversity management plan. Requirement 26 secures the approval and implementation of a decommissioning scheme which must be in accordance with the principles in the ES, and at which point detailed matters relating to habitats can be appropriately considered

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
127.	Volume 1, Chapter 6, Section 6.6.2	Measures will be taken to avoid direct disturbance to NERC Priority Habitat types (including reedbed, hedgerow, arable land, lakes, ponds, rivers, streams and ditches).	Construction	Requirement 18 secures the approval and implementation of the CEMP, which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Biodiversity Management Plan (para 5.2).
128.	Volume 1, Chapter 6, Section 6.6.2	Staff will be made aware of the local species and a site specific speed limit will be maintained in order to reduce the likelihood of killing and injuring protected fauna.	Construction	Requirement 18 secures the approval and implementation of the CEMP, which must be in accordance with the principles in the ES. The draft CEMP identifies that staff will be trained in relation to potential environmental impacts (para 4.4) and that the final document will include a Biodiversity Management Plan (para 5.2).
129.	Volume 1, Chapter 6, Section 6.6.2	Peripheral habitat will be retained in the north-east of the operational area where possible.	Construction	Requirement 18 secures the approval and implementation of the CEMP, which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Biodiversity Management Plan (para 5.2).
130.	Volume 1, Chapter 6, Section 6.6.2	A buffer will be retained around any ponds or ditches that are retained to prevent pollution and siltation during construction and operation	Construction and Operation	Requirement 18 secures the approval and implementation of the CEMP, which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Biodiversity Management Plan (para 5.2). Requirements 5 and 6 secure the approval, implementation and maintenance of a landscaping scheme. Requirement 16 secures the approval and implementation of a biodiversity mitigation and management plan.

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
131.	Volume 1, Chapter 6, Section 6.6.2	Any ponds lost in the operational area will be netted prior to construction to confirm the presence of smooth newts. Any populations found will be translocated to a suitable habitat.	Construction	Requirement 18 secures the approval and implementation of the CEMP, which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Biodiversity Management Plan (para 5.2).
132.	Volume 1, Chapter 6, Section 6.6.2	A 30 m (100 m during piling) buffer zone will be established around suitable bat roosting trees adjacent to the site during construction. In instances where a buffer zone cannot be maintained, a pre-construction survey will be undertaken to confirm bats remain absent.	Construction	Requirement 18 secures the approval and implementation of the CEMP, which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Biodiversity Management Plan (para 5.2).
133.	Volume 1, Chapter 6, Section 6.6.2	Scrub vegetation will be maintained at the fence line in the centre of the operational area ensuring the retention of bat foraging habitat and maintenance of a connectivity route between two pipistrelle roosts. The majority of construction work will occur during daylight hours.	Construction	Requirement 18 secures the approval and implementation of the CEMP, which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Biodiversity Management Plan (para 5.2).
134.	Volume 1, Chapter 6, Section 6.6.2 Chapter I, Ecology Technical Report, Table 4.1	Above ground vegetation clearance (staged) will occur between August and October in order to minimise effects on reptiles (and will aim for the most optimal time period for clearance in September which corresponds with an activity peak but avoids the breeding bird season). Clearance will be conducted incrementally in stages to allow reptiles to move away of their own accord. The ground will be maintained in this cleared state until construction commences to discourage reptiles from re-colonizing the area Fencing will be used prevent to reptiles from re-colonising the	Construction	Requirement 18 secures the approval and implementation of the CEMP, which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Biodiversity Management Plan (para 5.2).

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
		site if needed (until construction is complete). Potential reptile hibernation sites will be fenced off and alternative hibernacula provided. Where these measures are not possible excavation within the reptile hibernation season will be supervised by an Ecological Clerk of Works (ECoW).		
135.	Chapter I, Ecology Technical Report, Table 4.1	Where possible peripheral ditches plus a 5m buffer zone will be retained thus avoiding impact on reptile habitat and providing a refuge for any individuals moving away from the site. On the south side a 7 m buffer zone will be established.	Construction, Operation and Decommissioning	Requirement 18 secures the approval and implementation of the CEMP, which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Biodiversity Management Plan (para 5.2). Requirements 5 and 6 secure the approval, implementation and maintenance of a landscaping scheme. Requirement 16 secures the approval and implementation of a biodiversity management plan.
136.	Chapter I, Ecology Technical Report, Table 4.1	It is possible that water vole may recolonize suitable habitat in and around the Project site prior to the Project being implemented. The 5 m buffer area around ditches and ponds will prevent any impact on water vole should this occur. Where this is not possible, i.e. a water vole crossing over Carr Dyke and where ponds are to be lost and the northern margin of Carr Dyke, it will be necessary to conduct pre-construction surveys. In the event that water voles are found the area where they have been identified will be subject to progressive	Construction, Operation and Decommissioning	Requirement 18 secures the approval and implementation of the CEMP, which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Biodiversity Management Plan (para 5.2). Requirements 5 and 6 secure the approval, implementation and maintenance of a landscaping scheme. Requirement 16 secures the approval and implementation of a biodiversity management plan. Requirement 17 secures a scheme of protection and

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
		strimming so that they move out and use the south bank of Carr Dyke only. This should be carried out under the supervision of a suitably experienced and qualified ecologist.		mitigation for protected species where this is identified as necessary.
137.	Volume 1, Chapter 6, Section 6.6.2	A Badger Licence will be agreed with Natural England which will provide details of specific mitigation measures.	Construction	The Conservation of Habitats and Species Regulations 2010 apply controls to protected species. In addition, requirement 17 secures the approval and implementation of a scheme of protection and mitigation for protected species if required.
138.	Volume 1, Chapter 6, Section 6.6.2	Mitigation areas will be provided within the Project site to reduce impacts on habitats and fauna.	Construction	Requirement 18 secures the approval and implementation of the CEMP, which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Biodiversity Management Plan (para 5.2).
139.	Volume 2, Chapter I, Ecology Technical Report, Section 4.3.2 Volume 1, Chapter 6, Section 6.6.2	Any lighting that is required for the construction and operational phases of the Project will be shielded and directed away from surrounding habitat to minimise light disturbance to fauna such as foraging bats.	Construction and Operation	Requirements 8 and 9 secure the approval and implementation of schemes for external lighting for the construction and operational phases respectively.
140.	Volume 1, Chapter 6, Section 6.6.2	Where it is necessary to clear vegetation, clearance works will take place outside of the bird breeding season.	Construction	Requirement 18 secures the approval and implementation of the CEMP, which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Biodiversity Management Plan (para 5.2).
141.	Volume 2, Chapter I, Ecology Technical Report, Section 4.3.3	Use of Best Available Techniques (BAT) to minimise disturbance will include specification of efficient well maintained, quiet machinery with in-built noise attenuation. Perimeter attenuation fencing and tree screens will be	Construction and Operation	Requirement 18 secures the approval and implementation of the CEMP, which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Noise and Vibration Management Plan and a

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
	Volume 1, Chapter 6, Section 6.6.2 Volume 1, Chapter 7, Section 7.6.2	also used where necessary to minimise disturbance due to noise and activity.		Biodiversity Management Plan (para 5.2). Requirement 11 secures the approval and implementation of the temporary and permanent means of enclosure of the site.
142.	Volume 2, Chapter I, Ecology Technical Report, Section 4.3.4 Volume 1, Chapter 6, Section 6.6.2	To mitigate against killing and injury of protected fauna by traffic and construction plant, Toolbox Talks will be delivered to all site operatives prior to the commencement of works on site (including site clearance activities), in order that all operatives are fully briefed regarding the species which may be encountered on site. Furthermore, a site speed limit will be maintained. Most activity will occur during daylight hours when species such as badgers are not active.	Construction	Requirement 18 secures the approval and implementation of the CEMP, which must be in accordance with the principles in the ES. The draft CEMP identifies that staff will be trained in relation to potential environmental impacts (para 4.4) and that the final document will include a Biodiversity Management Plan (para 5.2).
143.	Volume 2, Chapter I, Ecology Technical Report, Section 4.3.5	Air Quality and Emissions of Construction Dust. Measures that will be put in place to minimise potential effects from such site clearance activities as topsoil stripping, storage and earthworks, will include soil stripping management and storage techniques recommended in the Defra Code of Practice for the Sustainable Use of Soils on Construction Sites	Construction	Requirement 18 requires the approval and implementation of a CEMP which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include an Air Quality and Dust Management Plan (para 5.2).
144.	Volume 2, Chapter I, Ecology Technical Report, Section 4.3.5 Volume 1, Chapter	A soil management plan will be implemented and native plants will be reintroduced to ensure that soils will be held in place and not become friable and get blown by wind off site.	Construction	Requirement 18 requires the approval and implementation of a CEMP which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include an Air Quality and Dust Management Plan and a Soil Management Plan (para 5.2).

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
	6, Section 6.6.2			
145.	Volume 2, Chapter I, Ecology Technical Report, Section 4.3.5	The site will be accessed via New Road, connecting to the A645 and onto the A614 and M62. This will avoid or minimise effects on sensitive receptors in the vicinity of the Project.	Construction	Requirement 19 secures the approval and implementation of a construction traffic routing and travel plan. The draft CEMP identifies that the final document will include a Traffic Management Plan (para 5.2).
146.	Volume 2, Chapter I, Ecology Technical Report, Section 4.3.5	The HGV route will be the existing dedicated route for the existing Drax Power Station, which will help minimise effects on sensitive receptors in the Project area.	Construction	Requirement 19 secures the approval and implementation of a construction traffic routing and travel plan. The draft CEMP identifies that the final document will include a Traffic Management Plan (para 5.2).
147.	Volume 2, Chapter I, Ecology Technical Report, Section 4.3.5	All construction activity will adhere to the Environment Agency's Pollution Prevention Guidance and CIRIA documents will be referred to as appropriate and these measures will be contained the adopted Construction Environmental Management Plan (CEMP).	Construction	Requirement 18 requires the approval and implementation of a CEMP which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Surface and Ground Water Management Plan (para 5.2).
148.	Volume 2, Chapter I, Ecology Technical Report, Section 4.3.6 Volume 1, Chapter 6, Section 6.6.2	Buffer zones around field drains, dykes and ponds will be maintained during construction. Where this is not possible (i.e. drain and ditch crossings and the northern bank of Carr Dyke), best practice design and standard good construction practice will ensure the watercourses remain unaffected.	Construction	Requirement 18 requires the approval and implementation of a CEMP which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Surface and Ground Water Management Plan (para 5.2).
149.	Volume 2, Chapter I, Ecology Technical Report, Section 4.3.7 Volume 1, Chapter 6, Section 6.6.2	Measures will be taken to ensure that areas where vegetation is removed are not colonised by invasive plants such as Himalayan balsam, which is known to occur in the surrounding area including immediately adjacent to the jetty on the western bank of the River Ouse. These measures will include a soil management plan	Construction	Requirement 18 requires the approval and implementation of a CEMP which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Soil Management Plan and a Biodiversity Management Plan (para 5.2).

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
		and reintroduction of native plant species into disturbed areas.		Requirements 5 and 6 secure the approval and implementation of a landscaping scheme, including tree and shrub planting.
150.	Volume 2, Chapter I, Ecology Technical Report, Section 4.3.8	In order to address the loss of NERC Priority Habitats and loss of habitat used by protected species, a mitigation area will be provided to the east of Carr Dyke.	Construction	Requirements 5 and 6 secure the approval and implementation of landscaping scheme which must be in accordance with the indicative landscaping and biodiversity framework plan. Requirement 16 secures the approval and implementation of a biodiversity management plan which must be in accordance with the measures set out in the ES.
151.	Volume 1, Chapter 7, Section 7.6.2	Suitable habitat for breeding birds (hedges and woodland strips and buffers around field margins) will be retained to preserve nesting and foraging resource.	Operation	Requirements 5 and 6 secure the approval and implementation of landscaping scheme which must be in accordance with the indicative landscaping and biodiversity framework plan. Requirement 16 secures the approval and implementation of a biodiversity management plan which must be in accordance with the measures set out in the ES.
152.	Volume 1, Chapter 7, Section 7.6.2	Enhancement areas for birds will be designed in conjunction with enhancement areas for badgers and other species as part of the overall Landscape and Ecology Masterplan for the Project, Figure H.7.	Operation	Requirements 5 and 6 secure the approval and implementation of landscaping scheme which must be in accordance with the indicative landscaping and biodiversity framework plan. Requirement 16 secures the approval and implementation of a biodiversity management plan which must be in accordance with the measures set out in the ES.
153.	Volume 1, Chapter	In advance of decommissioning ecological	Decommissioning	Requirement 26 secures the approval and

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
	8, Section 8.6	surveys will be undertaken to identify whether protected species may be at risk from dismantling and demolition activities.		implementation of a decommissioning scheme, which must be in accordance with the principles in the ES.
154.	Volume 1, Chapter 8, Section 8.6	Suitable mitigation measures will be agreed with Natural England (or its successor organisation) and applied before works begin.	Decommissioning	Requirement 26 secures the approval and implementation of a decommissioning scheme, which must be in accordance with the principles in the ES.
155.	Chapter I, Ecology Technical Report, Table 4.1	The short section of plantation woodland within the Construction Laydown Area will be reinstated following construction.	Construction, Operation and Decommissioning .	Requirements 5 and 6 secure the approval and implementation of landscaping scheme which must be in accordance with the indicative landscaping and biodiversity framework plan. Requirement 16 secures the approval and implementation of a biodiversity management plan which must be in accordance with the measures set out in the ES. Requirement 18 requires the approval and implementation of a CEMP which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Soil Management Plan and a Biodiversity Management Plan (para 5.2).
156.	Volume 2, Chapter H, LVIA Technical Report, Section 5.1 and referred to in Section 5.3 Volume 1, Chapter 6, Section 6.7.2	Limit land clearance and occupation to the minimum necessary for the works.	Construction and Decommissioning	In determining the Project site consideration was given to reducing land areas, laydown areas were reduced from the potential areas identified during consultation. Requirement 18 requires the approval and implementation of a CEMP which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Biodiversity Management Plan (para 5.2).

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
				Requirement 22 will secure the restoration of land used temporarily for construction. Requirement 26 secures the approval and implementation of a decommissioning scheme, which must be in accordance with the principles in the ES.
157.	Volume 2, Chapter H, LVIA Technical Report, Section 5.1 and referred to in Section 5.3 Volume 1, Chapter 6, Section 6.7.2	Restrict construction site lighting outside normal working hours as far as practicable to the minimum required for safety and security.	Construction and Decommissioning	Requirement 8 secures the approval and implementation of a scheme for external lighting for the construction phase.
158.	Volume 2, Chapter H, LVIA Technical Report, Section 5.1 and referred to in Section 5.3 Volume 1, Chapter 6, Section 6.7.2	Maintenance of tidy and contained site compounds.	Construction and Decommissioning	Requirement 18 requires the approval and implementation of a CEMP which must be in accordance with the principles in the ES. Requirement 11 secures the approval and implementation of the means of enclosure for the site during construction. Requirement 26 secures the approval and implementation of a decommissioning scheme, which must be in accordance with the principles in the ES.
159.	Volume 2, Chapter H, LVIA Technical Report, Section 5.1 and referred to in Section 5.3 Volume 1, Chapter	The spreading of topsoil and replacement of turf, or reseeding and planting as soon as possible after sections of work are complete.	Construction and Decommissioning	Requirement 18 requires the approval and implementation of a CEMP which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Soil Management Plan (para 5.2). Requirement 26 secures the approval and

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
	6, Section 6.7.2			implementation of a decommissioning scheme, which must be in accordance with the principles in the ES.
160.	Volume 2, Chapter H, LVIA Technical Report, Section 5.1 Volume 1, Chapter 6, Section 6.7.2	The early establishment of hedgerow planting prior to, or early in the construction programme.	Construction	Requirement 18 requires the approval and implementation of a CEMP which must be in accordance with the principles in the ES. The draft CEMP identifies that the final document will include a Biodiversity Management Plan (para 5.2).
161.	Volume 2, Chapter H, LVIA Technical Report, Section 5.2	Planting will be undertaken to the north of the site of Drax Augustinian Priory (outwith the Scheduled area) as shown on Figure H.7.	Operation	Requirements 5 and 6 secure the approval and implementation of a landscaping scheme and specify that it must include planting between Work No 1A and Drax Augustinian Priory Scheduled Monument.
162.	Volume 2, Chapter E, Transport Assessment , Section 5.1	The CEMP would highlight how pedestrian and cyclists would access the site, how these trips would be diverted should roads or routes be required to be closed as part of these works, and define the traffic routes for construction traffic to follow (i.e. defining the specific routes that construction traffic must take – via the M62 dedicated route). Potentially, this CEMP could be expanded to include all construction workforce vehicles, so as to prevent the use of the route from the west through Snaith and Carlton.	Construction	Requirement 19 secures the approval and implementation of a construction traffic routing and travel plan which must include measures to encourage use of sustainable transport modes by construction personnel.
163.	Volume 2, Chapter E, Transport Assessment , Table 4.19	It is expected that the contractor team, through the CEMP and Travel Plan will spread shift patterns to ensure vehicular impacts are minimised.	Construction	Requirement 19 secures the approval and implementation of a construction traffic routing and travel plan. The draft CEMP identifies that the final document will include a Traffic Management Plan (para 5.2)
164.	Volume 2, Chapter E, Transport	Peak spreading of HGV movements.	Construction	Requirement 19 secures the approval and implementation of a construction traffic routing and

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
	Assessment , Section 5.1			travel plan. The draft CEMP identifies that the final document will include a Traffic Management Plan (para 5.2)
165.	Volume 2, Chapter E, Transport Assessment , Section 5.1	The existing Drax Travel Plan will be modified to incorporate additional operational workers.	Operation	Requirement 23 secures the approval and implementation of an operational traffic routing and travel plan. This can build on and take account of the travel plan for the existing Drax Power Station.
166.	Volume 1, Chapter 6, Section 6.9.2 Volume 2, Chapter E, Transport Assessment , Table 4.16 and 4.17	Implementation of a Travel Plan for construction workers emphasising car-sharing., shift-working and peak spreading.	Construction	Requirement 19 secures the approval and implementation of a construction traffic routing and travel plan. The draft CEMP identifies that the final document will include a Traffic Management Plan (para 5.2)
167.	Volume 2, Chapter E, Transport Assessment , Table 4.16	Use of existing dedicated HGV route. Delivery timings to be monitored to avoid congested periods (managed via Construction Environmental Management Plan).	Construction	Requirement 19 secures the approval and implementation of a construction traffic routing and travel plan. The draft CEMP identifies that the final document will include a Traffic Management Plan (para 5.2)
168.	Volume 2, Chapter E, Transport Assessment , Table 4.16	Abnormal Load Routing to be agreed with local highway authorities on planned routes. Street furniture to be removed in advance. Travel of AILs in convoy where practical, and off-peak.	Construction	Requirement 19 secures the approval and implementation of a construction traffic routing and travel plan which must include details in relation to AIL. The draft CEMP identifies that the final document will include a Traffic Management Plan (para 5.2).
169.	Volume 1, Chapter 6, Section 6.9.2	To reduce the impacts of the Project on the surrounding highway network, two junctions will be constructed: one off New Road and one off Pear Tree Avenue (to serve as an emergency entrance / exit) in order to allow access into construction laydown areas. These junctions will be temporary in nature	Construction	The DCO includes the highways works and accesses on New Road and Pear Tree Avenue, including the restoration of those to be removed (articles 10 and 11). Requirement 10 requires the approval and implementation of highways access points.

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
		and will be returned to their existing state following the end of the construction period. Given the impact of the peak construction would be short in nature (i.e. less than 6 months) and that outage periods last only for around 4 months (of which there is a 1 month intense usage) it is not proposed to provide any permanent specific highway works associated with capacity improvements.		
170.	Volume 1, Chapter 6, Section 6.9.2	To reduce the impacts of the Project on the surrounding highway network, a four-arm crossroad junction will be constructed on New Road to the north of the existing Drax Power Station materials handling entrance. This junction will allow access into both the Construction Laydown Areas as well as into the 'Operational Area'.	Construction	The DCO includes the highways works and accesses on New Road. Requirement 10 requires the approval and implementation of highways access points.
171.	Volume 1, Chapter 6, Section 6.9.2	In order to facilitate operation of the above mentioned junctions, a stretch of carriageway of around 150 m in length will be realigned and widened to provide two full lanes on New Road.	Construction	The DCO includes the highway works to widen the carriageway of New Road. Requirement 10 requires the approval and implementation of highways access points.
172.	Volume 1, Chapter 6, Section 6.9.2	The four-arm crossroad junction on New Road to the north of the existing Drax Power Station will be controlled by traffic signals during construction. The junction itself will be retained following the start of the operational period of the Project; however, the eastern arm of the junction will be removed in order that the junction becomes a simple T-Junction.	Construction	The DCO includes the highways works and accesses on New Road, including the restoration of those to be removed (articles 10 and 11). Requirement 10 requires the approval and implementation of highways access points.

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
173.	Volume 1, Chapter 7, Section 7.9.2	Operational HGV traffic for the Project (and for Drax Power Station) will travel to and from the site via specified local routes, specifically the dedicated HGV route from the M62 (junction 36) to the Project site via the A645	Operation	Requirement 23 secures the approval and implementation of an operational traffic routing and travel plan.
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174.	Volume 2, Chapter F, Socio-economic Characteristics Technical Report, Section 4.7.1	The Project will keep SDC and NYCC informed on the progress of the Project.	Construction	CPL would offer a monthly forum during construction to keep SDC and NYCC informed on the progress of the Project.
175.	Volume 2, Chapter F, Socio-economic Characteristics Technical Report, Section 4.7.1	CPL and the councils will further publicise the Project and its scale so local and regional businesses are aware of the development and can plan accordingly.	Construction	Through CPL newsletter (already in place), to be published at regular intervals.
176.	Volume 2, Chapter F, Socio-economic Characteristics Technical Report, Section 4.7.1	CPL and the national government will publicise the Project so that the wider business community is aware of the CCS development and its wider implications for the future of UK economic growth.	Construction	Such publicity will occur through the announcements to be made by CPL and the Government in relation to the Project, its funding and progress.
177.	Volume 2, Chapter F, Socio-economic Characteristics Technical Report, Section 4.7.2 Volume 1, Chapter 6, Section 6.10.2	As far as possible and practicable with availability of the necessary skills, the workforce will be recruited from the local area.	Construction	Measures to promote local employment will be secured through an appropriate requirement.
178.	Volume 2, Chapter	A Construction Method Statement and / or	Construction	The register is already in place through the supplier

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
	F, Socio-economic Characteristics Technical Report, Section 4.7.2 Volume 1, Chapter 6, Section 6.10.2	local procurement policy will be discussed with the contractor to address recruitment opportunities. A register will be created for interested companies and individuals to express their interest in tendering for work or seeking employment.		contact form for the Supplier Database on the Project website.
179.	Volume 2, Chapter F, Socio-economic Characteristics Technical Report, Section 4.7.2	A specialist contractor will be appointed which will be responsible for appointing specialist local subcontractors through the register.	Construction	Alstom UK Holdings Ltd is both a shareholder of CPL (the Applicant) and is to be the main contractor for the Project.
180.	Volume 2, Chapter F, Socio-economic Characteristics Technical Report, Section 4.7.2	The requirements of the Construction Regulations 2007 as amended and subsequent amendments will be adhered to.	Construction	The Construction (Design and Management) Regulations 2015 will apply (replacing the 2007 Regulations).
181.	Volume 2, Chapter F, Socio-economic Characteristics Technical Report, Section 4.7.2	The current footpath which traverses the site will be rerouted along the northern boundary of the site as per the agreed footpath diversion order.	Construction	NYCC has made and confirmed the footpath diversion order, which is reflected on the access and rights of way plans. R Requirement 7 secures the approval and implementation of a rights of way management plan.
182.	Volume 2, Chapter F, Socio-economic Characteristics Technical Report, Section 4.7.3 Volume 1, Chapter 7, Section 7.10.2	CPL and SDC will engage with research centres to promote increased innovation and technological development.	Operation	This could be secured by a requirement to promote local employment, which could cover skills and training.

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
183.	Volume 2, Chapter F, Socio-economic Characteristics Technical Report, Section 4.7.3 Volume 1, Chapter 7, Section 7.10.2	CPL will engage with local stakeholders at an early stage to gain an understanding of the skills requirements and promote local suppliers.	Operation	This process has already begun, by way of the DECC CCS Supply Chain Events. The next one takes place in July 2015. Going forwards CPL's participation in engagement with local stakeholders will be secured by an appropriate requirement.
184.	Volume 2, Chapter F, Socio-economic Characteristics Technical Report, Section 4.7.3 Volume 1, Chapter 7, Section 7.10.2	CPL and SDC will engage with local educational providers to ensure the numbers of skilled workers available locally are maximised.	Operation	CPL's engagement with local education providers will be secured by an appropriate requirement. All sub-contractors employing in excess of 20 employees will be required to support The Engineering Construction Industry Training Board (ECITB) Apprentice placement scheme. The ratio of apprentice placements to the number of employees will be highlighted in the IR tender documents and form part of the contractual acceptance.
185.	Volume 2, Chapter F, Socio-economic Characteristics Technical Report, Section 4.7.3	CPL will develop a site safety plan. This will include regular training and safety inspections.	Operation	CDM regulations will be applied which will require the development of a site safety plan to regulate site activities to achieve a high safety standard.
186.	Volume 2, Chapter F, Socio-economic Characteristics Technical Report, Section 4.7.4	Opportunities will exist for local contractors and workers to be involved in the non-technical aspects of the decommissioning and will be procured through the register as for the construction phase.	Decommissioning	It is anticipated that at an appropriate time before decommissioning, a supplier database will be established. This is likely to be a similar process to that already in place for the construction phase through the supplier contact form for the Supplier Database on the White Rose CCS website.

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
187.	Volume 2, Chapter F, Socio-economic Characteristics Technical Report, Section 4.7.4	Any potential redeployment of staff ahead of closure will be managed in advance. Options such as early retirement or transfer to other facilities owned by Project partners will be investigated in consultation with staff ahead of closure.	Decommissioning	This will be achieved through the operator's human resources procedures and employment law in place at the time.
188.	Volume 2, Chapter F, Socio-economic Characteristics Technical Report, Section 4.7.4	Health and safety during construction will be managed in accordance with the regulations and guidelines in force at the time.	Decommissioning	The health and safety legislation and rules applicable at the time of decommissioning will apply to the Project and provide necessary regulation of activities.
189.	Volume 1, Chapter 6, Section 6.10.2	If work needs to be undertaken outside of normal working hours (0700 to 1900 Monday to Friday, and 0700 – 1300 on Saturdays) it will be subject to the requirements outlined in the DCO.	Construction	Requirement 20 secures the construction working hours and the approval of any exceptions.
190.	Volume 1, Chapter 6, Section 6.10.2	Temporarily occupied land will be returned to its former use through stockpiling and carful management of topsoil during construction and reinstatement measures at the end of construction	Construction	Requirement 22 secures the approval and implementation of a scheme for the restoration of land used temporarily.
191.	Volume 2, Chapter G, Archaeology Technical Report, Section 5.1 Volume 1, Chapter 6, Section 6.8.2	Construction impacts will be mitigated by a staged programme of archaeological works, in accordance with the Archaeology: Written Scheme of Investigation March 2015. The archaeological works will be based on the results of previous archaeological works within the Inner Study Area, as well as the results of the further evaluation programme. The archaeological works will concentrate on	Construction	Requirement 15 secures the approval and implementation of a scheme of archaeological investigation which must be in accordance with the principles set out in the ES.

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
		areas which are considered to be of moderate to high archaeological potential based on the results of the previous archaeological works and are likely to comprise: • a programme of strip, map and record in areas of moderate to high potential; and • archaeological monitoring of groundworks where appropriate.		
192.	Volume 2, Chapter G, Archaeology Technical Report, Section 5.1 Volume 1, Chapter 6, Section 6.8.2	A community heritage project into the documentary evidence for the WW1 airship construction works at Barlow could help offset the effects on the archaeology of the site. Preliminary discussions with Barlow Parish Council have been undertaken and CPL recognises that this could become part of the 'legacy' of the archaeological work.	Construction	Discussions with Barlow Parish Council and Historic England are on-going. It is intended that a MoU outlining the objectives, roles and programme for this project will be completed by the end of July 2015.
193.	Volume 2, Chapter G, Archaeology Technical Report, Section 5.1 Volume 1, Chapter 6, Section 6.8.2	The boundary with Drax Augustinian Priory will be clearly marked by fencing and construction vehicles will not enter this area.	Construction	Requirement 11 secures the approval and implementation of construction stage means of enclosure. Construction sites must remain securely fenced.
194.	Volume 2, Chapter G, Archaeology Technical Report, Section 5.1	To minimise the operational effect on the setting of Drax Priory, a strip of landscaping is proposed between the scheduled area and Drax Power Station. The framework	Operation	Requirements 5 and 6 secure the approval and implementation of a landscaping scheme and specify that it must include planting between Work No 1A and Drax Augustinian Priory.

Item	Source	Mitigation or Measure to prevent, reduce, offset and minimise impacts	Project Stage	Securing Mechanism
	Volume 1, Chapter 7, Section 7.8.2	landscape and biodiversity plan has identified an area of tree planting along the southwest side of the scheduled monument, between the Carr Dike and the pond to the northwest.		