

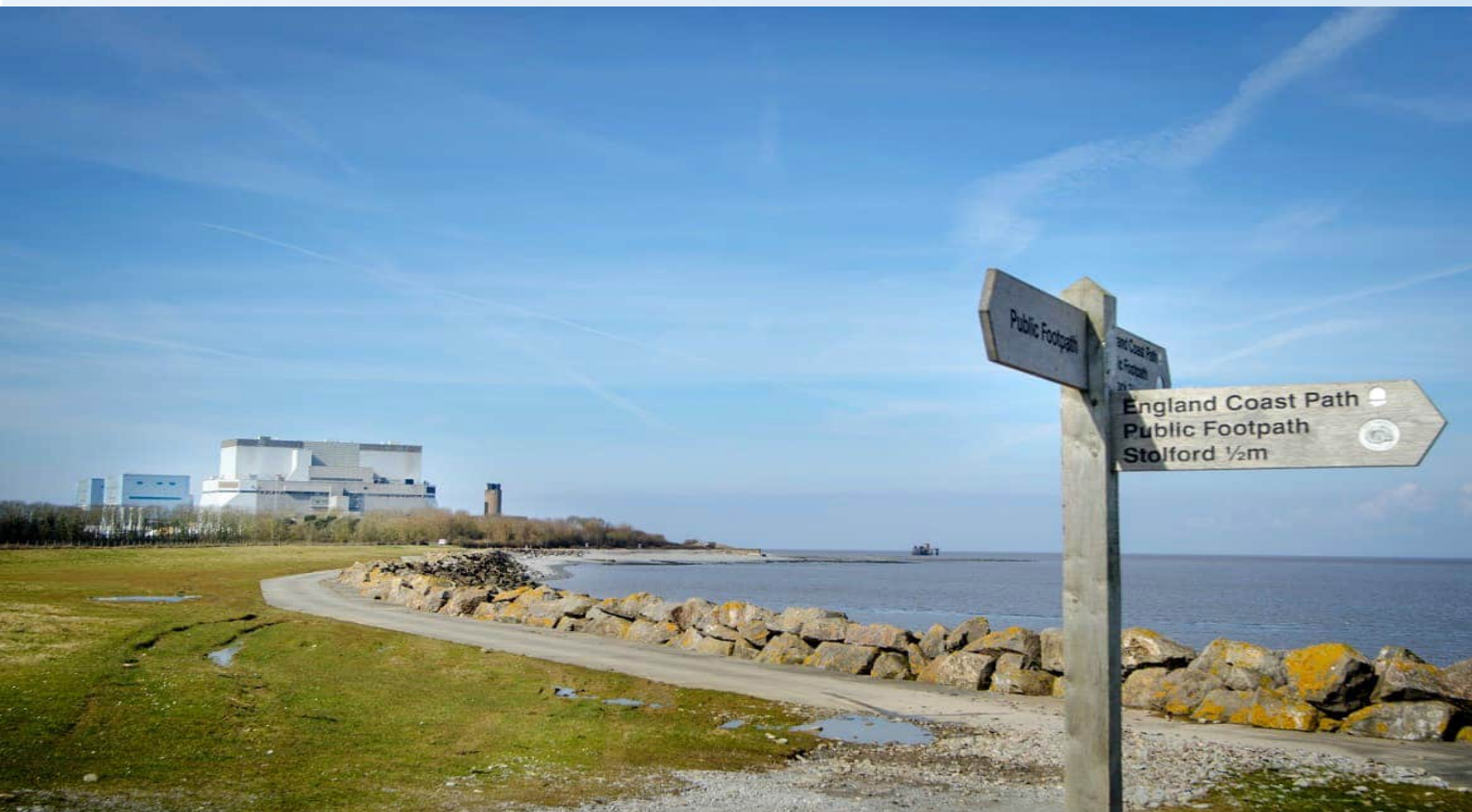


EDF Energy Nuclear Generation Ltd

Decommissioning of Hinkley Point B Nuclear Power Station

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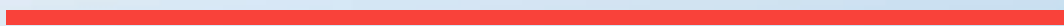
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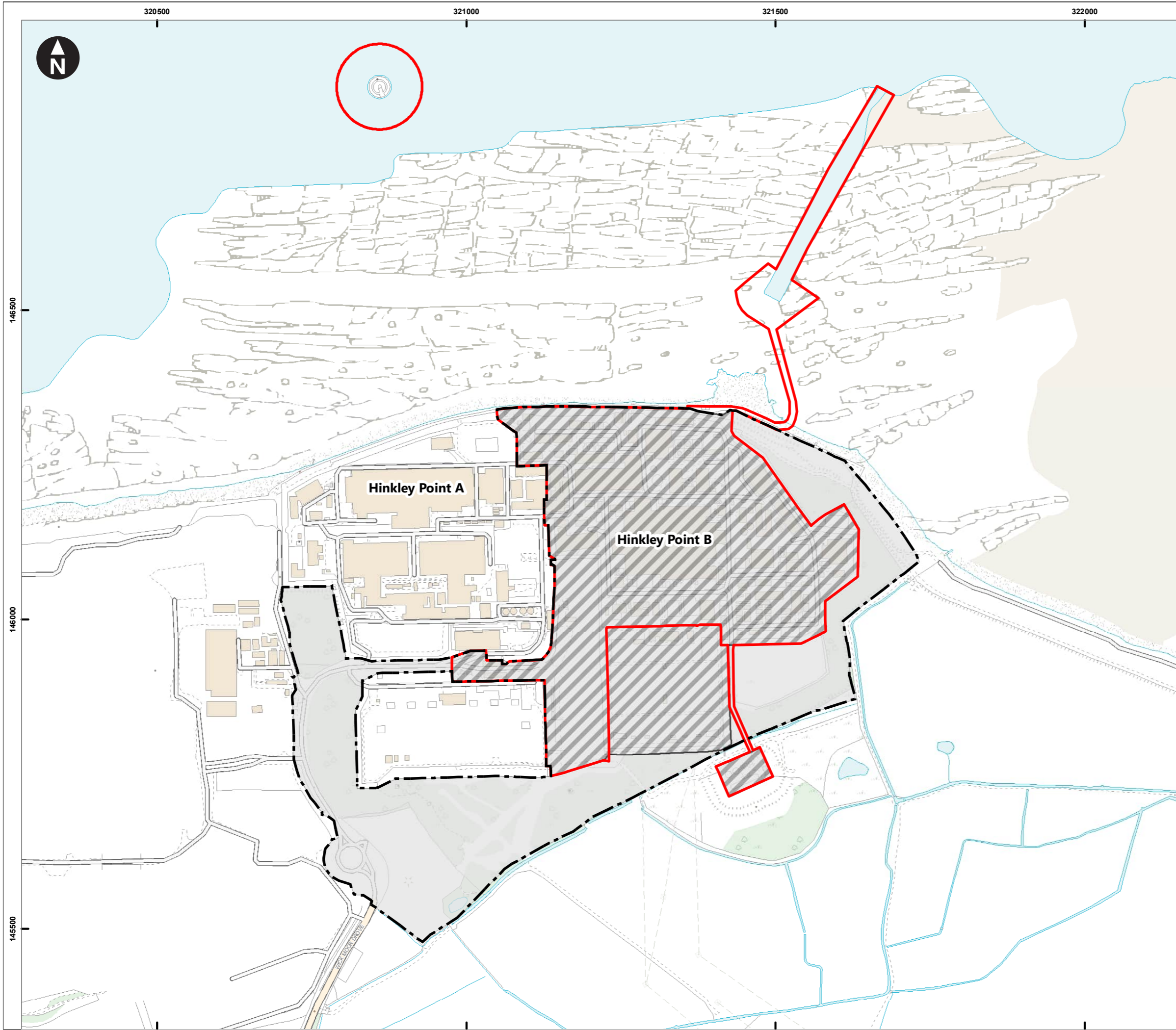
1

Introduction





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Key

- Nuclear Site Licence Boundary ("The Site")
- Indicative Dismantling Works Area ("Works Area")
- Operational land
- Non-operational land

0 100 200 300 m
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0100031673

Decommissioning of Hinkley Point B Nuclear Power Station
Environmental Statement

Figure 1.1
HPB Indicative Dismantling Works Area (Works Area)

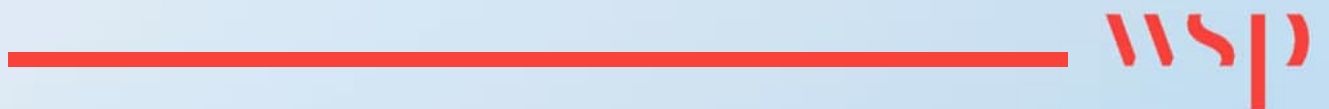
July 2024



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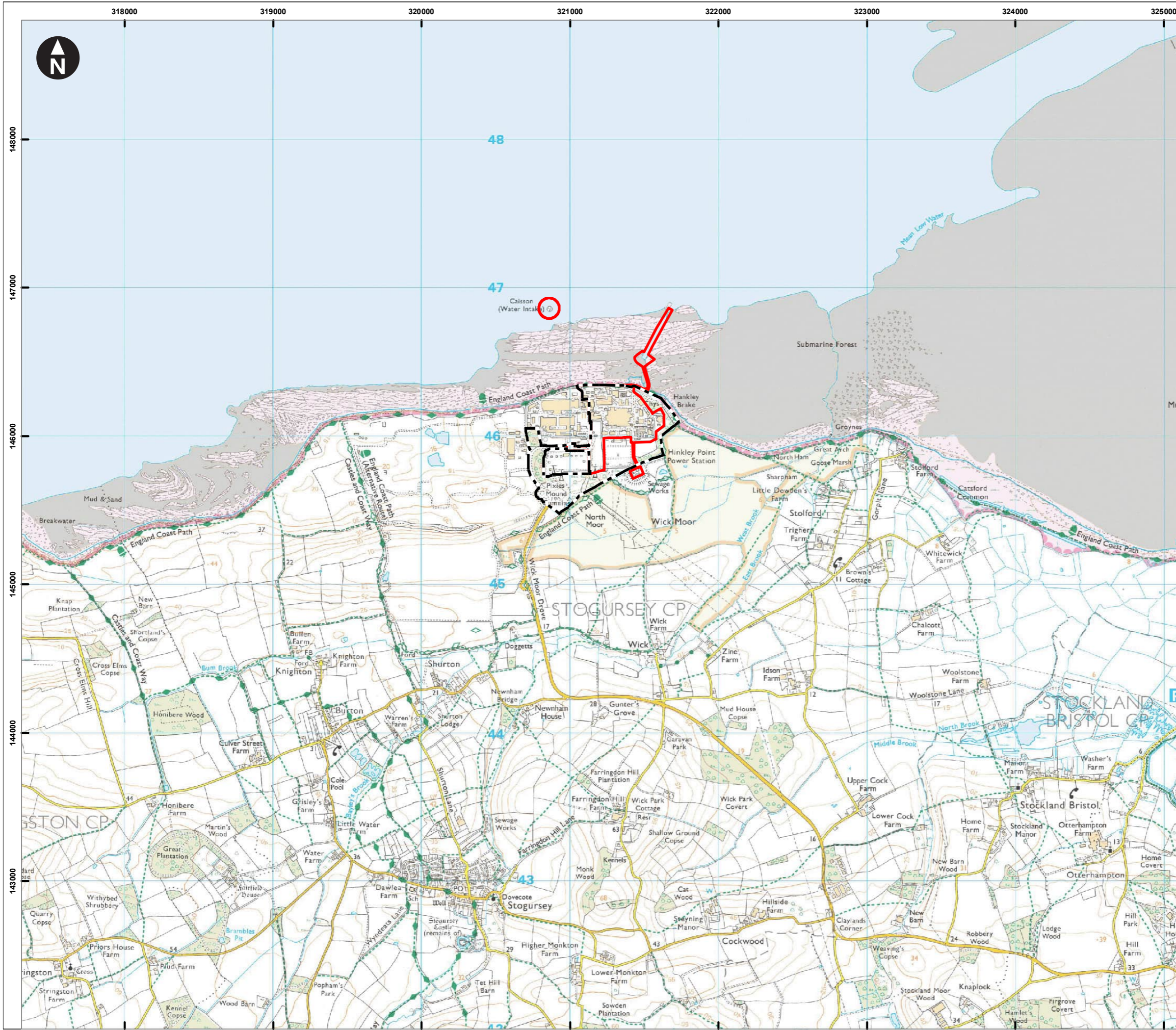
2

The Decommissioning process





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Key

- Nuclear Site Licence Boundary ("The Site")
- Indicative Dismantling Works Area ("Works Area")



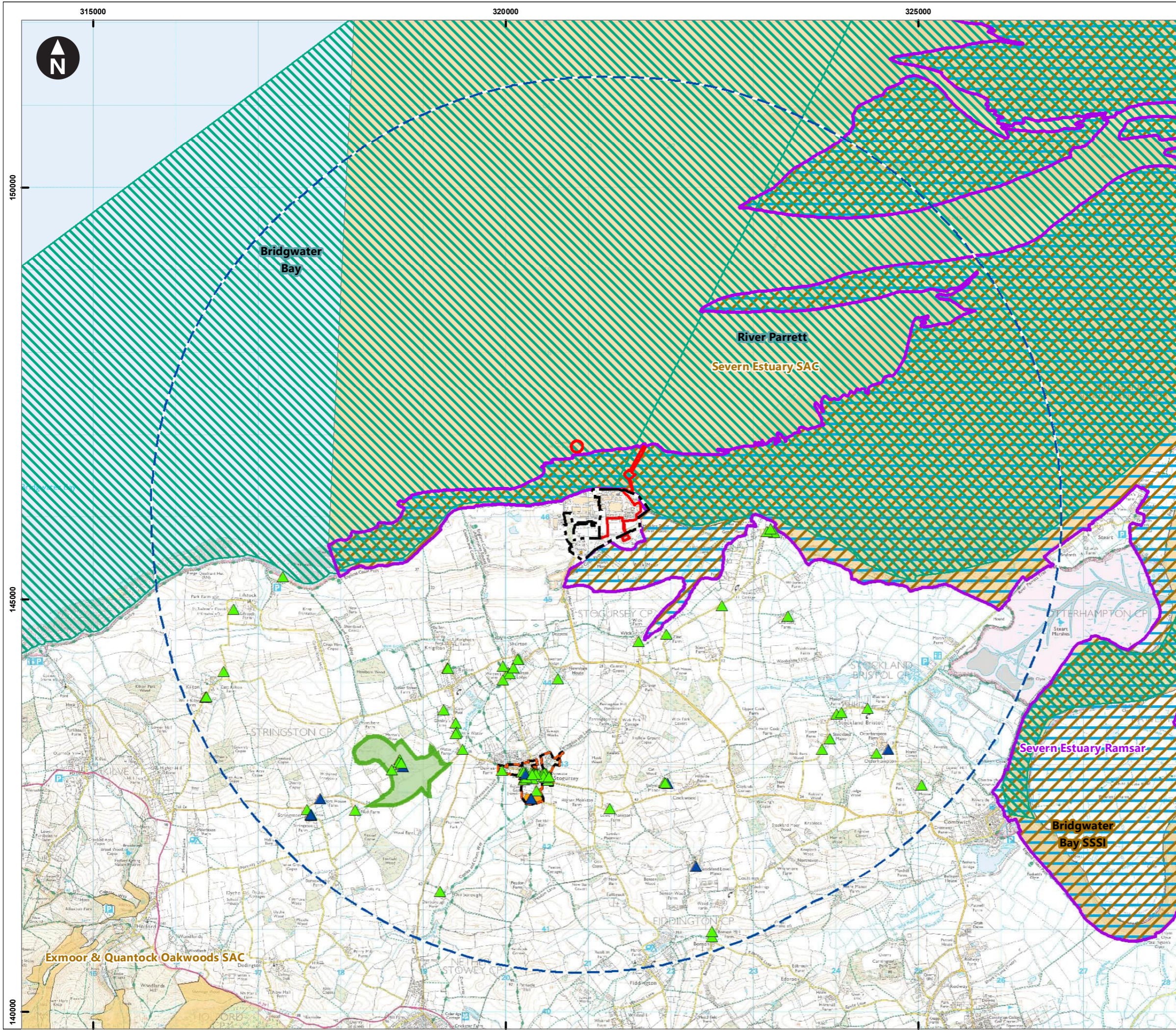
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Decommissioning of Hinkley Point B Nuclear Power Station
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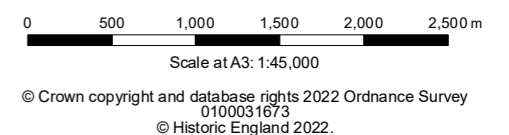
Figure 2.1
 Site location

June 2024



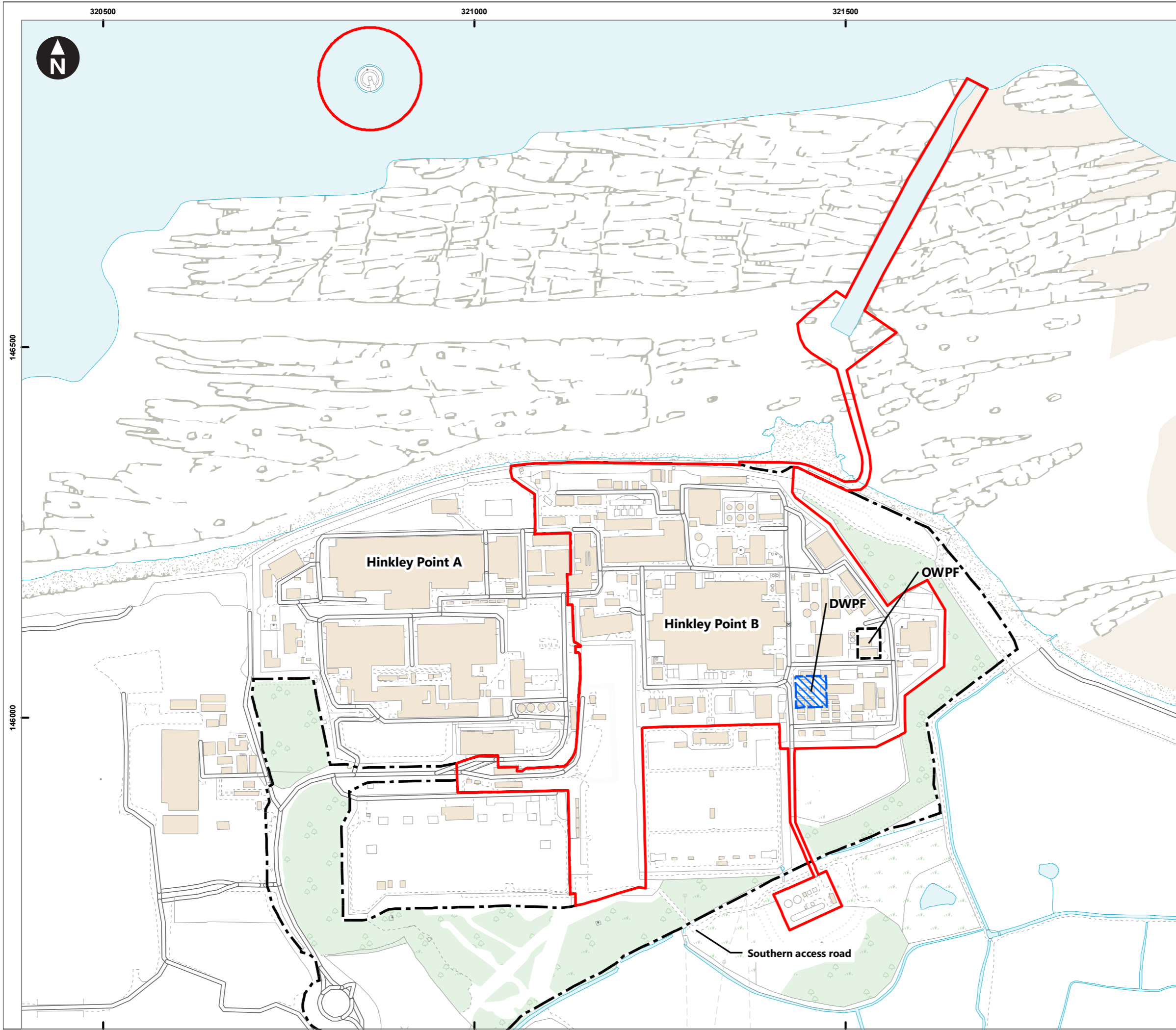






- Key
- Nuclear Site Licence Boundary ("The Site")
 - Indicative Dismantling Works Area ("Works Area")
 - Study area (5km buffer)
 - Historic parks and gardens
 - Conservation Area
 - Scheduled monument
- Listed Building
- Grade I listed building
 - Grade II* listed building
 - Grade II listed building
- RAMSAR site
 - Special Protection Area (SPA)
 - Special Area of Conservation (SAC)
 - Site of Special Scientific Interest (SSSI)
 - Coastal WFD water bodies



Decommissioning of Hinkley Point B Nuclear Power Station
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Figure 2.2
Environmental features up to 5km



- Key
-  Indicative Dismantling Works Area ("Works Area")
 -  Nuclear Site Licence Boundary ("The Site")
 -  Proposed Operational Waste Processing Facility (OWPF)
 -  Proposed Decommissioning Waste Processing Facility (DWPF)

0 100 200 300 m
 Scale at A3: 1:5,000
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Decommissioning of Hinkley Point B Nuclear Power Station
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Figure 2.3
 Location of proposed OWP and DWPF

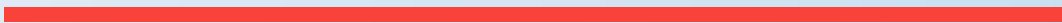
June 2024



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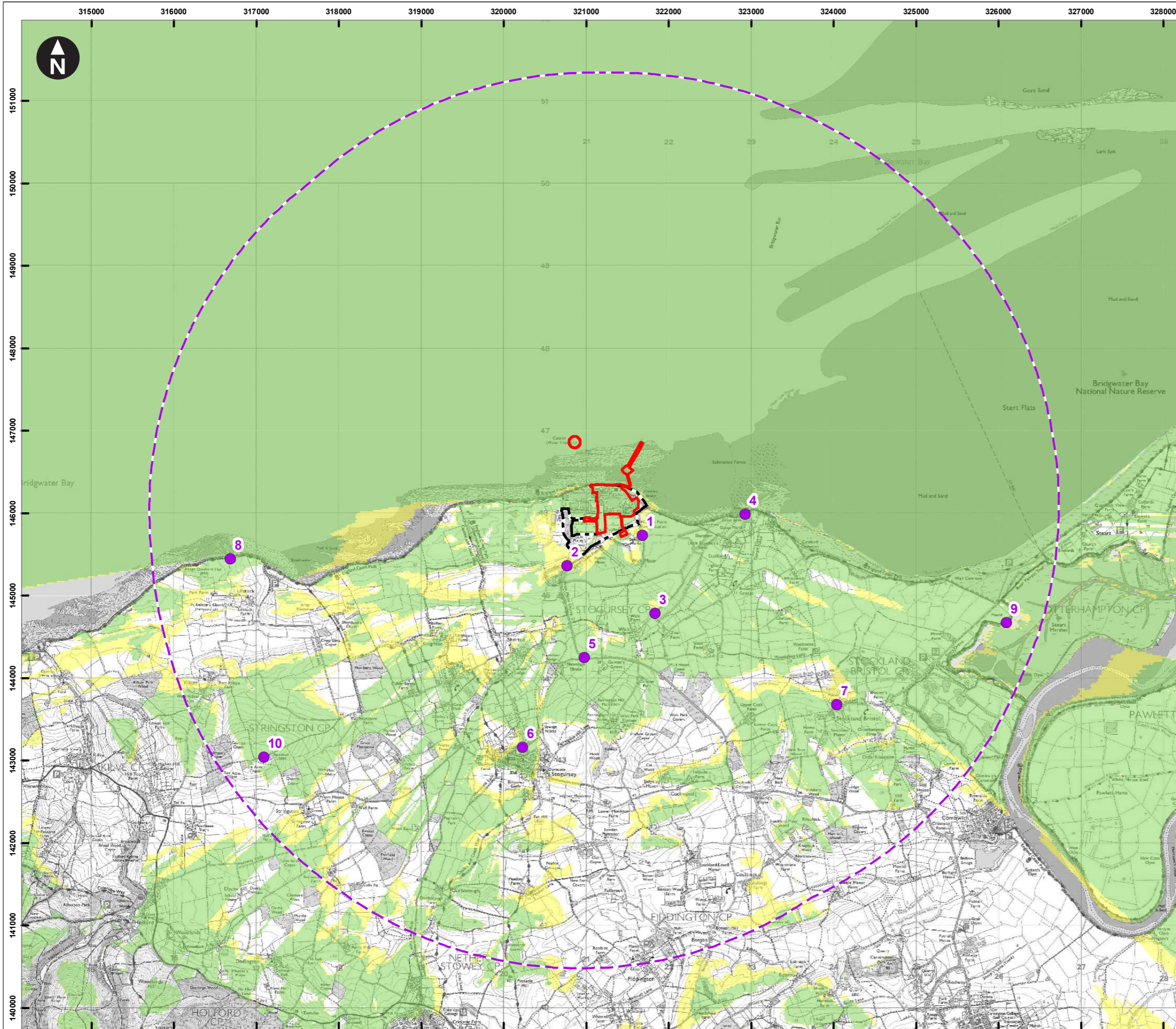
3

Alternatives





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Key

- Indicative Dismantling Works Area ("Works Area")
- Nuclear Site Licence Boundary ("The Site")
- Landscape and visual study area (5km buffer)
- Viewpoint locations

VP1 England Coast Path on the western side of Wick Moor

VP2 England Coast Path within Wick Moor close to Wick Moor Drove

VP3 PRoW WL 23/62 at the southern end of Wick Moor

VP4 England Coast Path close to the settlement of Stolford

VP5 Minor road to the south of the Site (near Gunter's Grove)

VP6 PRoW WL 23/23 on the north side of the settlement of Stogursey

VP7 PRoW BW 32/1 at Stockland Bristol

VP8 England Coast Path to the west of Hinkley Point B

VP9 PRoW BW 25/7/River Parrett Trail/England Coast Path within Steart Marshes

VP10 PRoW BW 24/3 north of Stringston

- Combined theoretical visibility of the reactor building (at maximum height 36m & 66m)
- Theoretical visibility of the reactor building (at maximum height 66m)

Notes:
The ZTV does not take into account the screening effects of buildings.

Woodland exclusion zones have been created using OS Vectormap District boundary data and modelled at a generic height of 12m.

The ZTV has been modelled using OS Terrain 5 height data.

0 500 1,000 1,500 2,000 2,500 m
Scale at A3: 1:45,000
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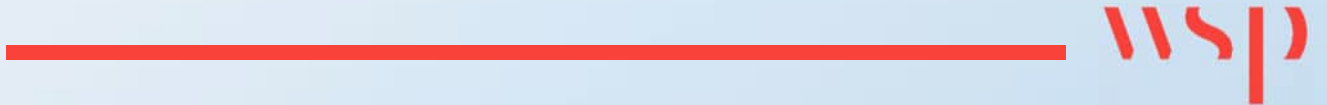
Decommissioning of Hinkley Point B Nuclear Power Station
Environmental Statement

Figure 3.1
Comparative Zone of Theoretical Visibility and viewpoint locations

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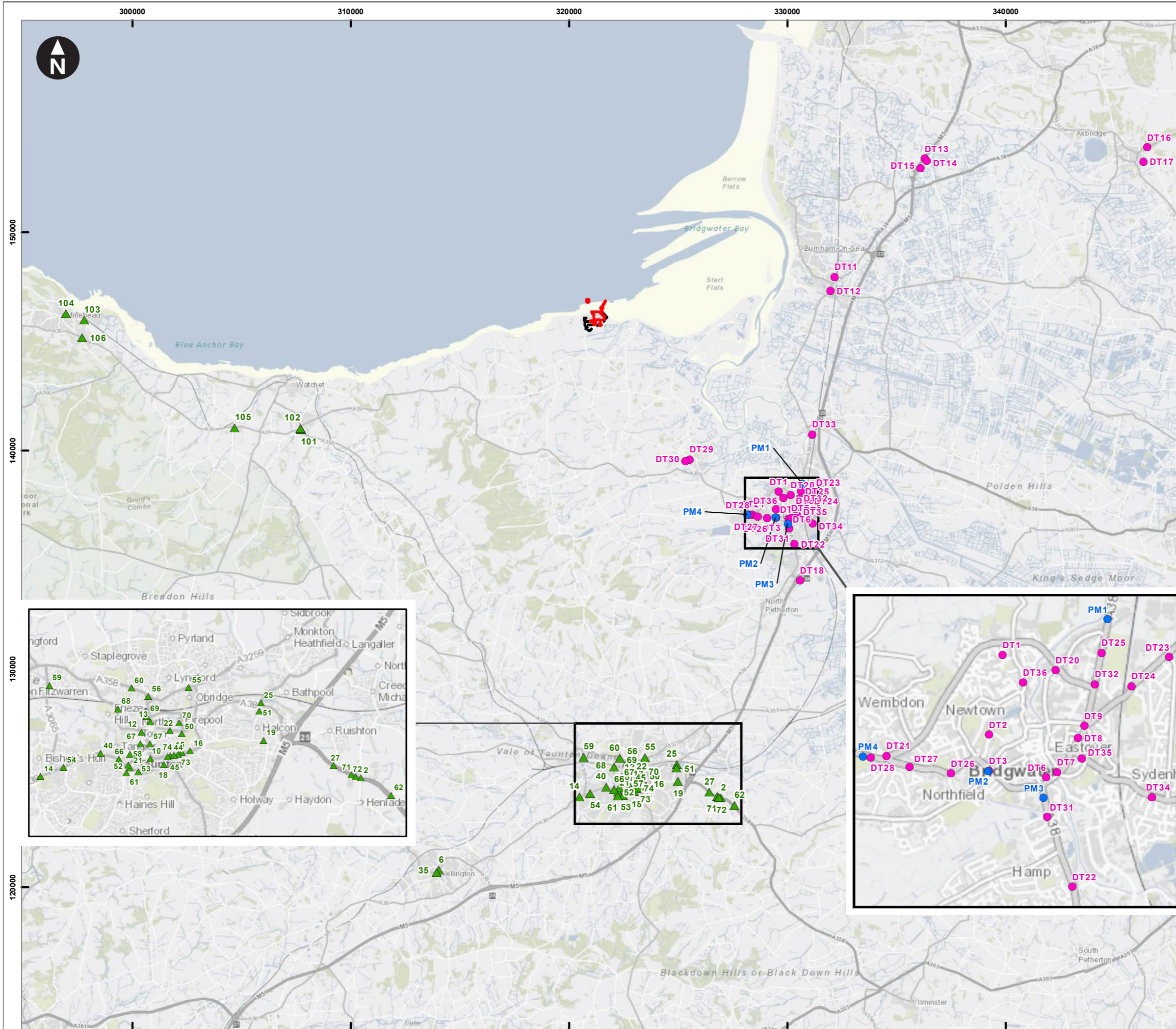
6

Air quality

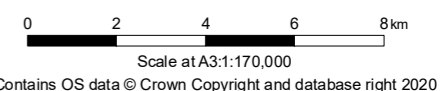




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- Key
- Indicative Dismantling Works Area ("Works Area")
 - Nuclear Site Licence Boundary ("The Site")
 - Sedgemoor District Council NO2 monitoring point
 - Sedgemoor District Council Particulate Matter monitoring point
 - ▲ Somerset West and Taunton Council Monitoring point

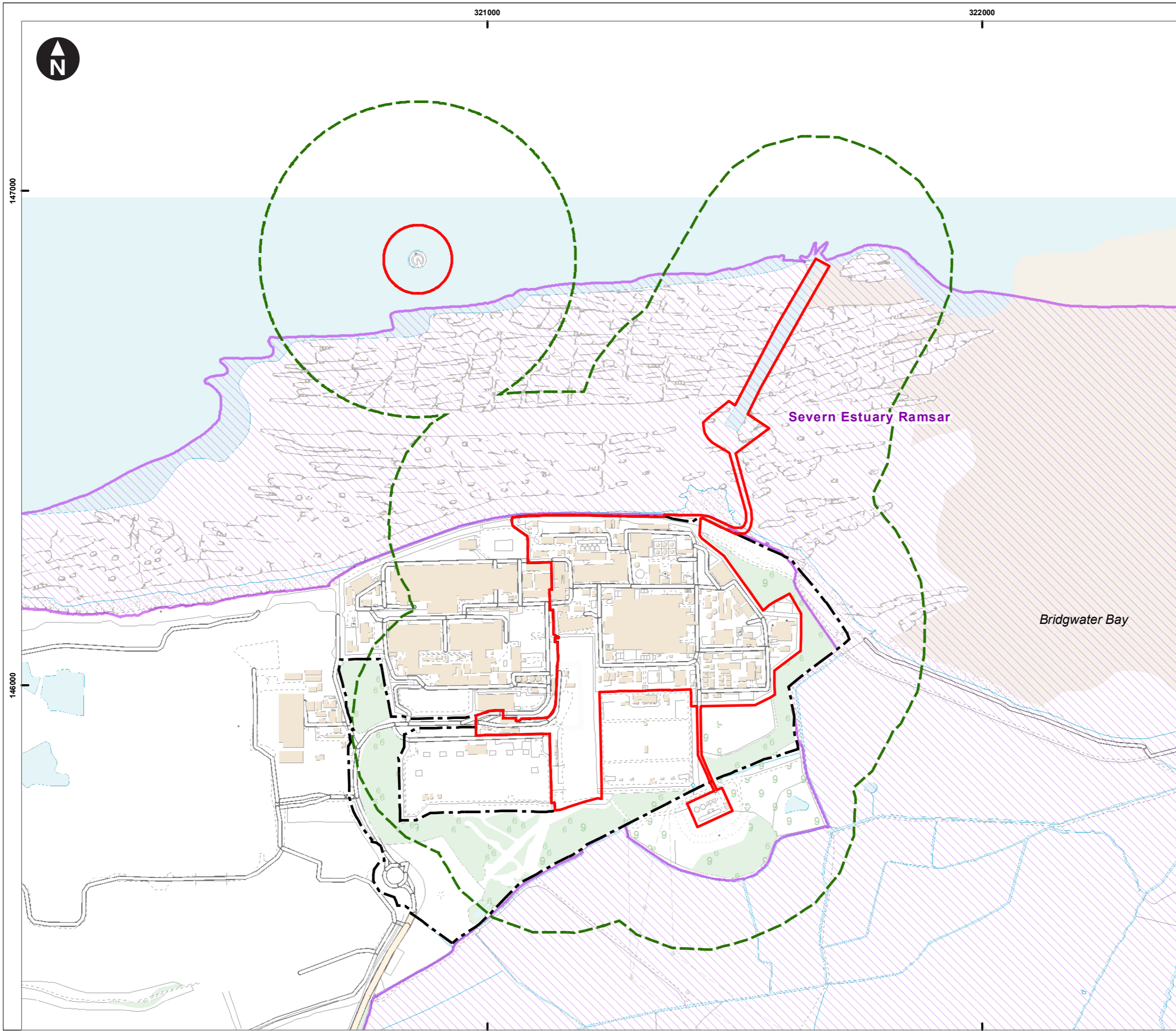


Decommissioning of Hinkley Point B Nuclear Power Station
Environmental Statement

Figure 6.1
Location of air quality monitoring sites

March 2024





- Key
- Indicative Dismantling Works Area ("Works Area")
 - Nuclear Site Licence Boundary ("The Site")
 - 250m buffer
 - Ramsar



Scale at A3: 1:7,500
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Decommissioning of Hinkley Point B Nuclear Power Station
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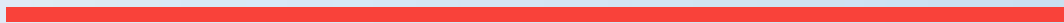
Figure 6.2
 Location of nearby receptors

March 2024



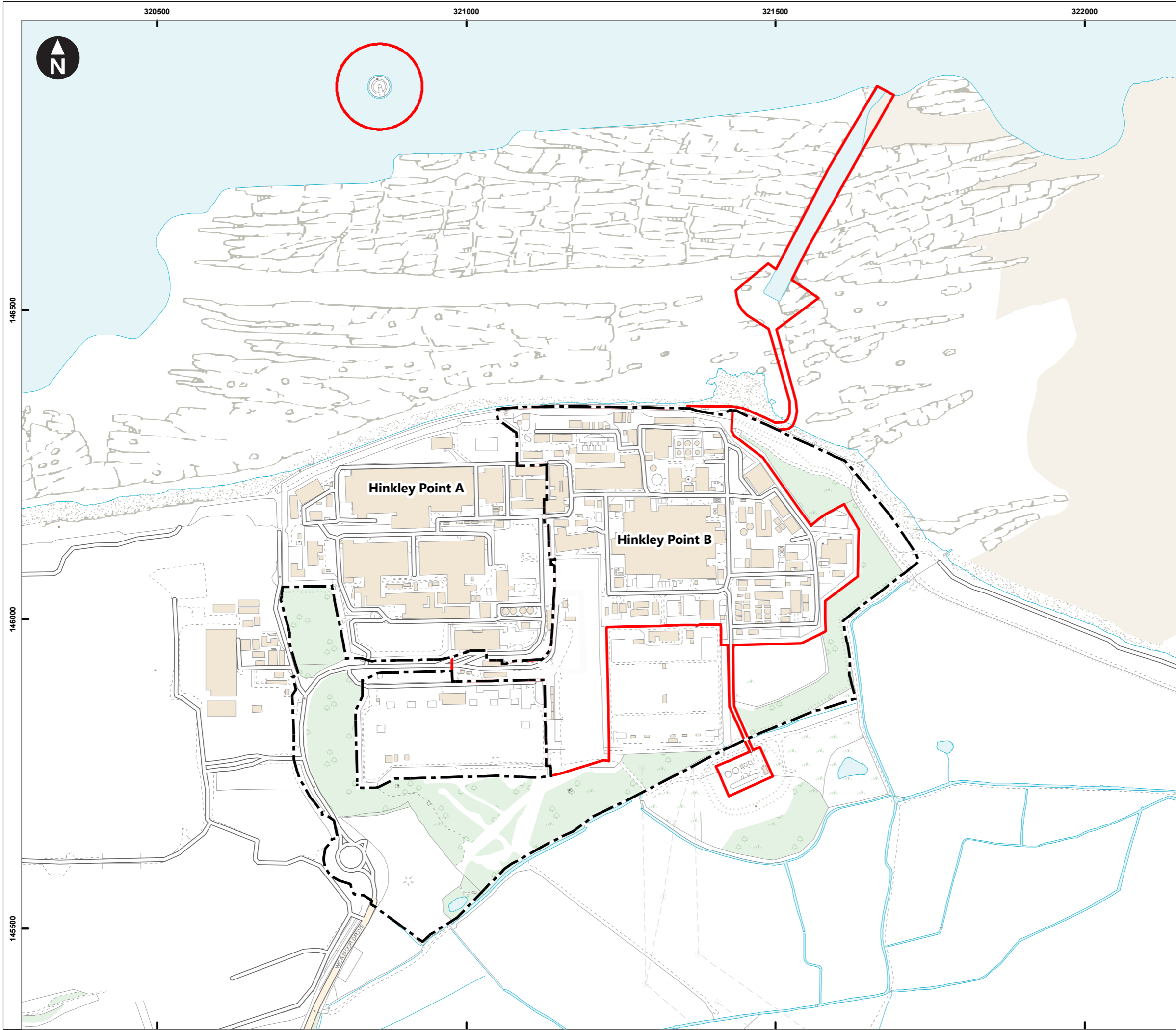
8

Terrestrial biodiversity and ornithology







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Key

-  Nuclear Site Licence Boundary ("The Site")
-  Indicative Dismantling Works Area ("Works Area")

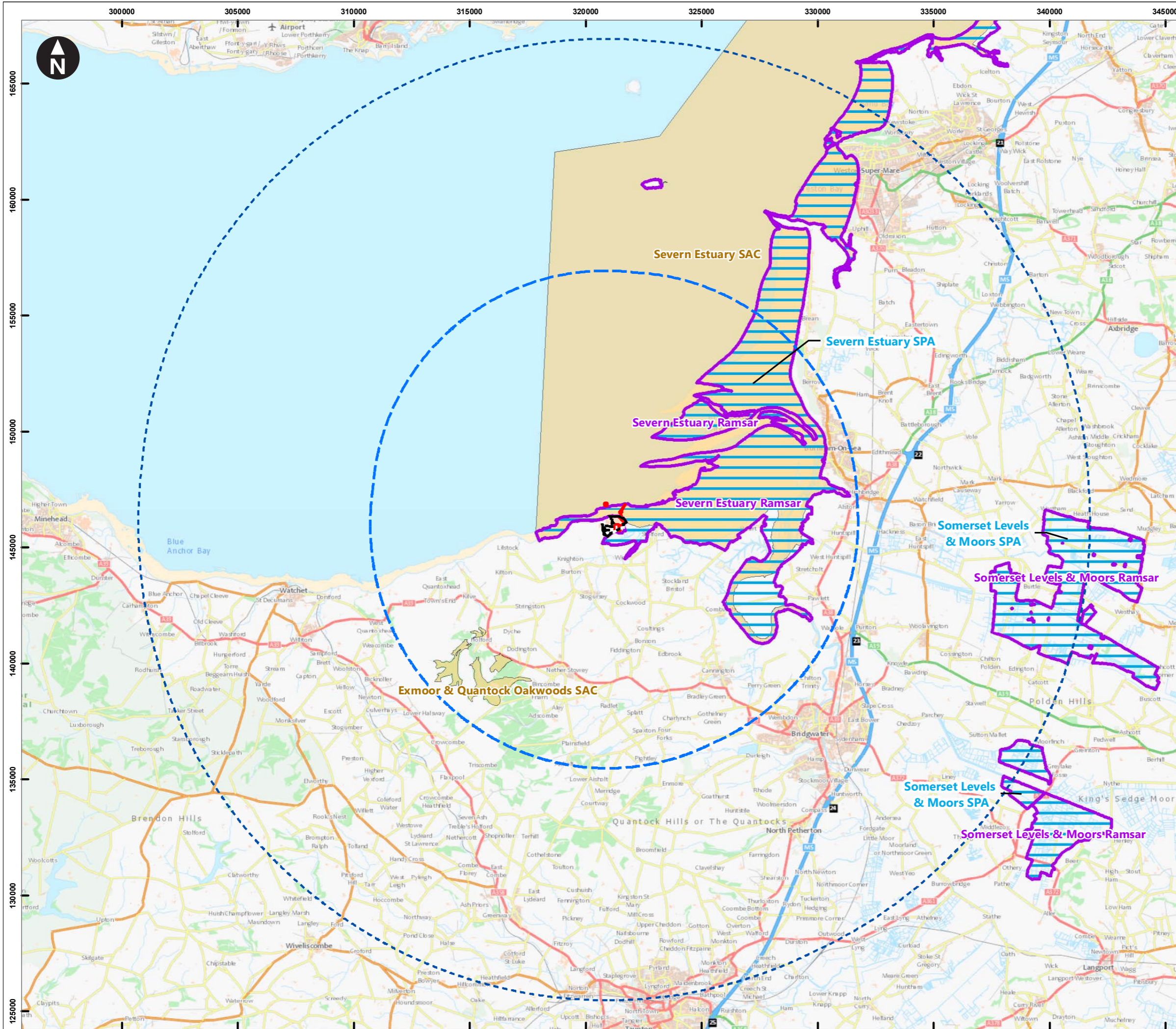
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 Scale at A3: 1:6,000
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 0100031673

Decommissioning of Hinkley Point B Nuclear Power Station
 Environmental Statement

Figure 8.1
The Site and Works Area

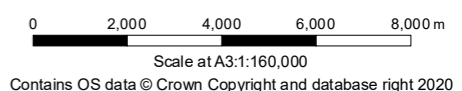
February 2024





Key

- Nuclear Site Licence Boundary ("The Site")
- Indicative Dismantling Works Area ("Works Area")
- 10km perimeter
- 20km perimeter
- RAMSAR site
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)

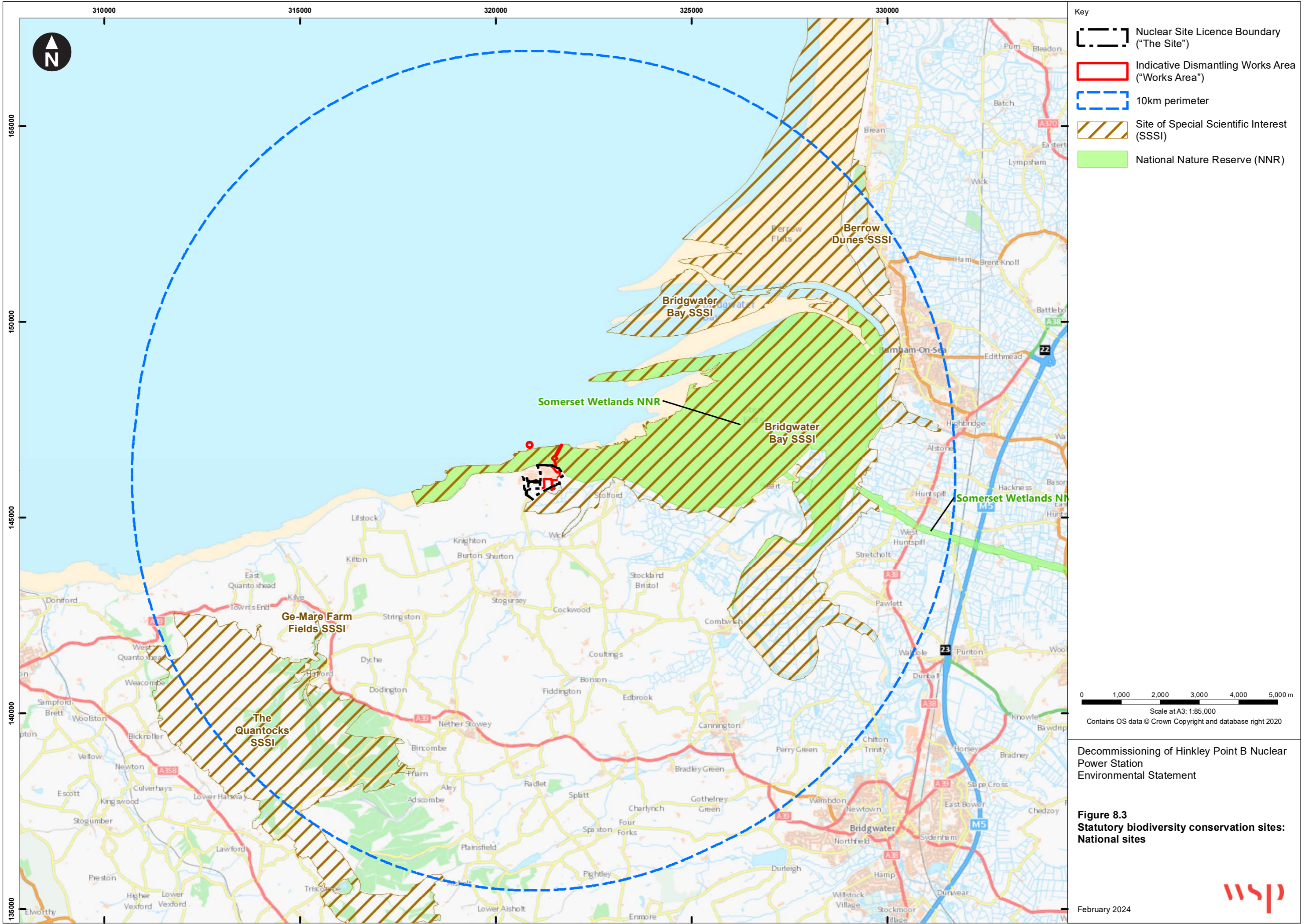


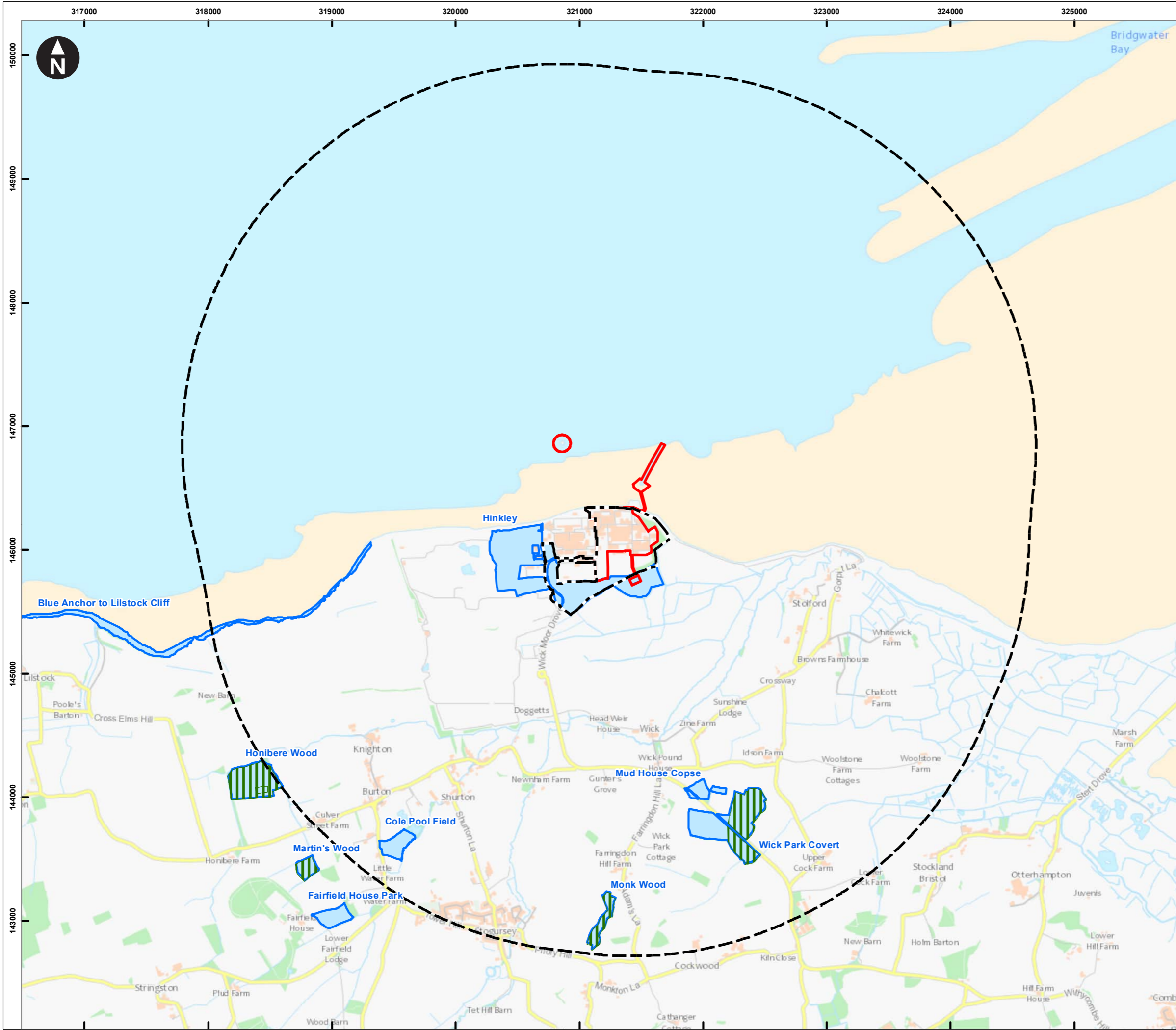
Decommissioning of Hinkley Point B Nuclear Power Station
Environmental Statement

Figure 8.2
Statutory biodiversity conservation sites:
European Sites

February 2024



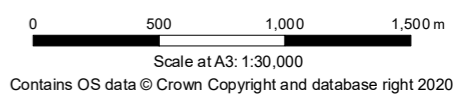




Key

- Nuclear Site Licence Boundary ("The Site")
- Indicative Dismantling Works Area ("Works Area")
- 3km perimeter
- Ancient woodland
- Local Wildlife Site (LWS)

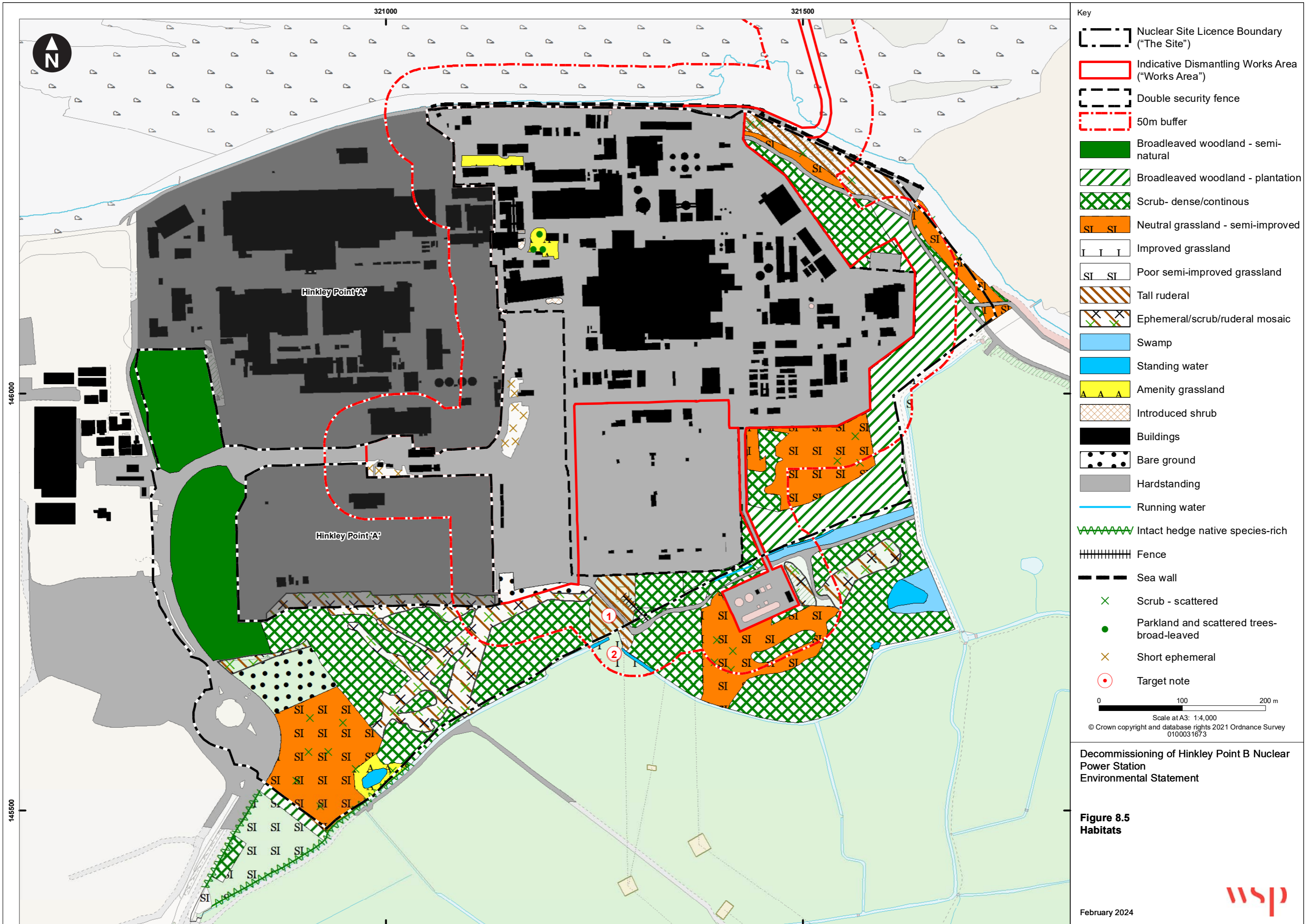
Note:
The mapped extent of Hinkley LWS does not take into account the loss of part of this area to the west of the Nuclear Site Licence boundary which is within the footprint of the Hinkley Point C development.

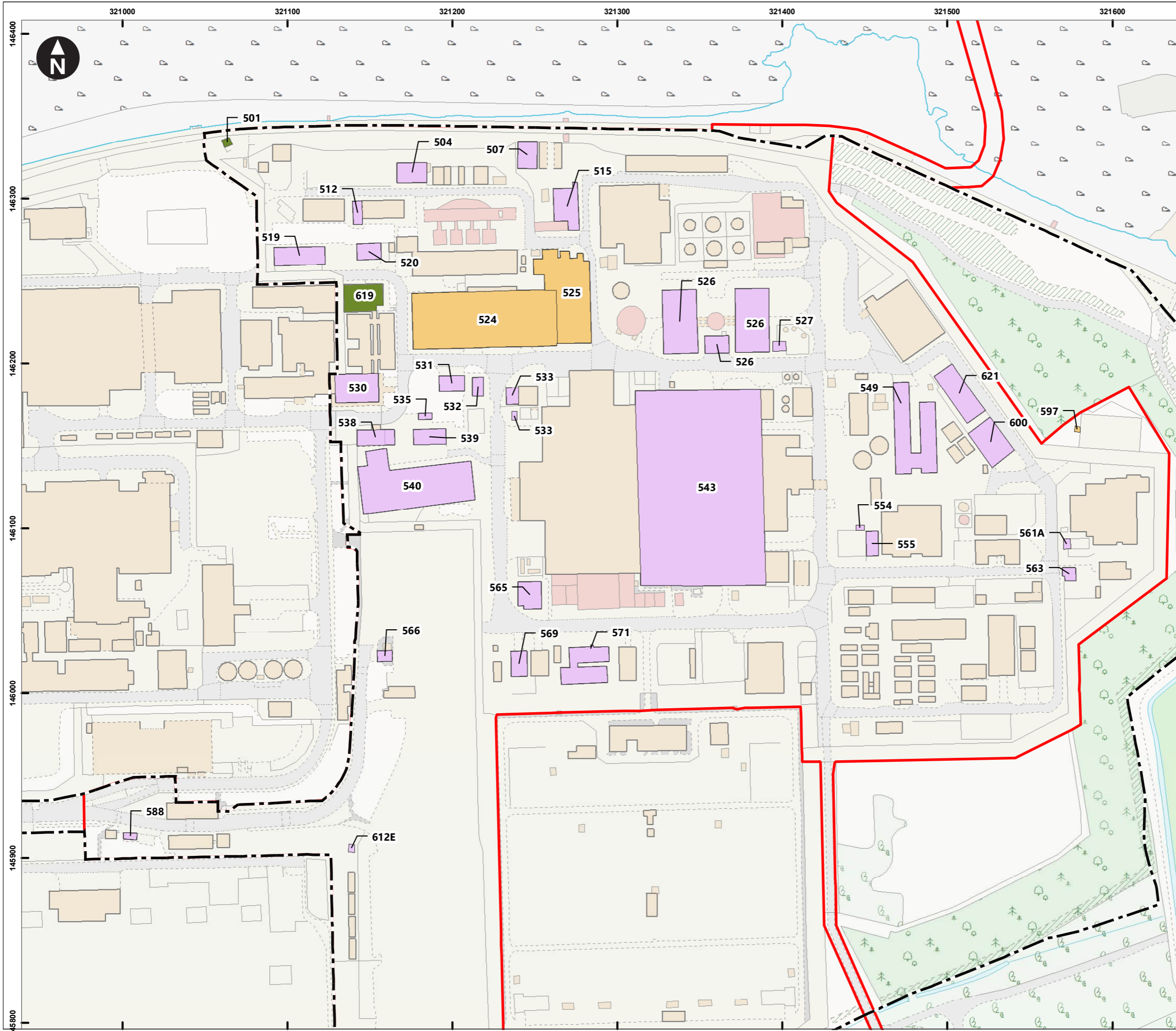


Decommissioning of Hinkley Point B Nuclear Power Station
Environmental Statement

Figure 8.4
Non-statutory biodiversity conservation sites







Key

- Nuclear Site Licence Boundary ("The Site")
- Indicative Dismantling Works Area ("Works Area")

Bat Roost Suitability

- Hibernacula
- Moderate
- Low

Note
Other buildings within the survey area have negligible roost suitability.

0 50 100m
Scale at A3: 1:2,250
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0100031673

Decommissioning of Hinkley Point B Nuclear Power Station
Environmental Statement

Figure 8.6
Bat roost suitability



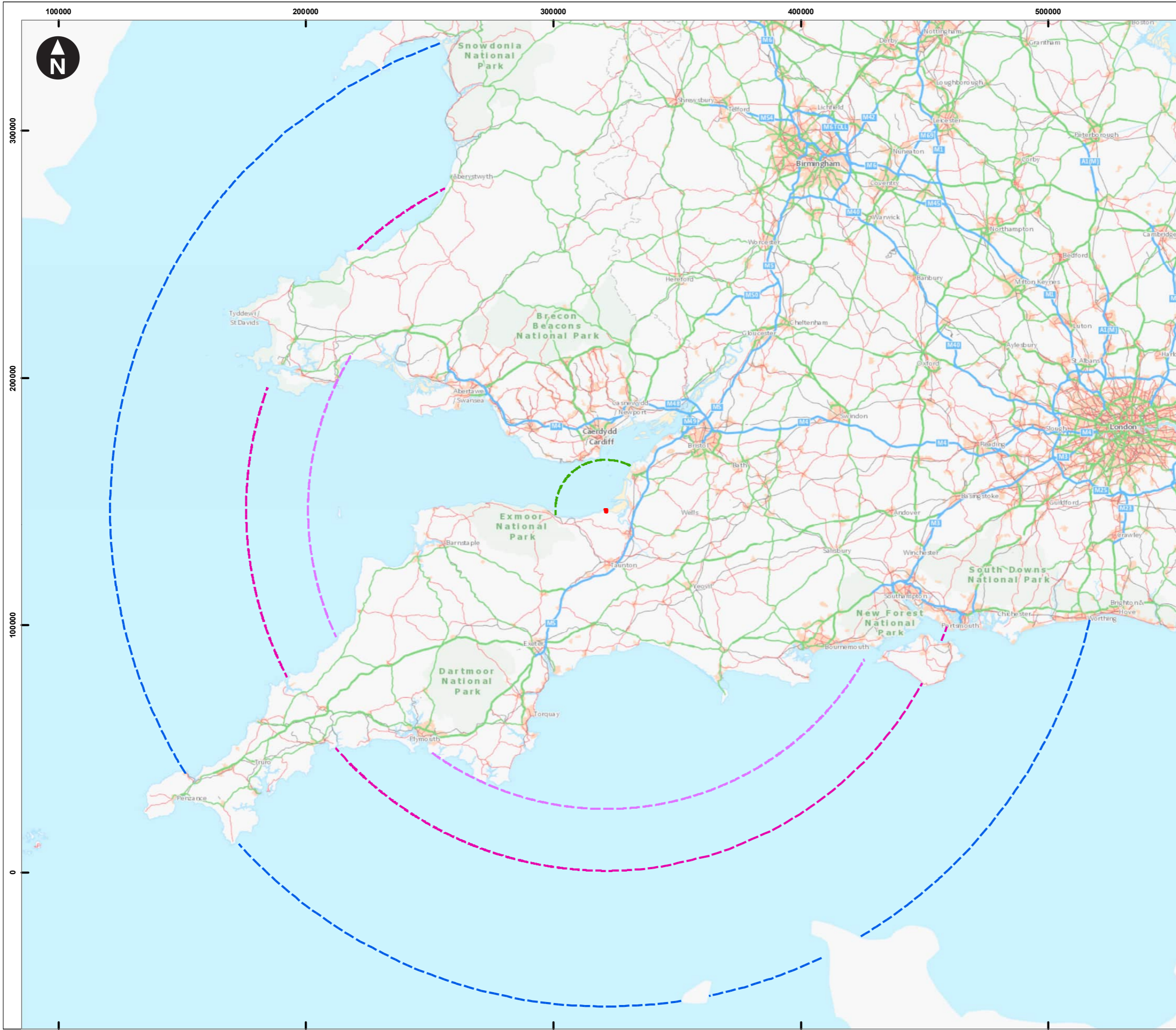
9

Marine biodiversity

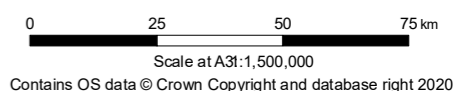




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- Key
- Indicative Dismantling Works Area ("Works Area")
 - 200km buffer zone for Fish (migratory and non-migratory) and Cretaceans
 - 145km buffer zone for Pinnipeds - grey seal
 - 120km buffer zone for Pinnipeds - common seal
 - 20km buffer zone for Intertidal habitats/species and Subtidal habitats species



Decommissioning of Hinkley Point B Nuclear Power Station
Environmental Statement

Figure 9.1
Marine Biodiversity study areas

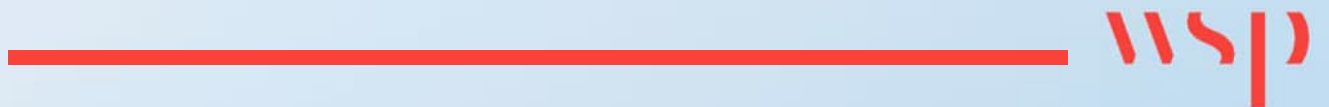
August 2024



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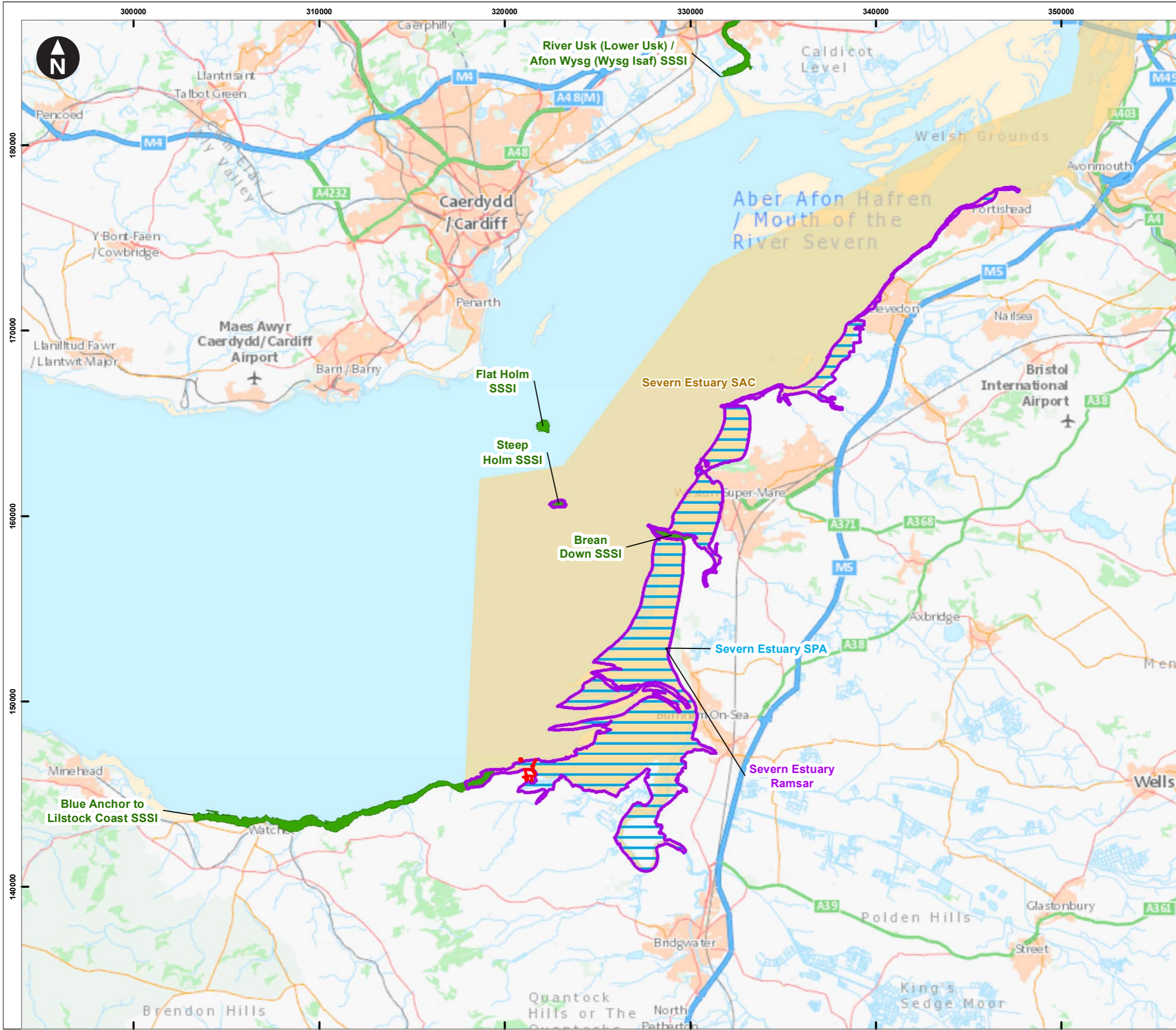
10

Coastal Management and Water Quality










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Key

-  Indicative Dismantling Works Area ("Works Area")
-  RAMSAR site
-  Special Protection Area (SPA)
-  Special Area of Conservation (SAC)
-  Site of Special Scientific Interest (SSSI)

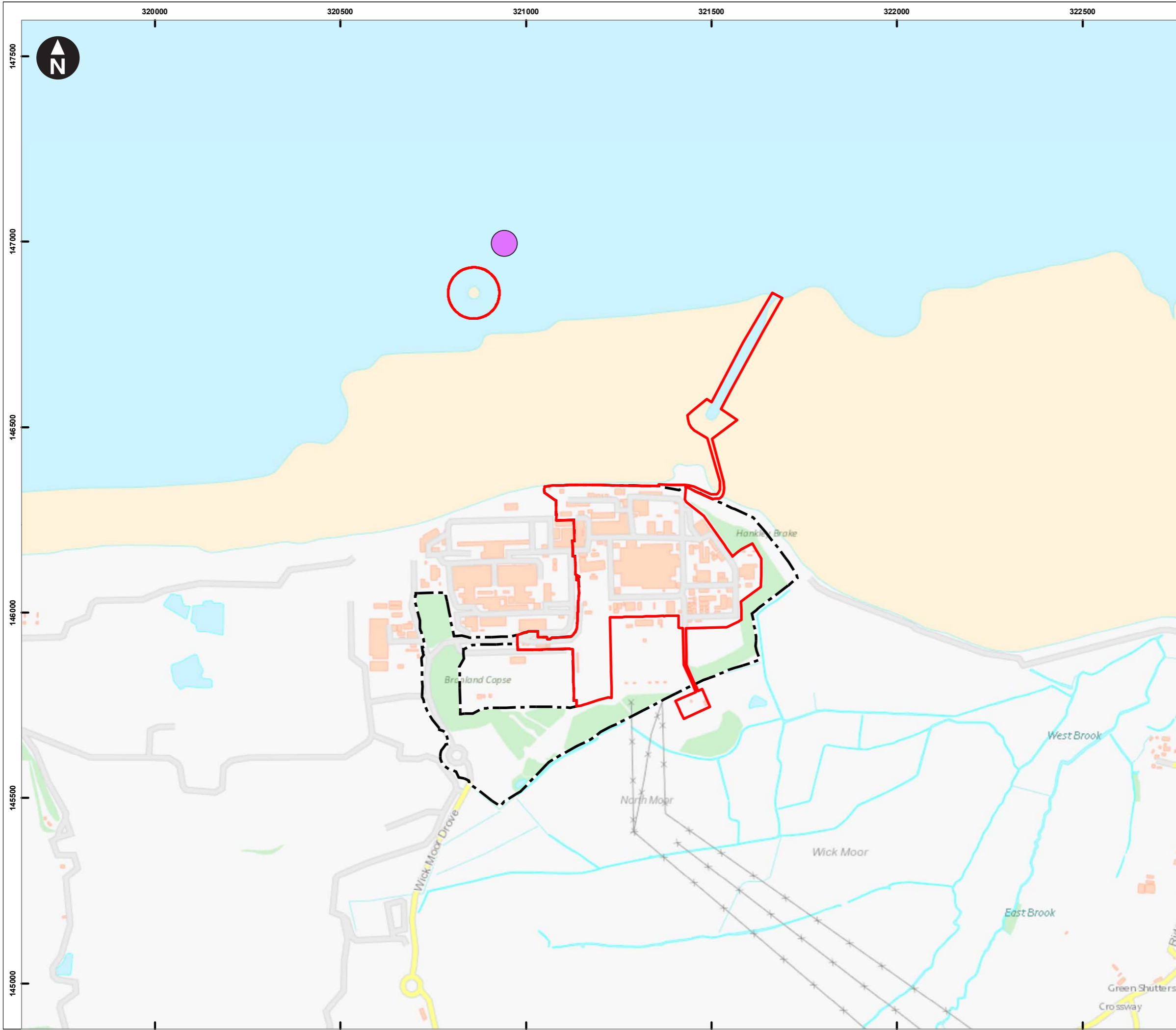
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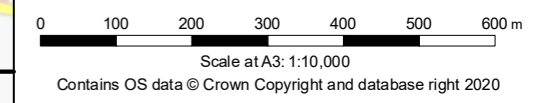
Figure 10.1
Marine biodiversity sites

May 2024





- Key
- Nuclear Site Licence Boundary ("The Site")
 - Indicative Dismantling Works Area ("Works Area")
 - Marine water quality monitoring

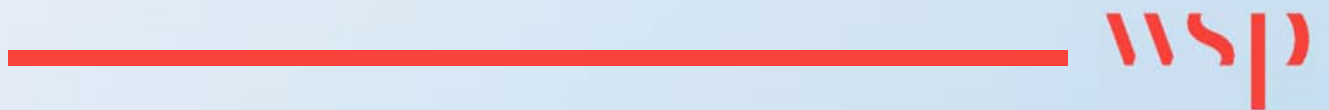


Decommissioning of Hinkley Point B Nuclear Power Station
Environmental Statement

Figure 10.2
Marine water quality monitoring locations

11

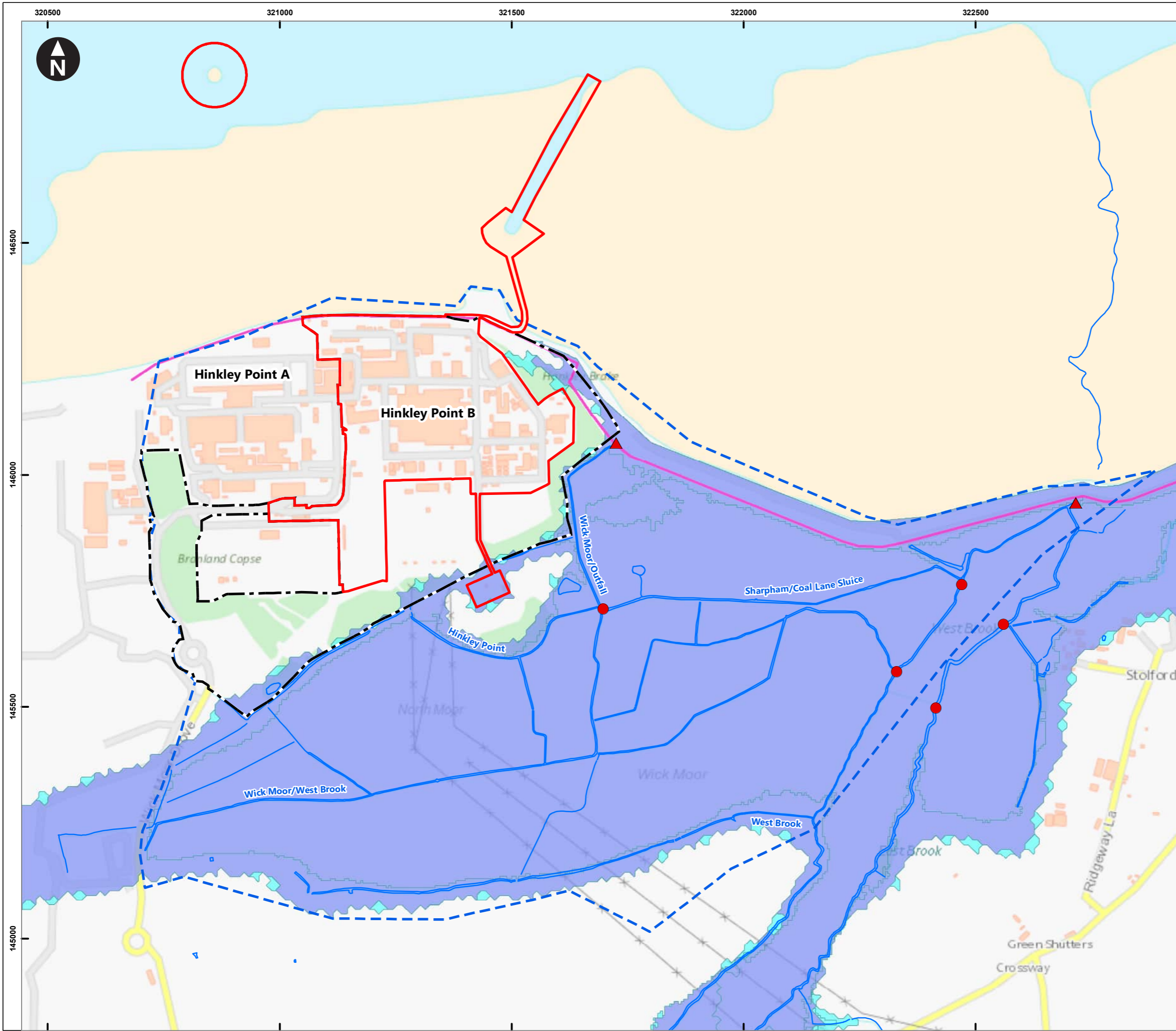
Surface water and flood risk



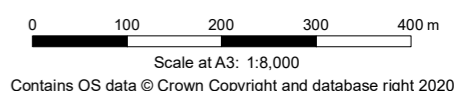


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- Key
- Indicative Dismantling Works Area ("Works Area")
 - Nuclear Site Licence Boundary ("The Site")
 - Watercourse
 - Surface water and flood risk study area
 - Spatial flood defence
 - Outfall
 - Control structure
 - Environment Agency Flood Zone 1
 - Environment Agency Flood Zone 2
 - Environment Agency Flood Zone 3

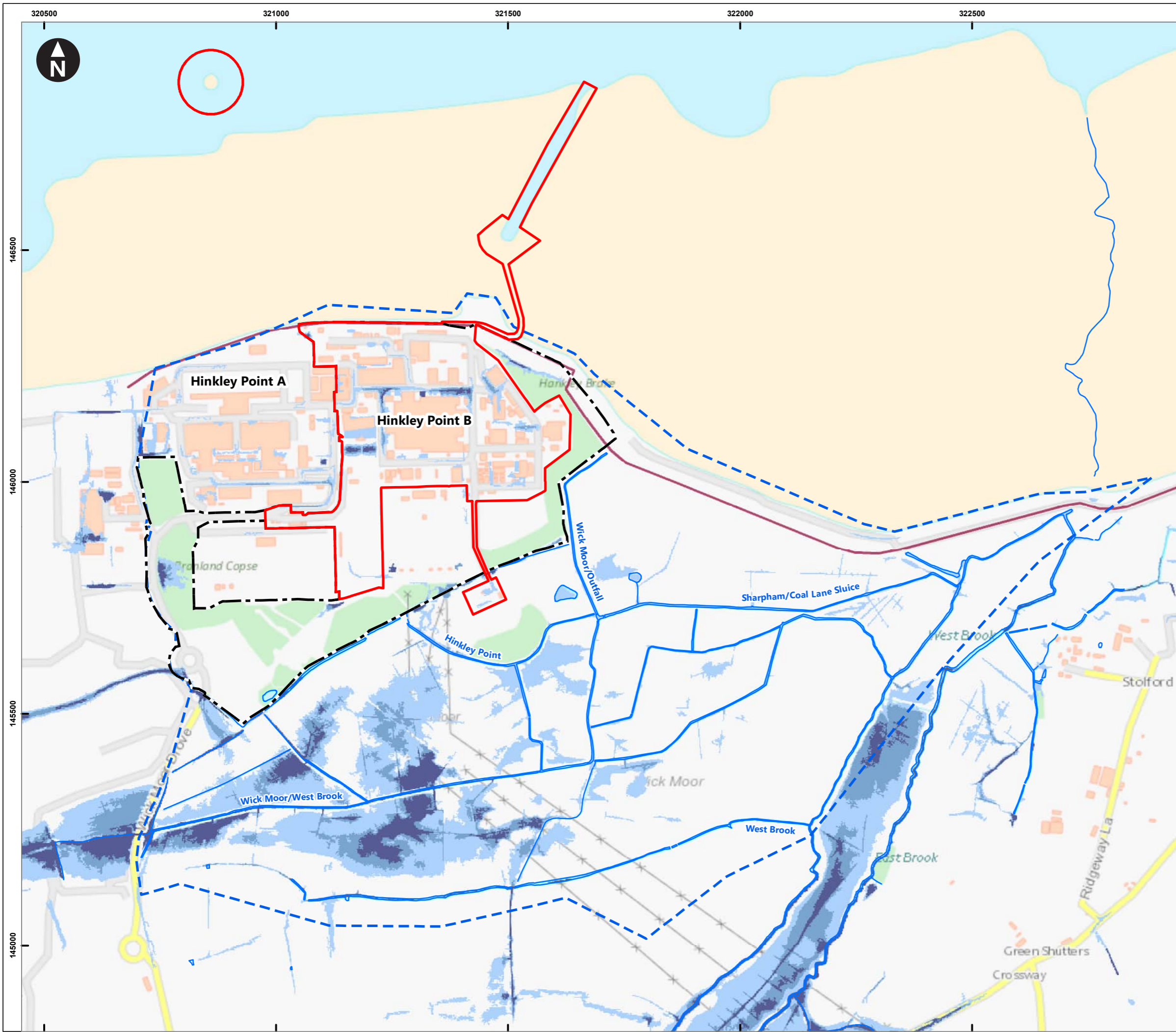


Decommissioning of Hinkley Point B Nuclear Power Station
Environmental Statement

Figure 11.1
Surface water and flood risk for planning
(Environment Agency)

April 2024





Key

- Indicative Dismantling Works Area ("Works Area")
- Nuclear Site Licence Boundary ("The Site")
- Watercourse
- Surface water and flood risk study area
- Spatial flood defence
- >3.3% AEP - High risk of surface water flooding
- 1 to 3.3% AEP - Medium risk of surface water flooding
- 0.1 to 1% AEP - Low risk of surface water flooding
- <0.1% AEP - Very low risk of surface water flooding

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Scale at A3: 1:8,000
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Environmental Statement

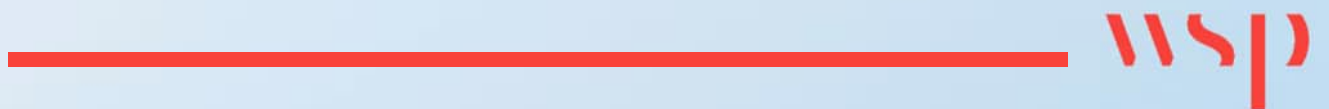
Figure 11.2
Risk of surface water flooding
(Environment Agency)

April 2024



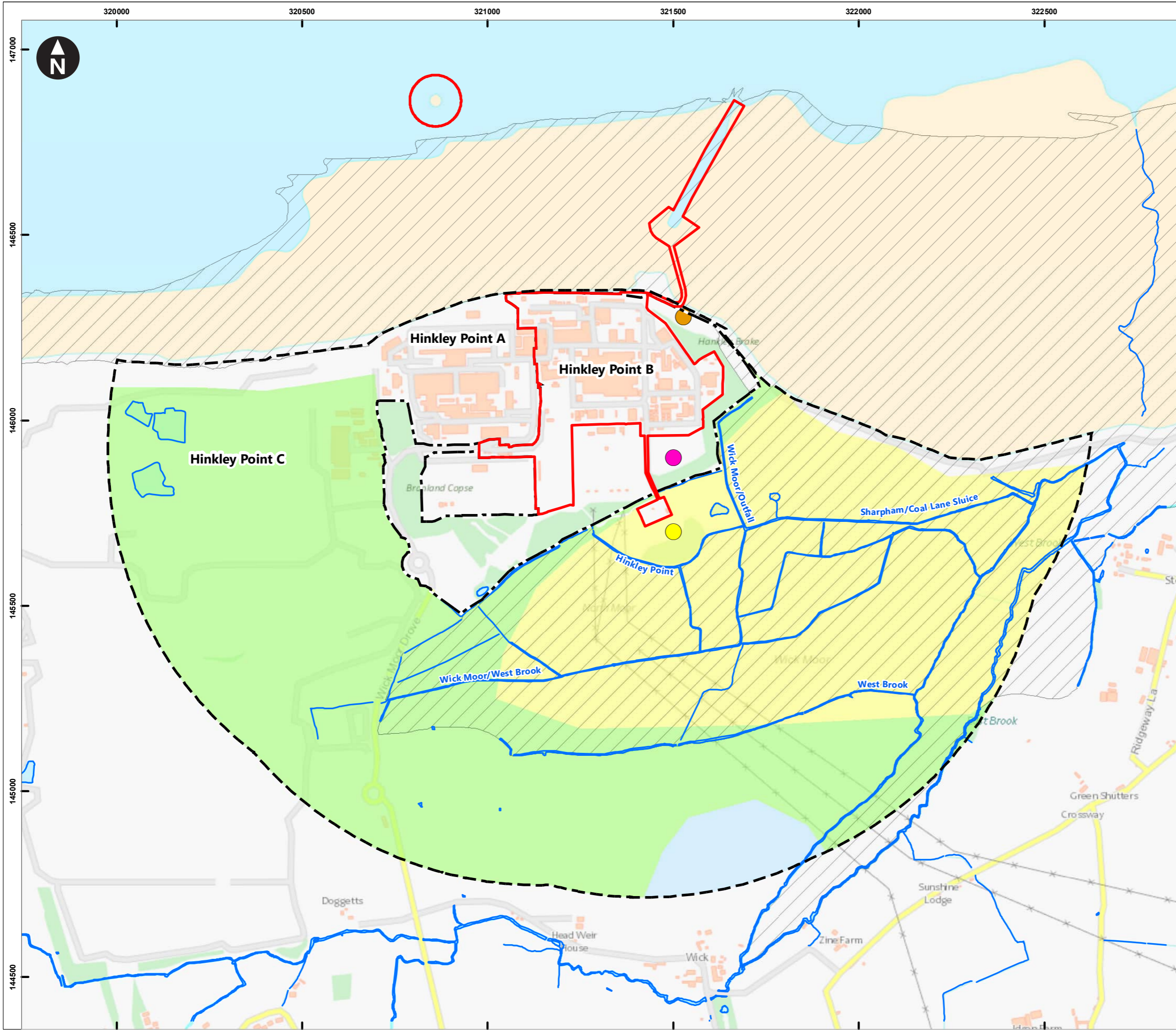
12

Soils, geology and hydrogeology





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Key

- Indicative Dismantling Works Area ("Works Area")
- Nuclear Site Licence Boundary ("The Site")
- Soils, geology and hydrogeology Study Area
- Watercourse
- Landfill: Environmental Permit No. GP3590FF
- Landfill: Environmental Permit No. NP3590FA
- Historical landfill: Waste Disposal Licence WDL 292
- GWDTE

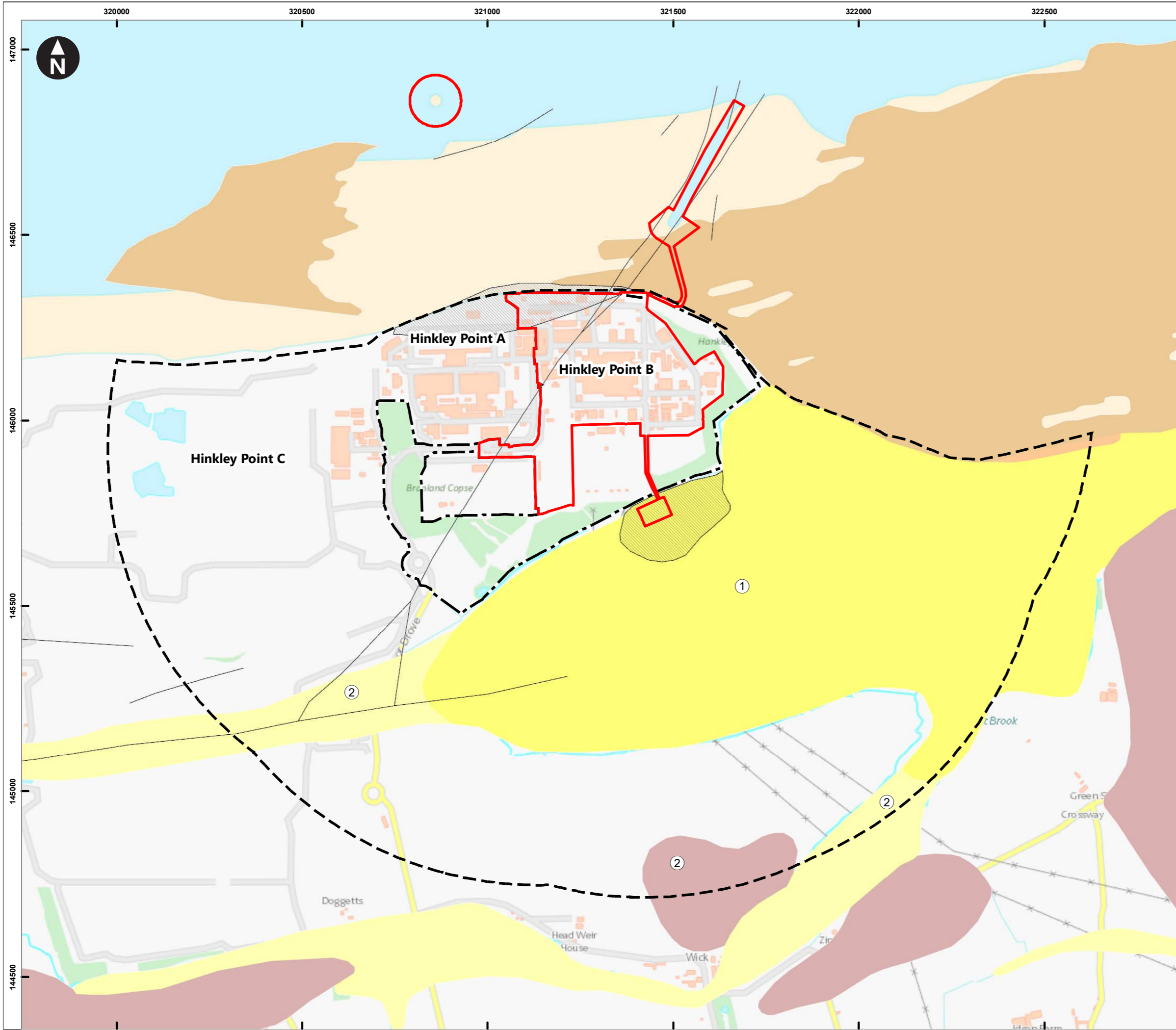
Provisional ALC Grade

- Grade 2
- Grade 3
- Grade 4

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Decommissioning of Hinkley Point B Nuclear Power Station
 Environmental Statement

Figure 12.1
 Soils, geology and hydrogeology – environmental setting



Key

- Indicative Dismantling Works Area ("Works Area")
- Nuclear Site Licence Boundary ("The Site")
- Soils, geology and hydrogeology Study Area

Superficial Aquifer Designations

- ① Secondary (undifferentiated) aquifer
- ② Secondary A aquifer

--- Fault, inferred, displacement unknown

▨ Made Ground (Undivided) - Artificial Deposit

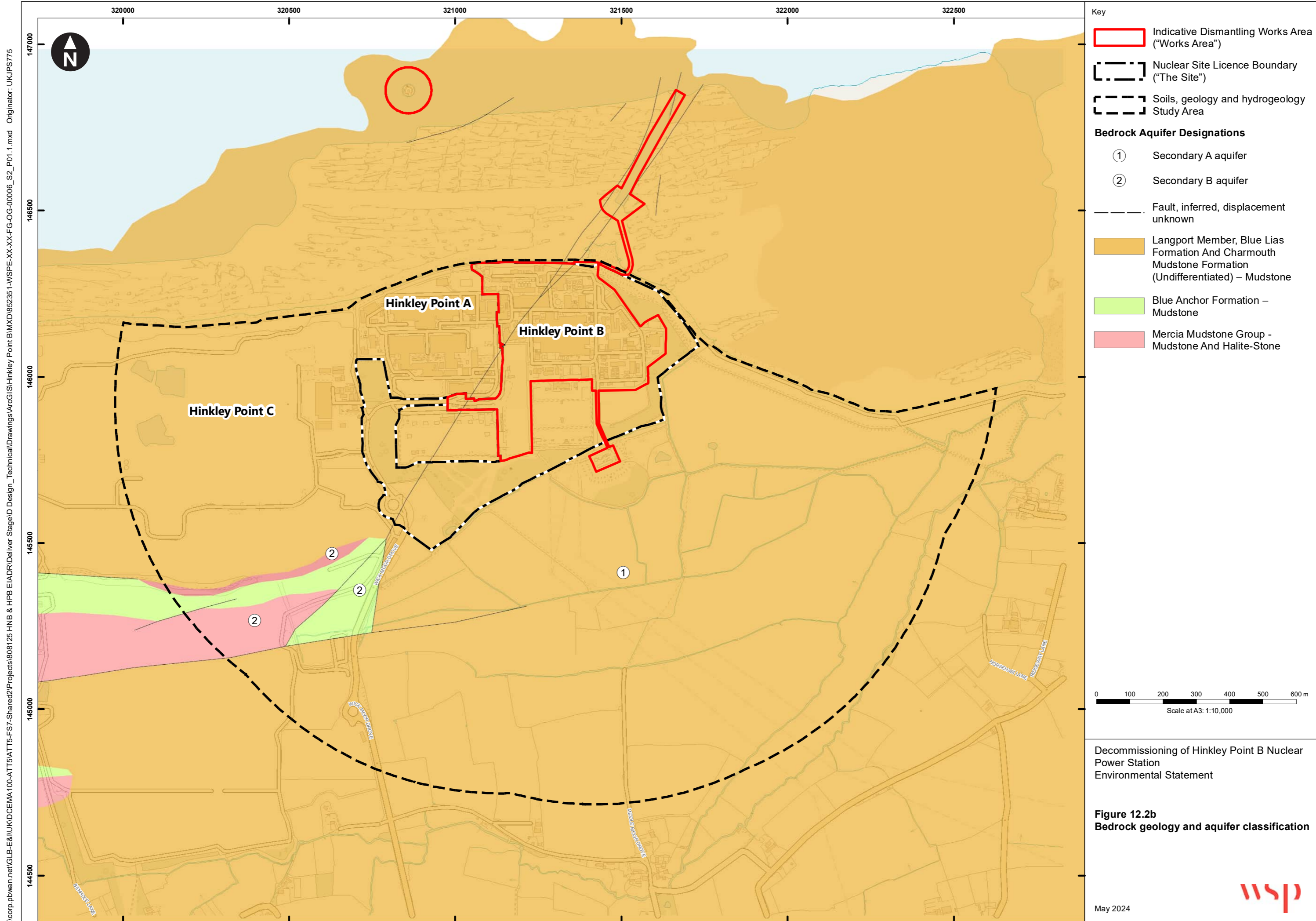
- Beach And Tidal Flat Deposits (Undifferentiated) - Clay, Silt, Sand And Gravel
- Head - Clay, Silt, Sand And Gravel
- Tidal Flat Deposits - Clay, Silt And Sand
- Alluvium - Clay, Silt, Sand And Gravel

0 100 200 300 400 500 600 m
Scale at A3: 1:10,000
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Decommissioning of Hinkley Point B Nuclear Power Station
Environmental Statement

Figure 12.2a
Superficial geology and aquifer classification

May 2024



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Key

- Indicative Dismantling Works Area ("Works Area")
- Nuclear Site Licence Boundary ("The Site")
- Soils, geology and hydrogeology Study Area

Bedrock Aquifer Designations

- ① Secondary A aquifer
- ② Secondary B aquifer

- Fault, inferred, displacement unknown

- Langport Member, Blue Lias Formation And Charmouth Mudstone Formation (Undifferentiated) – Mudstone
- Blue Anchor Formation – Mudstone
- Mercia Mudstone Group - Mudstone And Halite-Stone

0 100 200 300 400 500 600 m
Scale at A3: 1:10,000

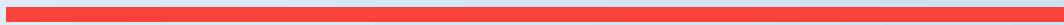
Decommissioning of Hinkley Point B Nuclear Power Station
Environmental Statement

Figure 12.2b
Bedrock geology and aquifer classification

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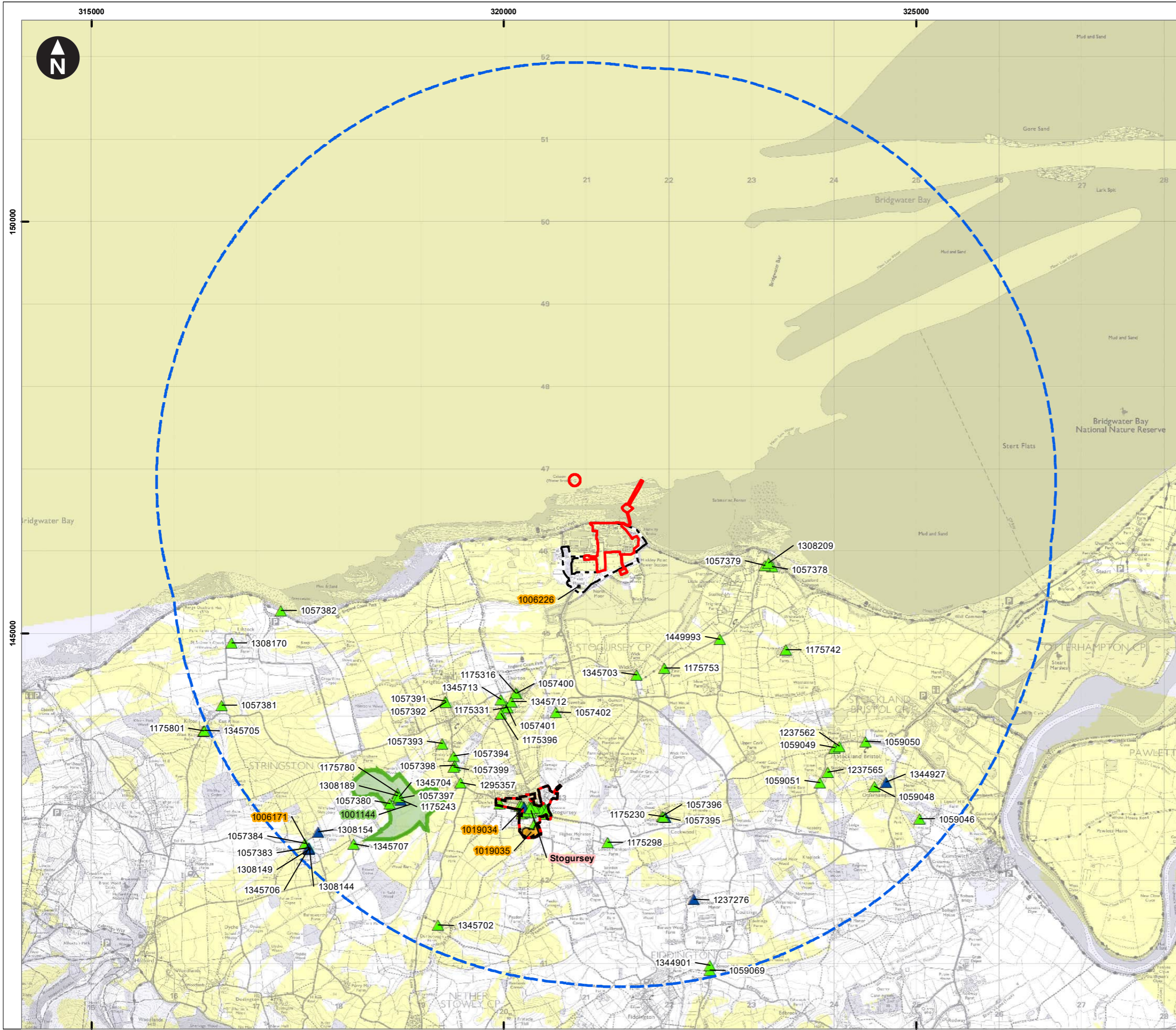
13

Historic Environment





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Key

- Indicative Dismantling Works Area ("Works Area")
- Nuclear Site Licence Boundary ("The Site")
- Study area (5km buffer)
- Scheduled monument
- Historic parks and garden
- Conservation area

Listed building

- ▲ Grade I listed building
- ▲ Grade II* listed building
- ▲ Grade II listed building

Elements of the reactor building may be visible

Notes:
 The ZTV does not take into account the screening effects of buildings.

Woodland exclusion zones have been created using OS Vectormap District boundary data and modelled at a generic height of 12m.

The ZTV has been modelled using OS Terrain 5 height data.

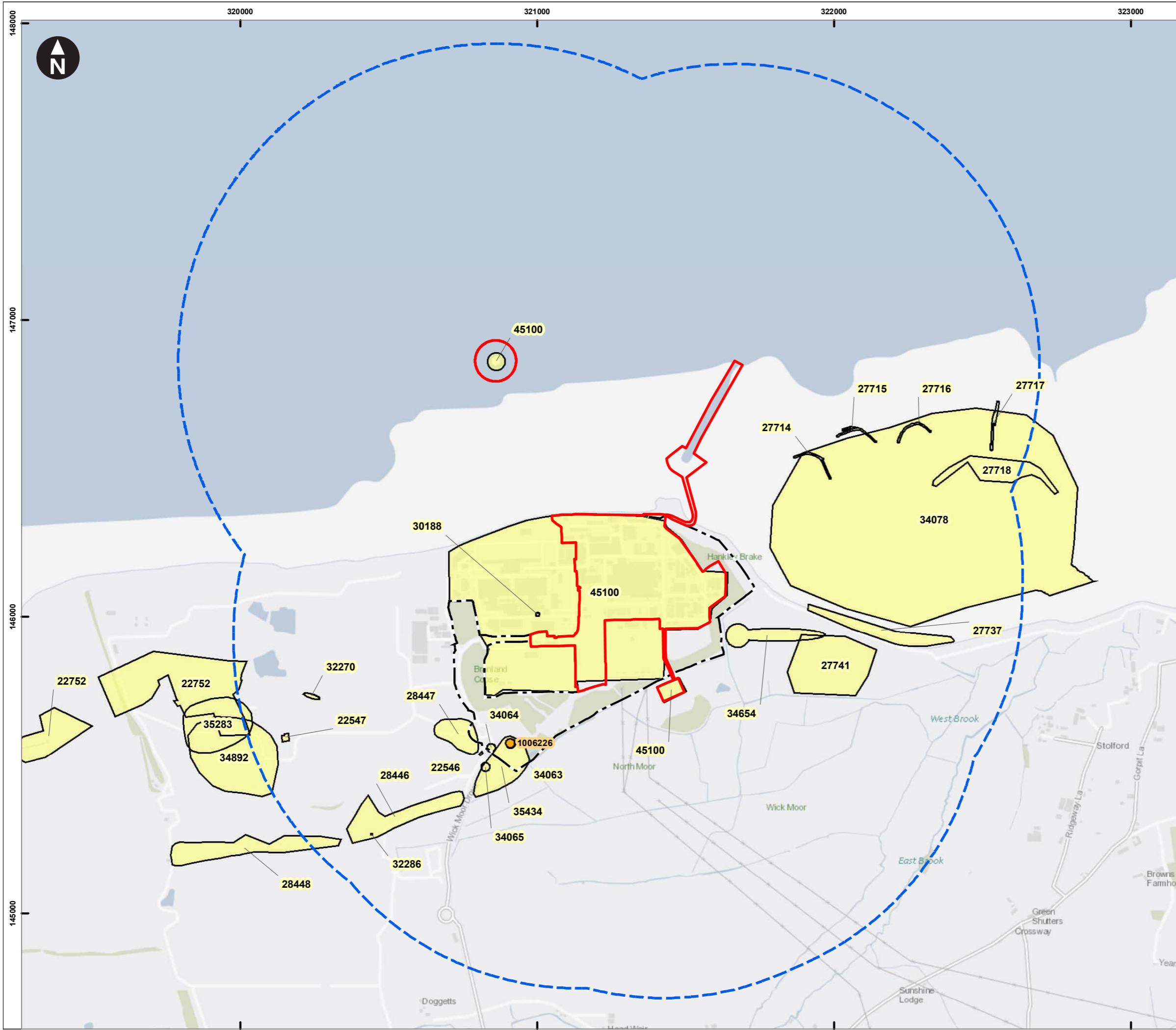
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Scale at A3: 1:45,000

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Decommissioning of Hinkley Point B Nuclear Power Station Environmental Statement

Figure 13.1
Designated Asset Data Supplied by Historic England 2024, 5km study area



- Key
- Indicative Dismantling Works Area ("Works Area")
 - Nuclear Site Licence Boundary ("The Site")
 - Study area (1km buffer)
 - Scheduled monument
 - HER Monuments

0 100 200 300 400 500 m

Scale at A3: 1:12,500

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Decommissioning of Hinkley Point B Nuclear Power Station Environmental Statement

Figure 13.2
HER data supplied by Somerset Historic Environment Record 2024, 1km study area

February 2024



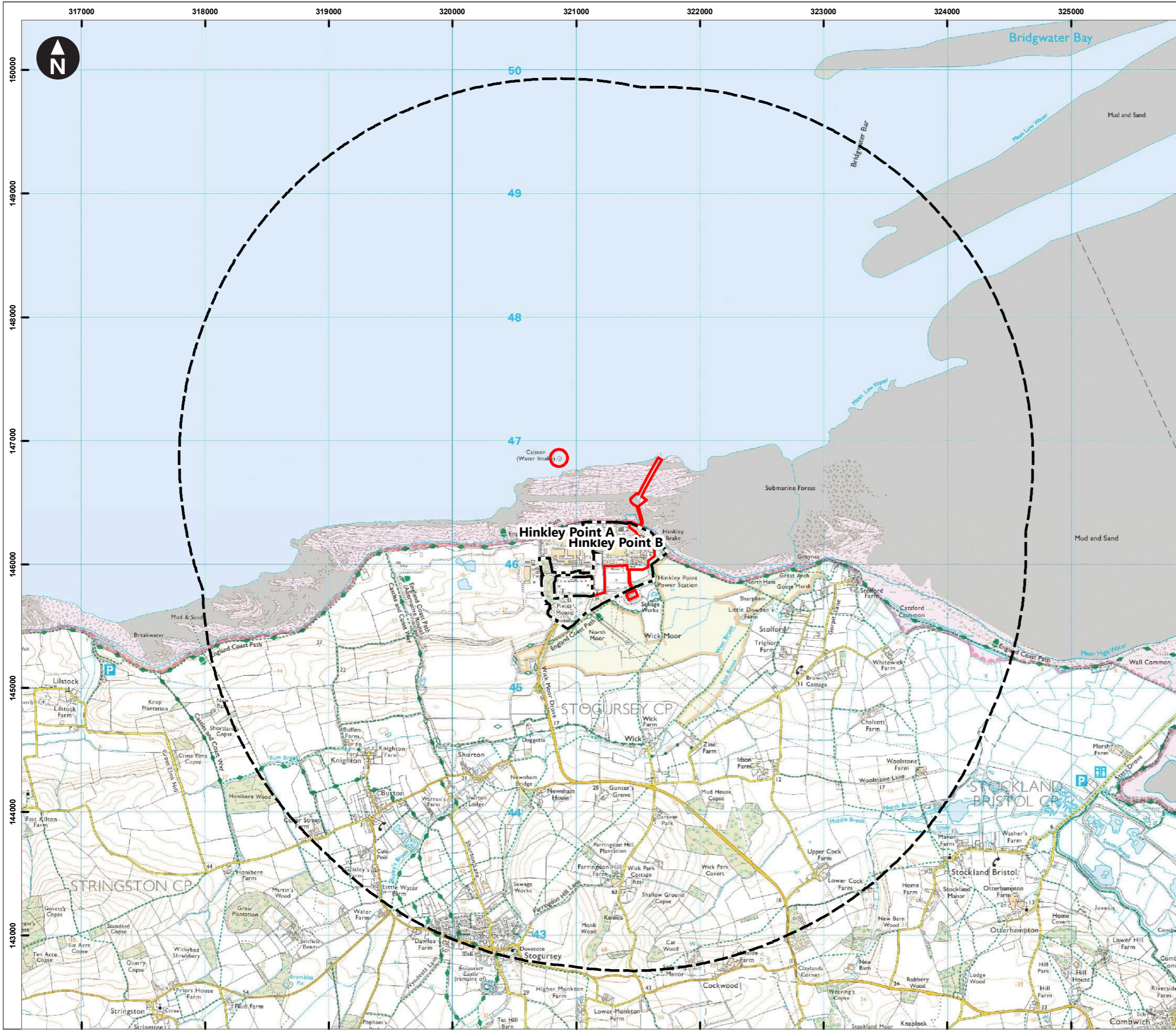
14

Landscape and Visual Impact Assessment (LVIA)








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Key

-  Nuclear Site Licence Boundary ("The Site")
-  Indicative Dismantling Works Area ("Works Area")
-  Landscape and Visual study area

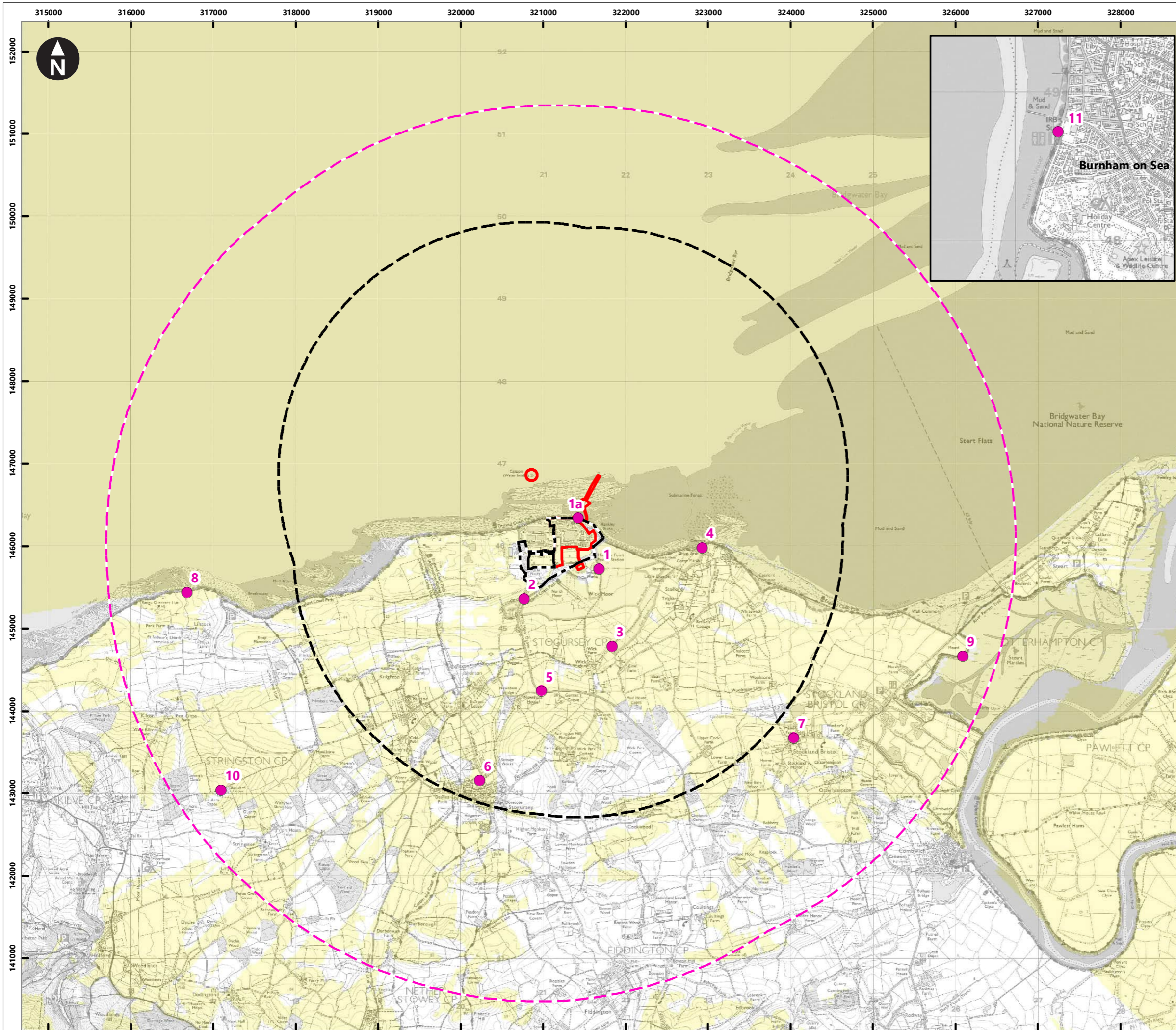
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Decommissioning of Hinkley Point B Nuclear Power Station
 Environmental Statement

Figure 14.1
 LVIA study area

July 2024





Key

- Nuclear Site Licence Boundary ("The Site")
- Indicative Dismantling Works Area ("Works Area")
- Landscape and Visual study area
- Landscape and visual study area (scoping)
- Viewpoint locations

VP1 King Charles III England Coast Path on the western side of Wick Moor

VP1a King Charles III England Coast Path to the north of Hinkley Point B

VP2 King Charles III England Coast Path within Wick Moor close to Wick Moor Drive

VP3 PRoW WL 23/62 at the southern end of Wick Moor

VP4 King Charles III England Coast Path close to the settlement of Stolford

VP5 Minor road to the south of the Site (near Gunter's Grove)

VP6 PRoW WL 23/23 on the north side of the settlement of Stogursey

VP7 PRoW BW 32/1 at Stockland Bristol

VP8 King Charles III England Coast Path to the west of Hinkley Point B

VP9 PRoW BW 25/7/River Parrett Trail/England Coast Path within Steart Marshes

VP10 PRoW BW 24/3 north of Strington

VP11 Seafront Promenade close to South Esplanade, Burnham on Sea

Elements of the reactor building may be visible

Notes:
 The ZTV does not take into account the screening effects of buildings.

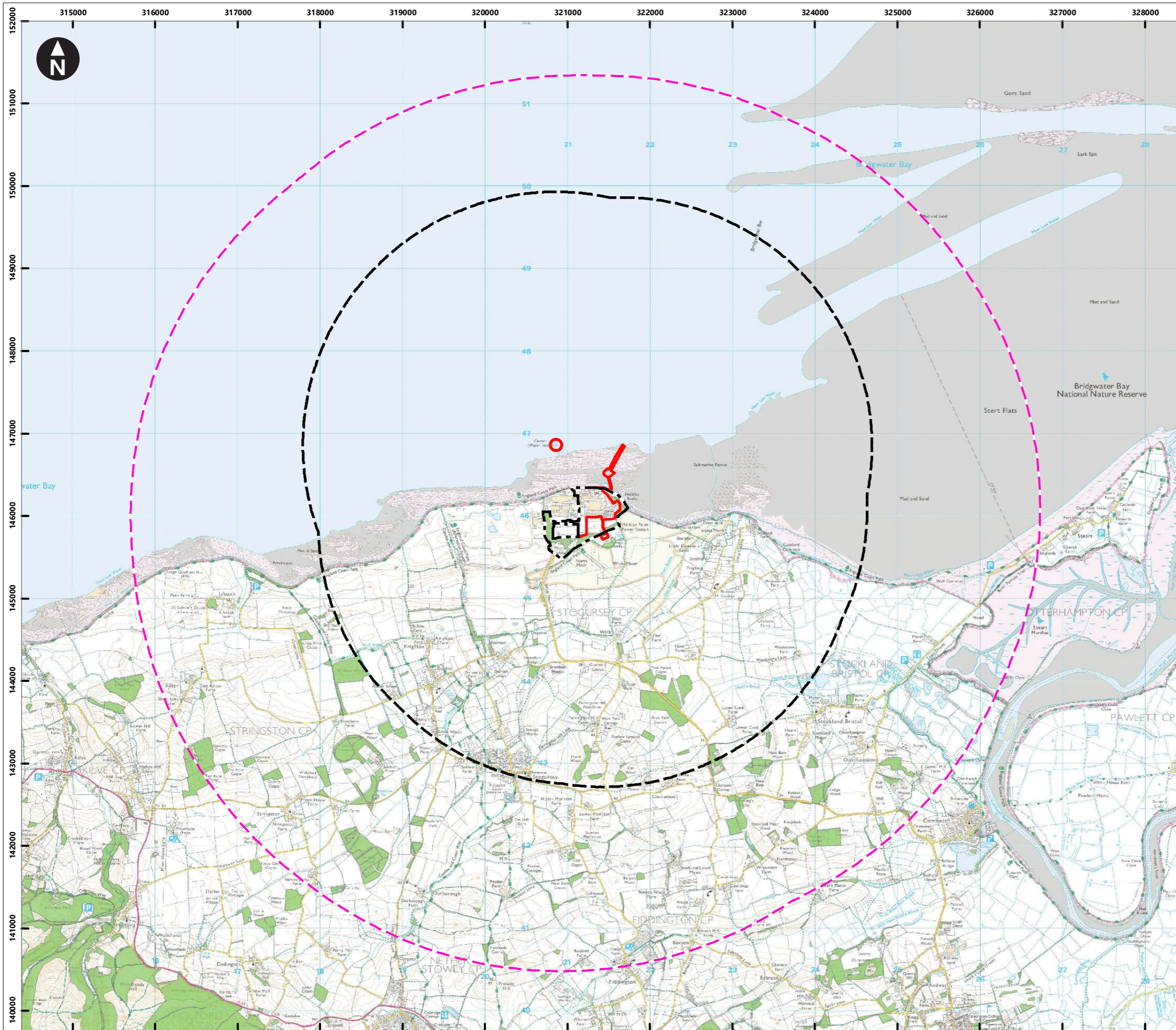
Woodland exclusion zones have been created using OS Vectormap District boundary data and modelled at a generic height of 12m.

The ZTV has been modelled using OS Terrain 5 height data.






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 Scale at A3: 1:45,000
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Decommissioning of Hinkley Point B Nuclear Power Station
Environmental Statement

Figure 14.2
Zone of Theoretical Visibility and viewpoint locations



Key

-  Nuclear Site Licence Boundary ("The Site")
-  Indicative Dismantling Works Area ("Works Area")
-  Landscape and Visual study area
-  Landscape and visual study area (scoping)
-  Woodland areas as depicted on OS Vectormap District and included in the ZTV calculation

0 500 1,000 1,500 2,000 2,500 m
 Scale at A3: 1:45,000
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Decommissioning of Hinkley Point B Nuclear Power Station
 Environmental Statement

Figure 14.3
 Areas of woodland depicted on Vectormap District

July 2024



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Photograph Parameters Viewpoint 1:

Location grid reference:	321679 , 145728	Camera:	Canon EOS 5D Mk II, FFS	96% Enlargement	Decommissioning of Hinkley Point B Nuclear Power Station Environmental Statement	Figure 14.4 Baseline view from Viewpoint 1: King Charles III Coast Path on the western side of Wick Moor	July 2024
Horizontal field of view:	90° (cylindrical projection)	Lens:	50mm				
Paper size:	841mm x 297mm (A1)	Camera height:	1.5m AGL				
Correct printed image size:	620mm x 250mm	Date and time:	10/02/2022 11:45				

This image is an annotated Type 1 photograph produced in accordance with Landscape Institute Technical Guidance Note 06/19.

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Hinkley Point B nuclear power station: reactor building and gas turbine

Photograph Parameters Viewpoint 1a:

Location grid reference:	321423, 146345	Camera:	Canon EOS 6D
Horizontal field of view:	90° (cylindrical projection)	Lens:	50mm
Paper size:	841mm x 297mm (A1)	Camera height:	1.5m AGL
Correct printed image size:	820mm x 250mm	Date and time:	04/07/2024 11:44

96% Enlargement

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Decommissioning of Hinkley Point B Nuclear Power Station Environmental Statement

Figure 14.5a
Baseline view from Viewpoint 1a: King Charles III England Coast Path to the north of Hinkley Point B (South)

July 2024





Hinkley Point A nuclear power station

Offshore caisson (water intake structure)

Photograph Parameters Viewpoint 1a:

Location grid reference:	321423, 146345	Camera:	Canon EOS 6D
Horizontal field of view:	90° (cylindrical projection)	Lens:	50mm
Paper size:	841mm x 297mm (A1)	Camera height:	1.5m AGL
Correct printed image size:	820mm x 250mm	Date and time:	04/07/2024 11:44

96% Enlargement

Decommissioning of Hinkley Point B Nuclear Power Station Environmental Statement

Figure 14.5b
Baseline view from Viewpoint 1a: King Charles III England Coast Path to the north of Hinkley Point B (West)

July 2024

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Hinkley Point B nuclear power station



Photograph Parameters Viewpoint 2:

Location grid reference:	320767, 145366	Camera:	Canon EOS 5D Mk II, FFS
Horizontal field of view:	90° (cylindrical projection)	Lens:	50mm
Paper size:	841mm x 297mm (A1)	Camera height:	1.5m AGL
Correct printed image size:	820mm x 250mm	Date and time:	10/02/2022 14:00

96% Enlargement

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Decommissioning of Hinkley Point B Nuclear Power Station Environmental Statement

Figure 14.6
Baseline view from Viewpoint 2: King Charles III Coast Path within Wick Moor close to Wick Moor Drive

July 2024



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Hinkley Point C development site



Hinkley Point A nuclear power station



Hinkley Point B nuclear power station



Photograph Parameters Viewpoint 3:

Location grid reference:	321834, 144788	Camera:	Canon EOS 5D Mk II, FFS
Horizontal field of view:	90° (cylindrical projection)	Lens:	50mm
Paper size:	841mm x 297mm (A1)	Camera height:	1.5m AGL
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96% Enlargement

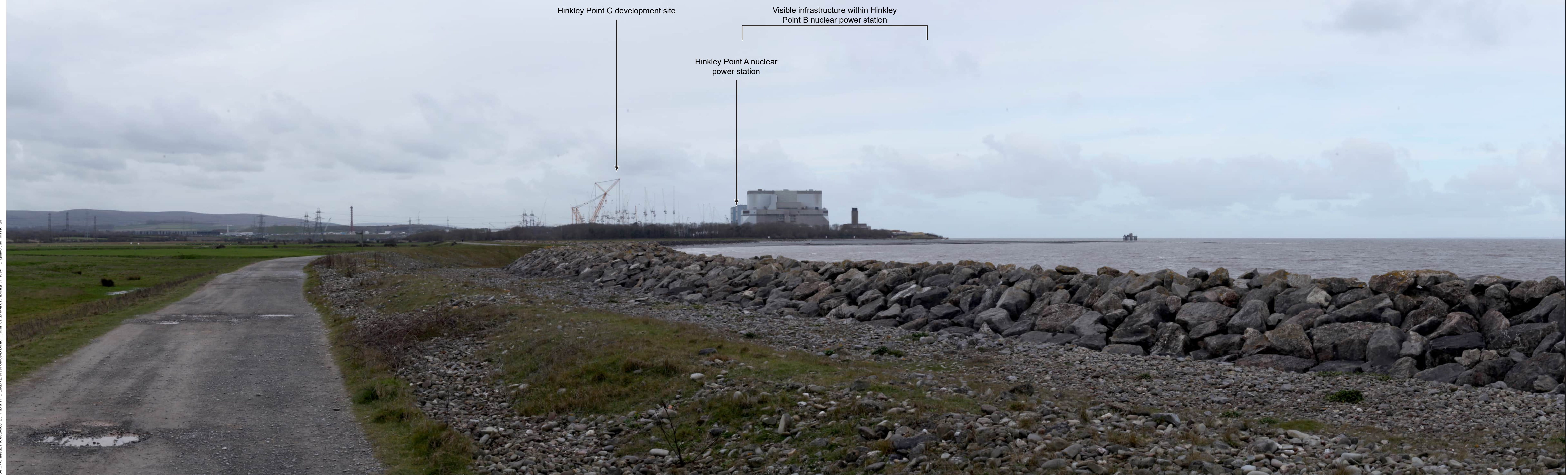
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Decommissioning of Hinkley Point B Nuclear Power Station Environmental Statement

Figure 14.7
Baseline view from Viewpoint 3:
PRoW WL 23/62 at the southern end
of Wick Moor

July 2024





Hinkley Point C development site

Visible infrastructure within Hinkley Point B nuclear power station

Hinkley Point A nuclear power station

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Photograph Parameters Viewpoint 4:

Location grid reference:	322929, 145982	Camera:	Canon EOS 5D Mk II, FFS
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Paper size:	841mm x 297mm (A1)	Camera height:	1.5m AGL
Correct printed image size:	820mm x 250mm	Date and time:	10/02/2022 11:15

96% Enlargement

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Decommissioning of Hinkley Point B Nuclear Power Station Environmental Statement

Figure 14.8
Baseline view from Viewpoint 4: King Charles III Coast Path close to the settlement of Stolford

July 2024





Photograph Parameters Viewpoint 5:

Location grid reference:	320980, 144246	Camera:	Canon EOS 5D Mk II, FFS
Horizontal field of view:	90° (cylindrical projection)	Lens:	50mm
Paper size:	841mm x 297mm (A1)	Camera height:	1.5m AGL
Correct printed image size:	820mm x 250mm	Date and time:	10/02/2022 13:10

96% Enlargement

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Decommissioning of Hinkley Point B Nuclear Power Station Environmental Statement

Figure 14.9
Baseline view from Viewpoint 5: Minor road to the south of the Site (near Gunter's Grove)

July 2024



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Photograph Parameters Viewpoint 6:			96% Enlargement	Decommissioning of Hinkley Point B Nuclear Power Station Environmental Statement	Figure 14.10 Baseline view from Viewpoint 6: PRoW WL 23/23 on the north side of the settlement of Stogursey	July 2024	
Location grid reference:	320231, 143158	Camera: Canon EOS 5D Mk II, FFS	This image is an annotated Type 1 photograph produced in accordance with Landscape Institute Technical Guidance Note 06/19.				
Horizontal field of view:	90° (cylindrical projection)	Lens: 50mm					
Paper size:	841mm x 297mm (A1)	Camera height: 1.5m AGL					
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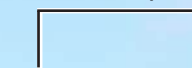
Photograph Parameters Viewpoint 7:			96% Enlargement	Decommissioning of Hinkley Point B Nuclear Power Station Environmental Statement	Figure 14.11 Baseline view from Viewpoint 7: PRoW BW 32/1 at Stockland Bristol	July 2024
Location grid reference: 324037, 143676	Camera: Canon EOS 5D Mk II, FFS					
Horizontal field of view: 90° (cylindrical projection)	Lens: 50mm					
Paper size: 841mm x 297mm (A1)	Camera height: 1.5m AGL					
Correct printed image size: 620mm x 250mm	Date and time: 11/02/2022 10:45					

This image is an annotated Type 1 photograph produced in accordance with Landscape Institute Technical Guidance Note 06/19.





Visible infrastructure within Hinkley Point B nuclear power station



Hinkley Point C development site



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Photograph Parameters Viewpoint 8:

Location grid reference:	316683, 145443	Camera:	Canon EOS 5D Mk II, FFS
Horizontal field of view:	90° (cylindrical projection)	Lens:	50mm
Paper size:	841mm x 297mm (A1)	Camera height:	1.5m AGL
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96% Enlargement

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Decommissioning of Hinkley Point B Nuclear Power Station Environmental Statement

Figure 14.12
Baseline view from Viewpoint 8:
King Charles III Coast Path to the west of Hinkley Point B

July 2024



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Photograph Parameters Viewpoint 9:

Location grid reference:	326092, 144668	Camera:	Canon EOS 5D Mk II, FFS
Horizontal field of view:	90° (cylindrical projection)	Lens:	50mm
Paper size:	841mm x 297mm (A1)	Camera height:	1.5m AGL
Correct printed image size:	620mm x 250mm	Date and time:	11/02/2022 15:30

96% Enlargement

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Decommissioning of Hinkley Point B Nuclear Power Station Environmental Statement

Figure 14.13
Baseline view from Viewpoint 9:
PRoW BW 25/7/River Parrett Trail/
England Coast Path within Steart Marshes

July 2024



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Photograph Parameters Viewpoint 10:

Location grid reference:	317091, 143042	Camera:	Canon EOS 5D Mk II, FFS
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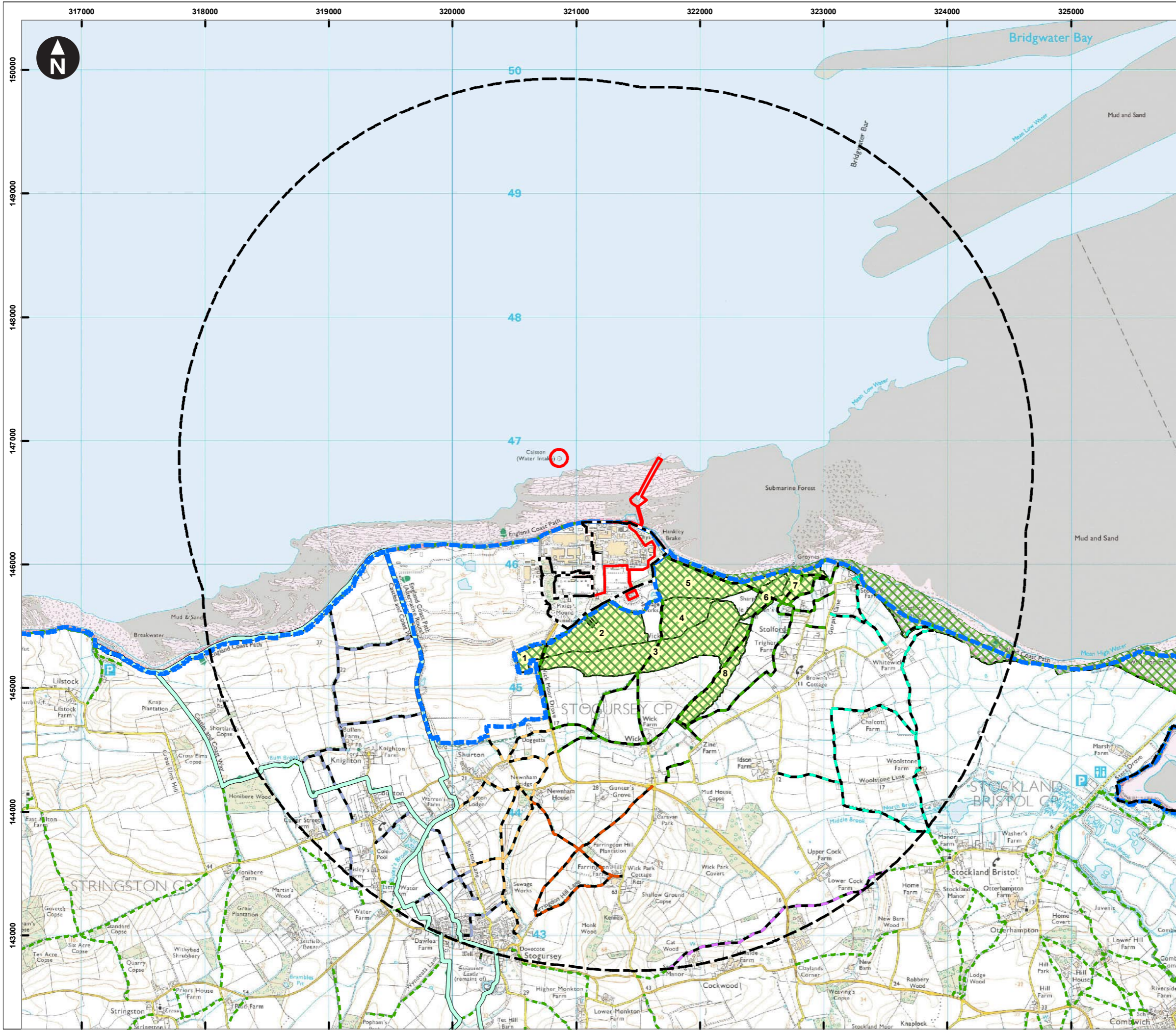
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Decommissioning of Hinkley Point B Nuclear Power Station Environmental Statement

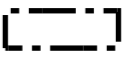


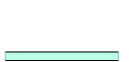






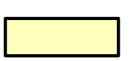




Figure 14.14
Baseline view from Viewpoint 10:
PRoW BW 24/3 north of Stringston

July 2024





Key

-  Nuclear Site Licence Boundary ("The Site")
-  Indicative Dismantling Works Area ("Works Area")
-  Landscape and Visual study area
-  King Charles III England Coastal Path
-  Castles and Coast Way
-  River Parrett Trail
-  Public Right of Way (PRoW)
-  PRoW Network A
-  PRoW Network B
-  PRoW Network C
-  PRoW Network D
-  PRoW Network E
-  PRoW Network F
-  Registered Common Land
-  Open access land

1. Man Moor
2. North Moor
3. Wick Moor
4. Great Hooks and Little Hooks
5. Ham
6. Sharpam
7. North Ham and Goose Marsh
8. Redham

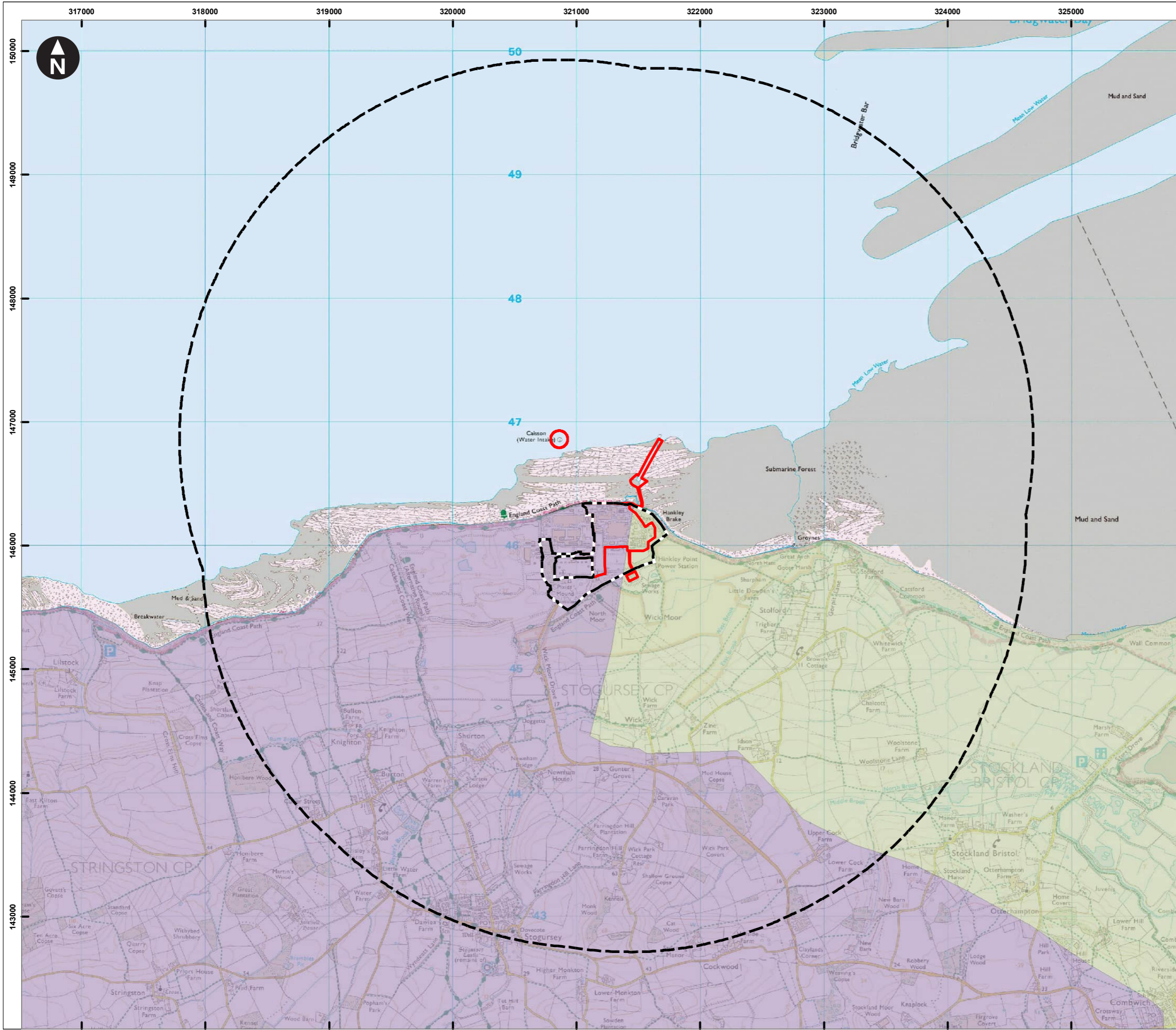
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**Decommissioning of Hinkley Point B Nuclear Power Station
 Environmental Statement**

**Figure 14.15
 Recreational routes and destinations**

July 2024





Key

- Nuclear Site Licence Boundary ("The Site")
- Indicative Dismantling Works Area ("Works Area")
- Landscape and Visual study area

National Character Area

- NCA 142: Somerset Levels and Moors
- NCA 146: Vale of Taunton and Quantock Fringes



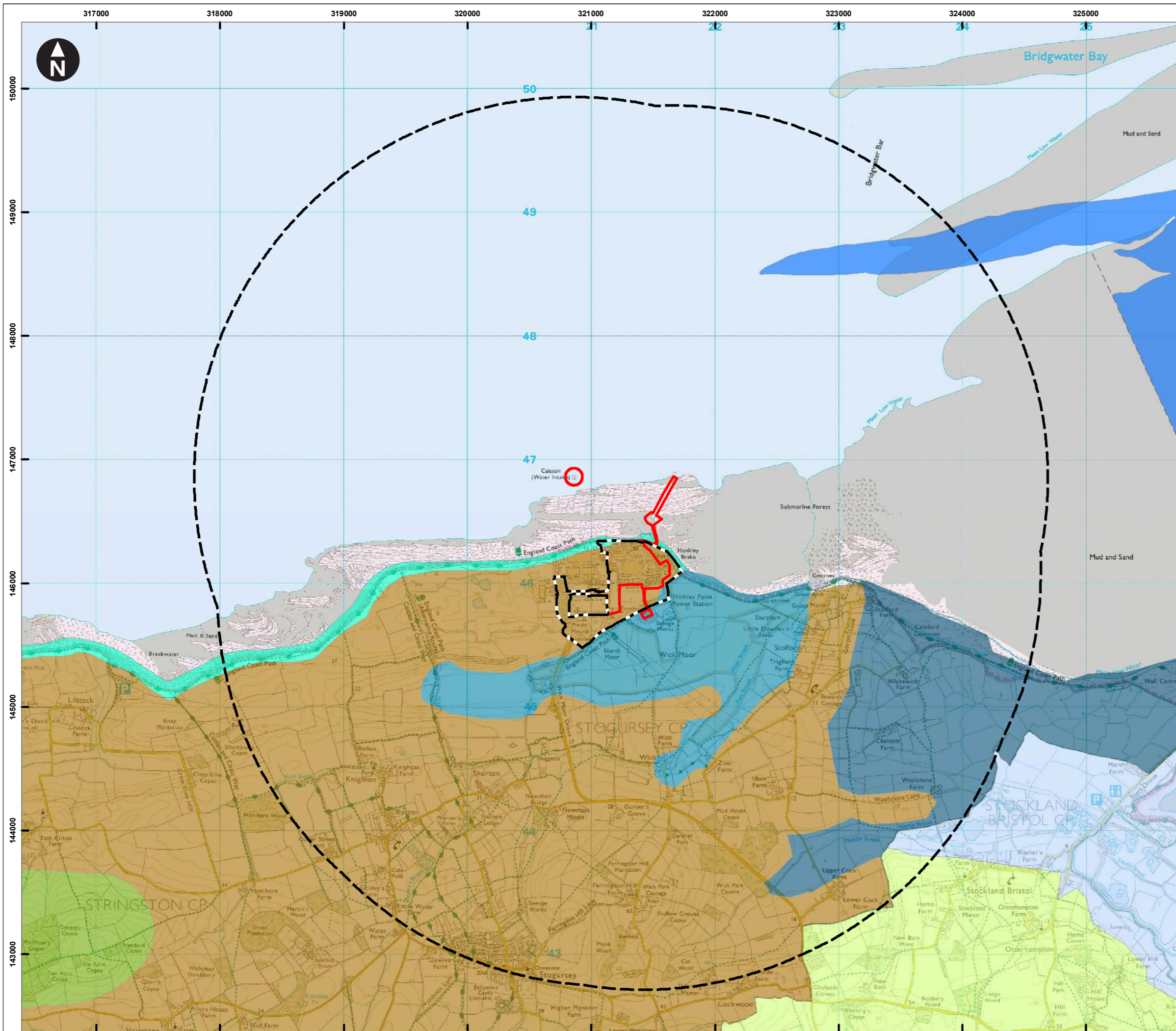
Scale at A3: 1:30,000
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**Decommissioning of Hinkley Point B Nuclear Power Station
 Environmental Statement**

**Figure 14.16
 National Character Areas**

July 2024





Key

- Nuclear Site Licence Boundary ("The Site")
- Indicative Dismantling Works Area ("Works Area")
- Landscape and Visual study area

Sedgemoor LCAs

- Lowland Hills – Stockland Hills
- Levels and Moors – Estuarine Levels
- Levels and Moors – Sea Edge/Intertidal Zone

West Somerset LCAs

- Quantock Vale LCA: Eastern Lowlands Sub-Area
- Quantock Vale LCA: The Coast (St Audries to Hinkley Point) Sub-Area
- Quantock Vale LCA: Wick Moor and Coast Sub-Area
- Quantock Vale LCA: Wall Common and Coast Sub-Area
- Doniford Stream and Quantock Fringe LCA: North-East Quantock Agricultural Fringe Sub-Area

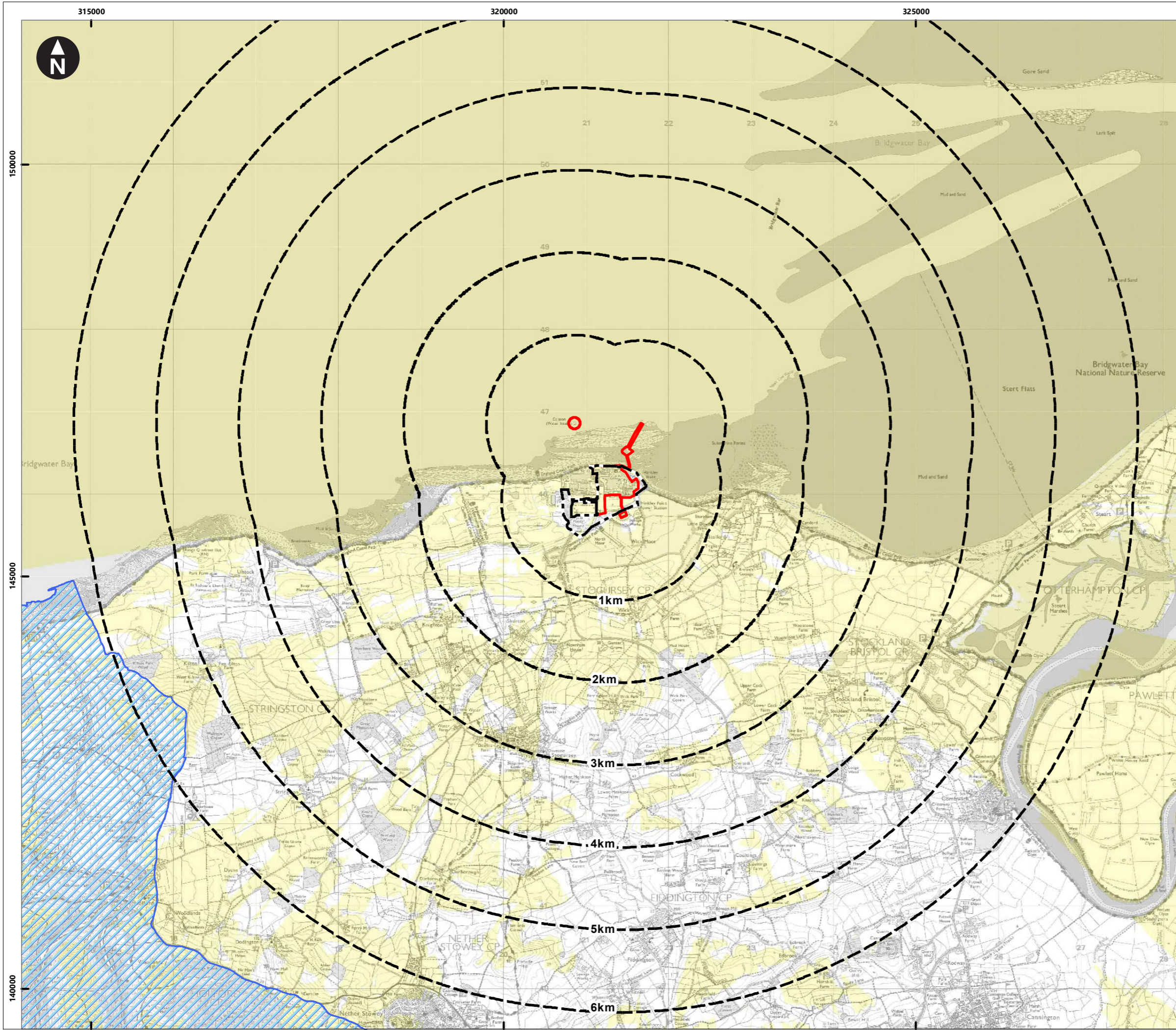
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Decommissioning of Hinkley Point B Nuclear Power Station
 Environmental Statement

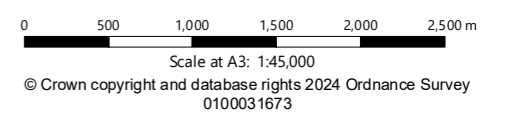
Figure 14.17
Local Landscape Character Areas

July 2024





- Key
-  Nuclear Site Licence Boundary ("The Site")
 -  Indicative Dismantling Works Area ("Works Area")
 -  1km buffer
 -  Quantock Hills National Landscape
 -  Elements of the reactor building may be visible



Decommissioning of Hinkley Point B Nuclear Power Station
Environmental Statement

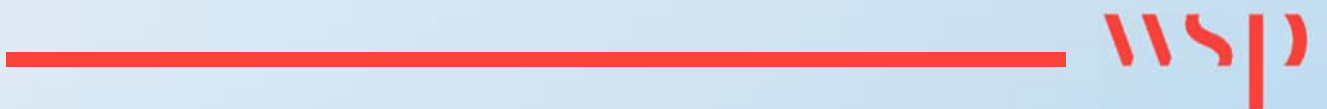
Figure 14.18
Landscape designations

July 2024

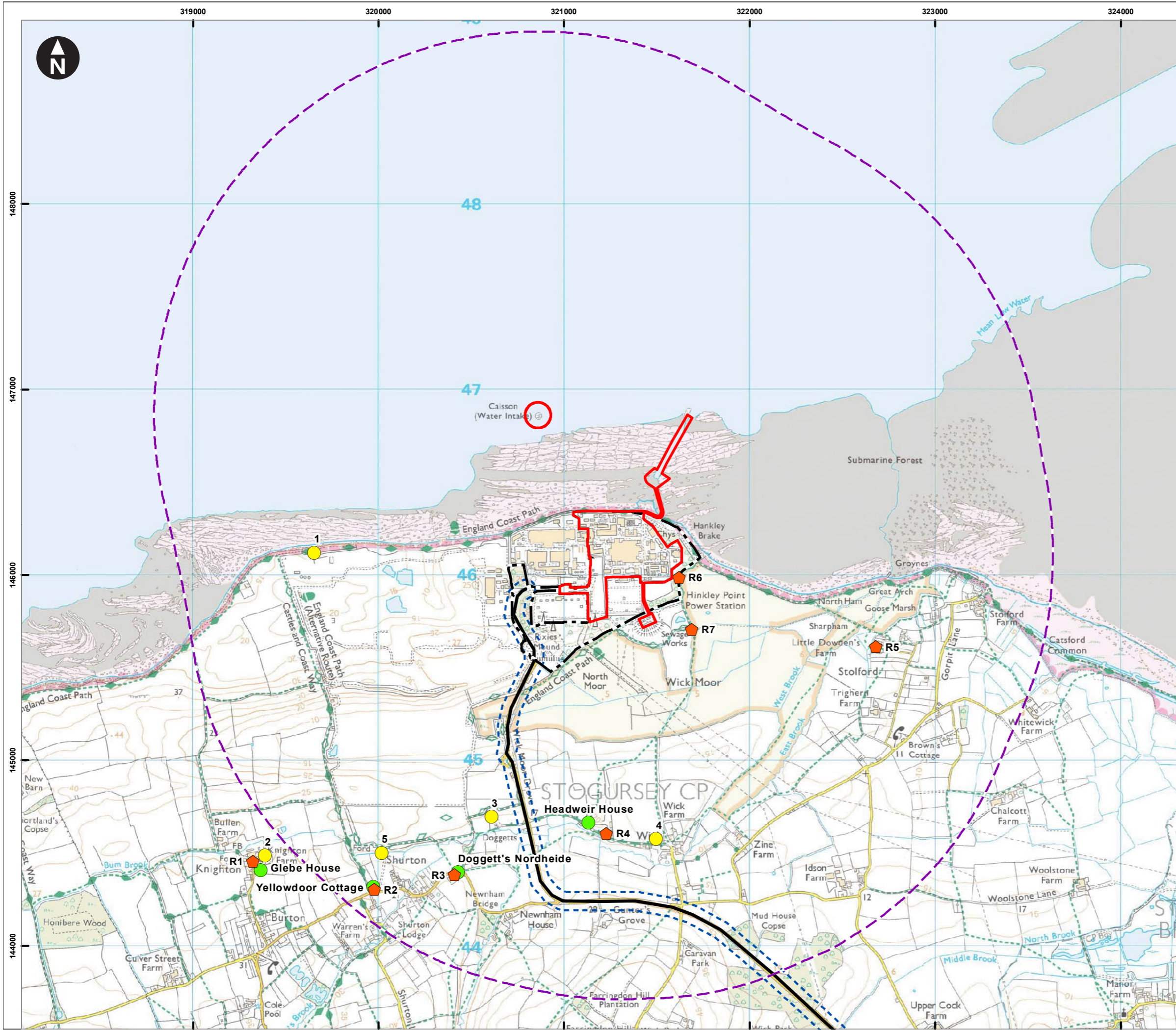


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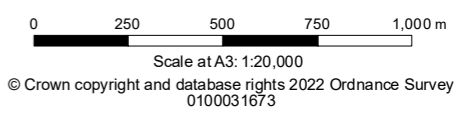
Noise and vibration



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- Key
- Indicative Dismantling Works Area ("Works Area")
 - Nuclear Site Licence Boundary ("The Site")
 - Noise study area
 - HPC Baseline noise monitoring locations (2009)
 - HPC Construction noise monitoring locations (2016-2020)
 - ⬠ Receptor
 - Access route
 - Road noise study area (plus 50 m from routes indicated in Figure 5.2)



Decommissioning of Hinkley Point B Nuclear Power Station
Environmental Statement

Figure 15.1
Study Area and monitoring and receptor locations

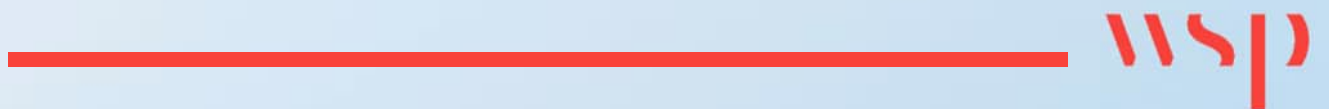
May 2024



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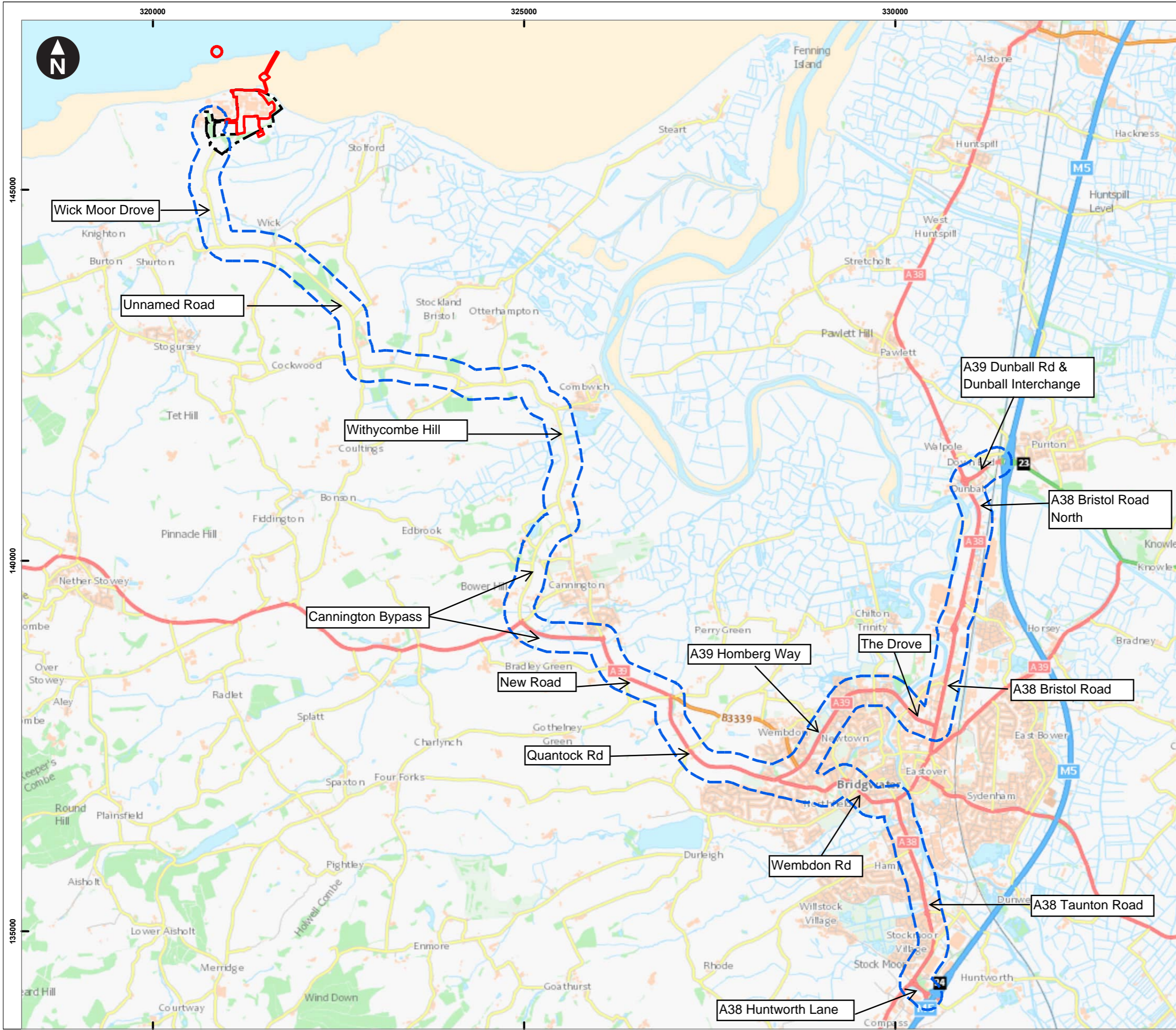
16

Traffic and transport



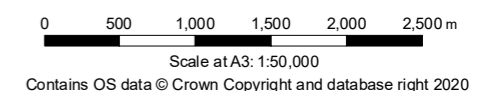


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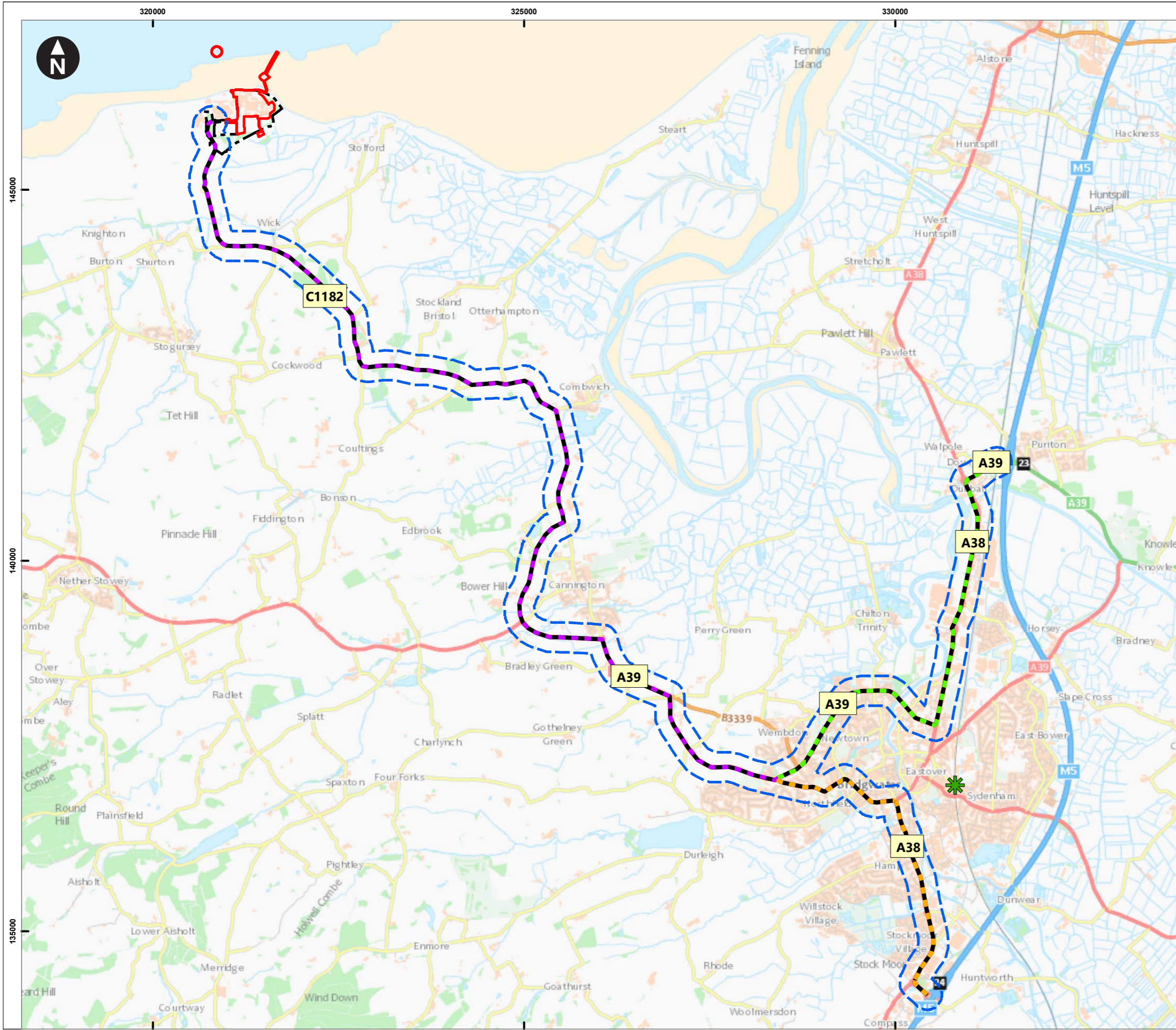
Key

- Indicative Dismantling Works Area ("Works Area")
- Nuclear Site Licence Boundary ("The Site")
- Study area



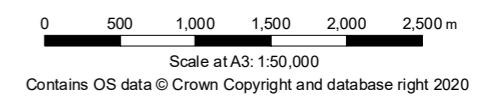
Decommissioning of Hinkley Point B Nuclear Power Station
Environmental Statement

Figure 16.1
Traffic and transport
study area



Key

- Indicative Dismantling Works Area ("Works Area")
- Nuclear Site Licence Boundary ("The Site")
- Study area
- ✳ Bridgwater Railway Station
- Access Route
- Northern Route: A39 Cannington Bypass Roundabout - Homberg way - A38 Bristol Road - Dunball Interchange
- Southern Route: A39 Quantock Road - Quantock Road - Broadway - Taunton road - Huntworth Interchange

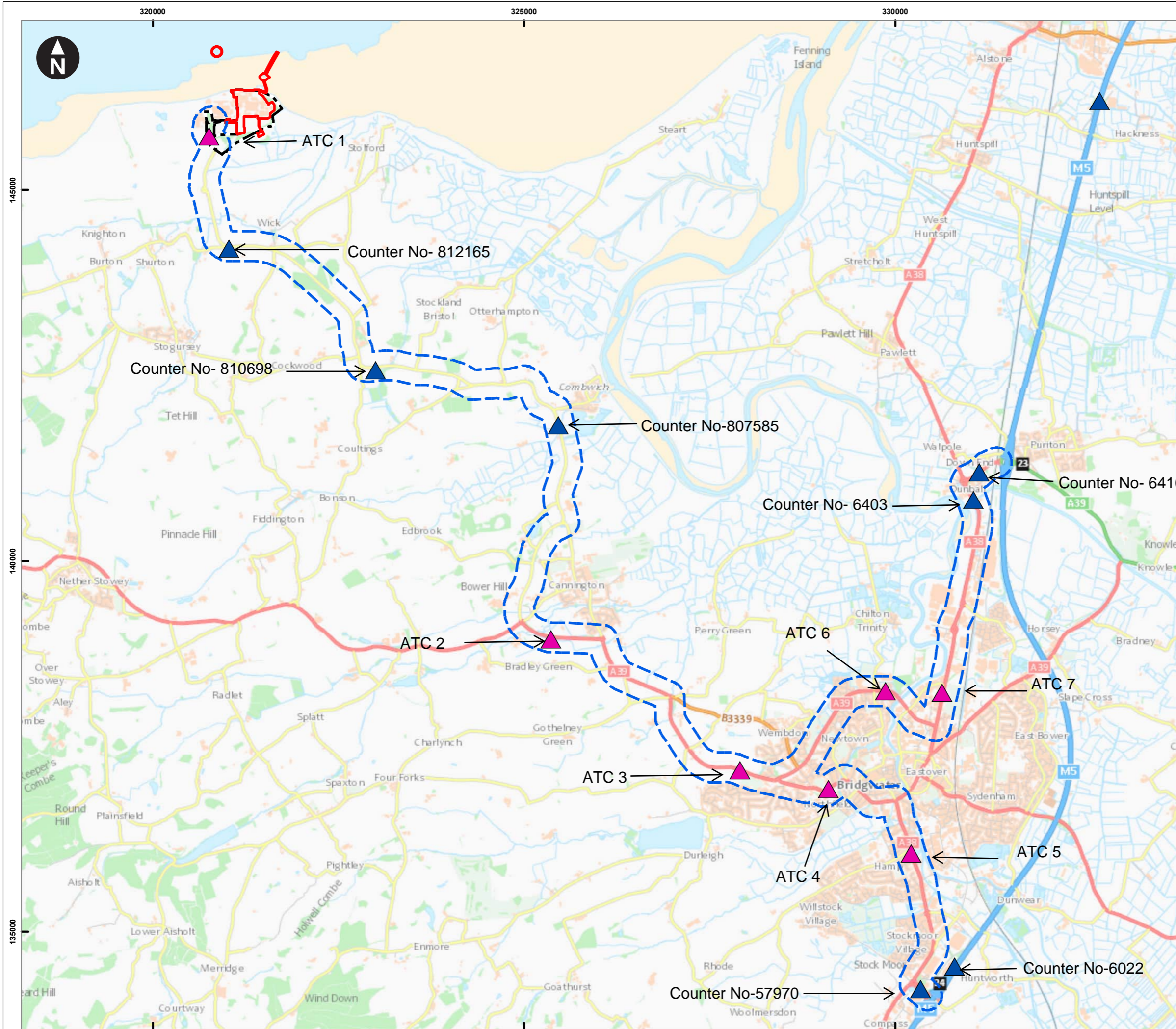


Decommissioning of Hinkley Point B Nuclear Power Station
Environmental Statement

Figure 16.2
Anticipated fixed routes for HGV

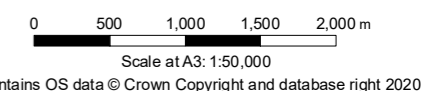
March 2024





Key

- Indicative Dismantling Works Area ("Works Area")
- Nuclear Site Licence Boundary ("The Site")
- Study area
- ▲ Existing Dft count location
- ▲ Additional count location

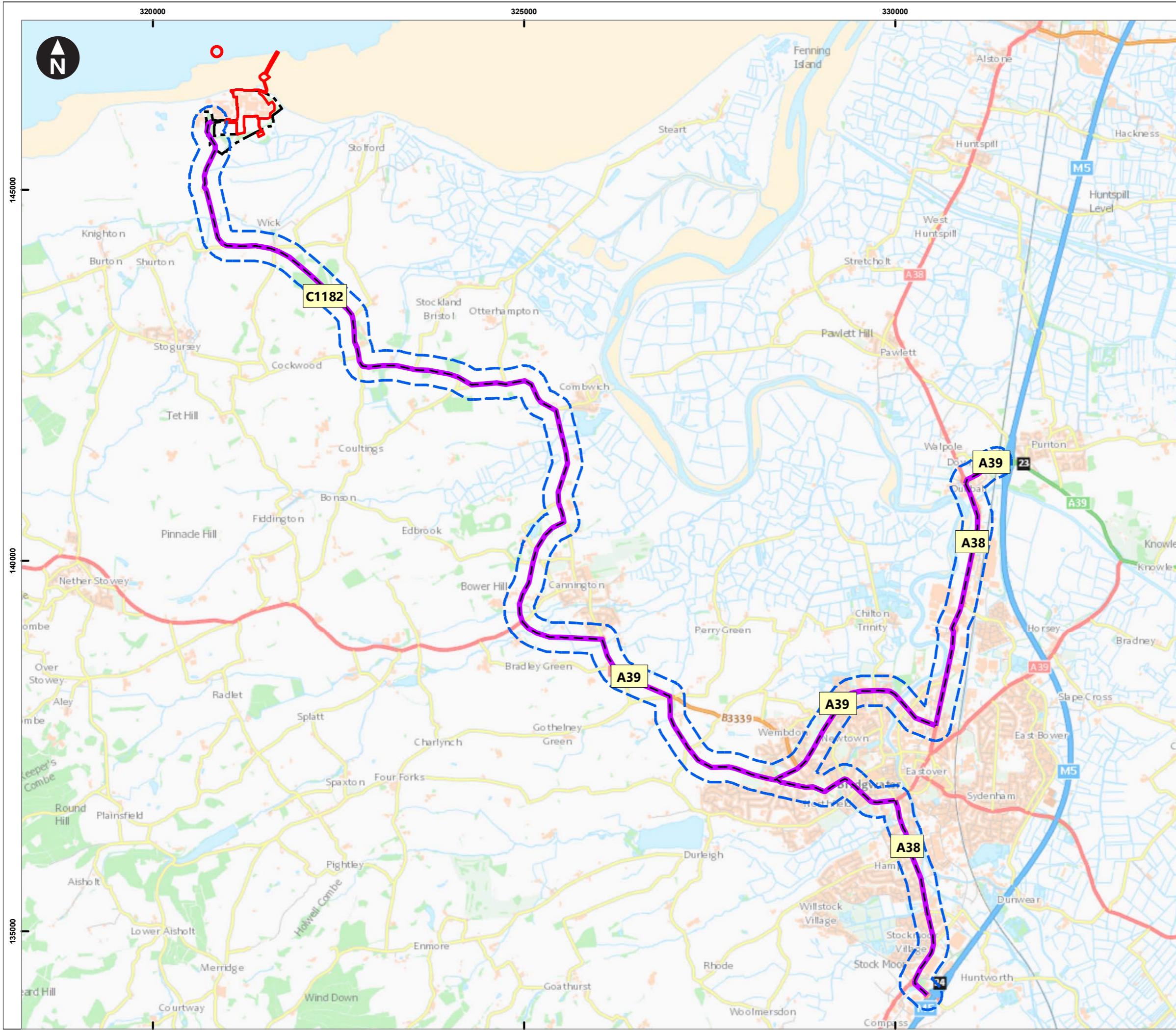


Decommissioning of Hinkley Point B Nuclear Power Station
Environmental Statement

Figure 16.3
ATC and Dft counter location

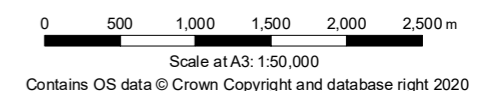
March 2024





Key

- Indicative Dismantling Works Area ("Works Area")
- Nuclear Site Licence Boundary ("The Site")
- Study area
- Access route

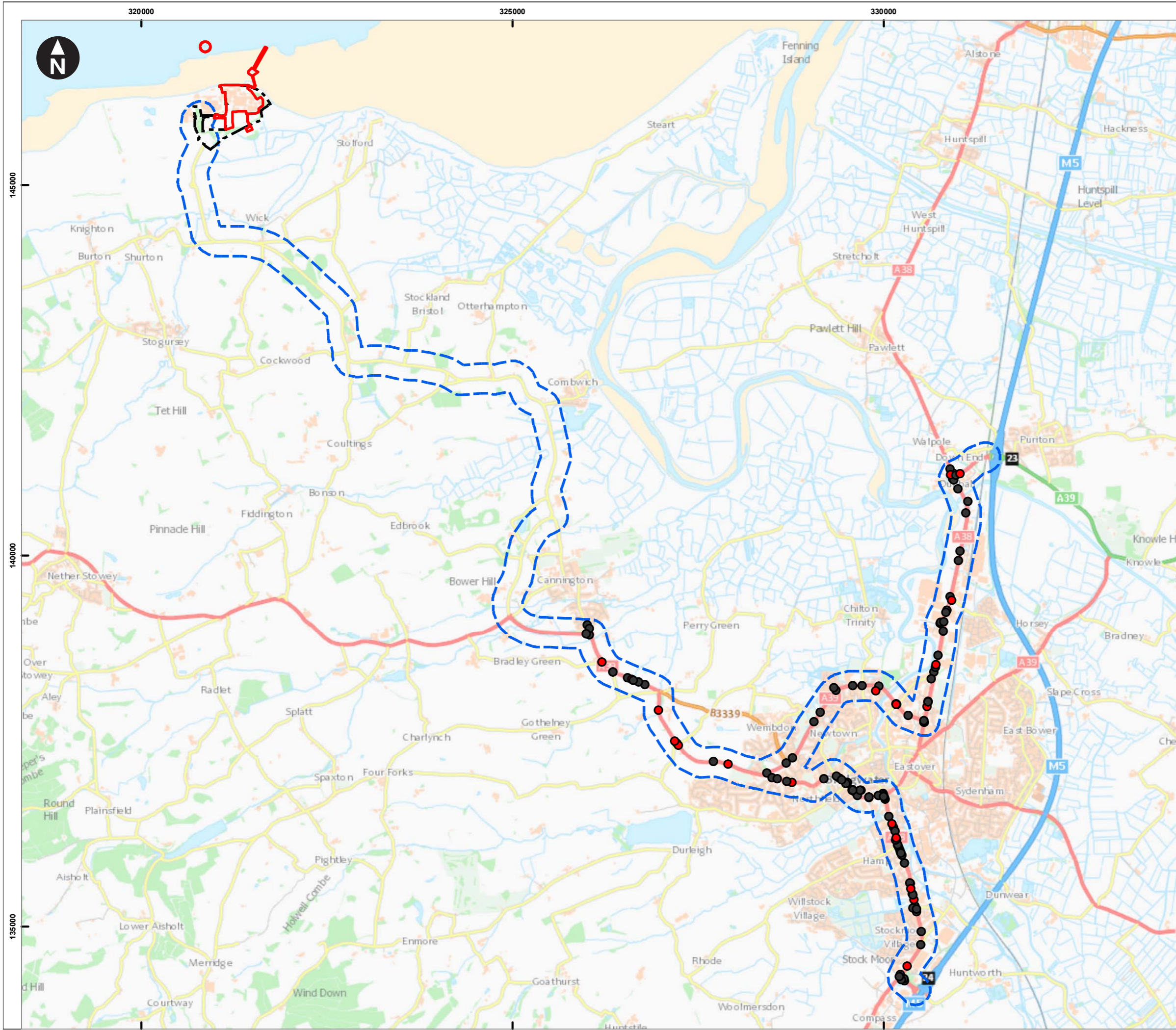


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Figure 16.4
Existing highway network

March 2024



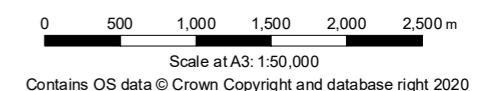


Key

- Indicative Dismantling Works Area ("Works Area")
- Nuclear Site Licence Boundary ("The Site")
- Study area

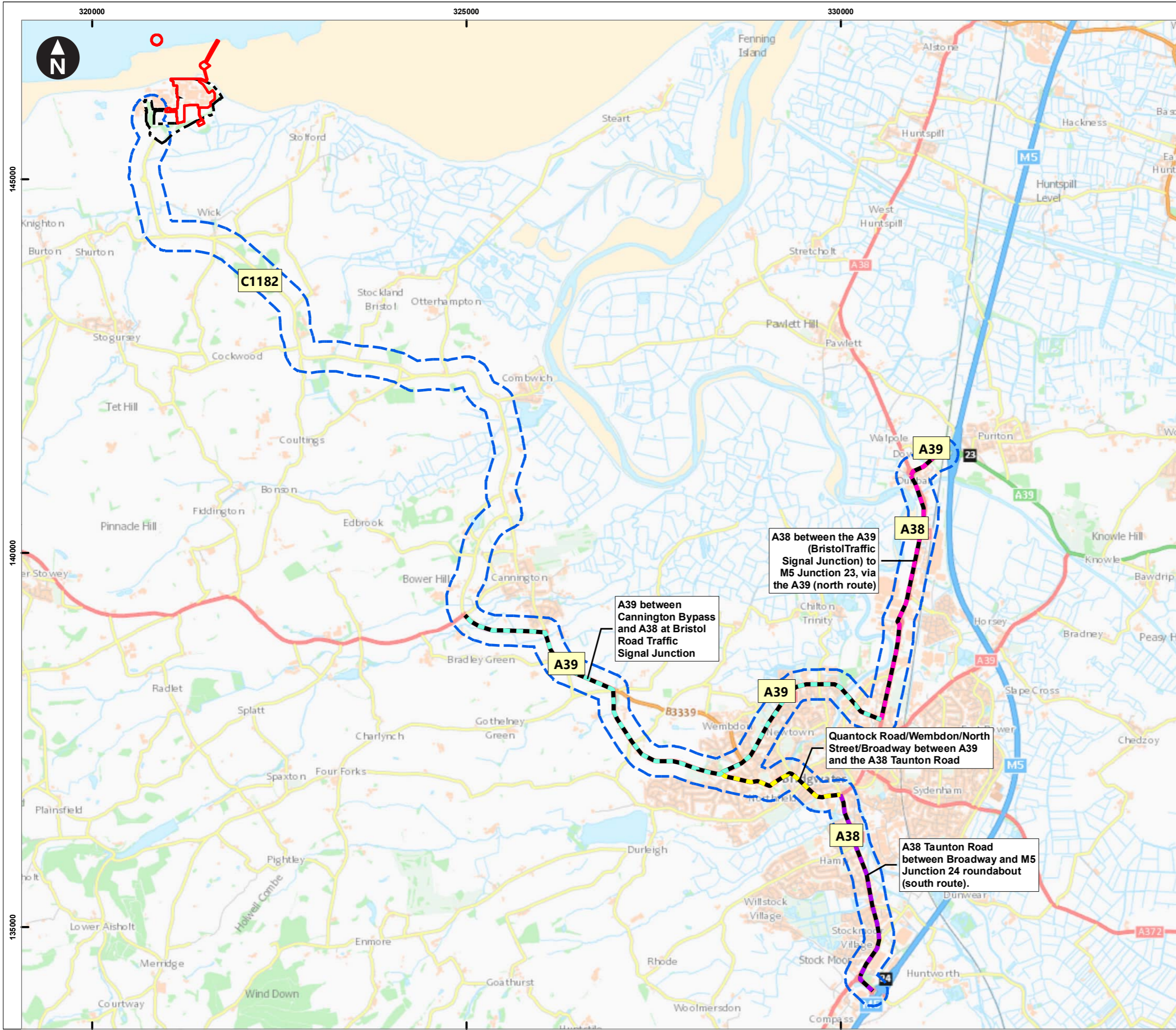
Traffic collision

- Serious
- Slight



Decommissioning of Hinkley Point B Nuclear Power Station
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Figure 16.6
Location of collisions (1/4/18 to 31/3/23)



Key

- Indicative Dismantling Works Area ("Works Area")
- Nuclear Site Licence Boundary ("The Site")
- Study area
- A39 between Cannington Bypass and A38 at Bristol Road Traffic Signal Junction
- A38 between the A39 (Bristol Traffic Signal Junction) to M5 Junction 23, via the A39 (north route)
- Quantock Road/Wembdon/North Street/Broadway between A39 and the A38 Taunton Road
- A38 Taunton Road between Broadway and M5 Junction 24 roundabout (south route).

0 500 1,000 1,500 2,000 m
Scale at A3: 1:50,000
Contains OS data © Crown Copyright and database right 2020

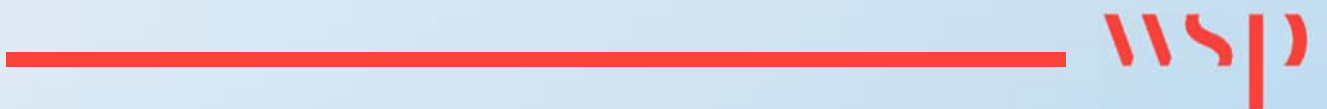
Decommissioning of Hinkley Point B Nuclear Power Station
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Figure 16.7
Scope of assessment

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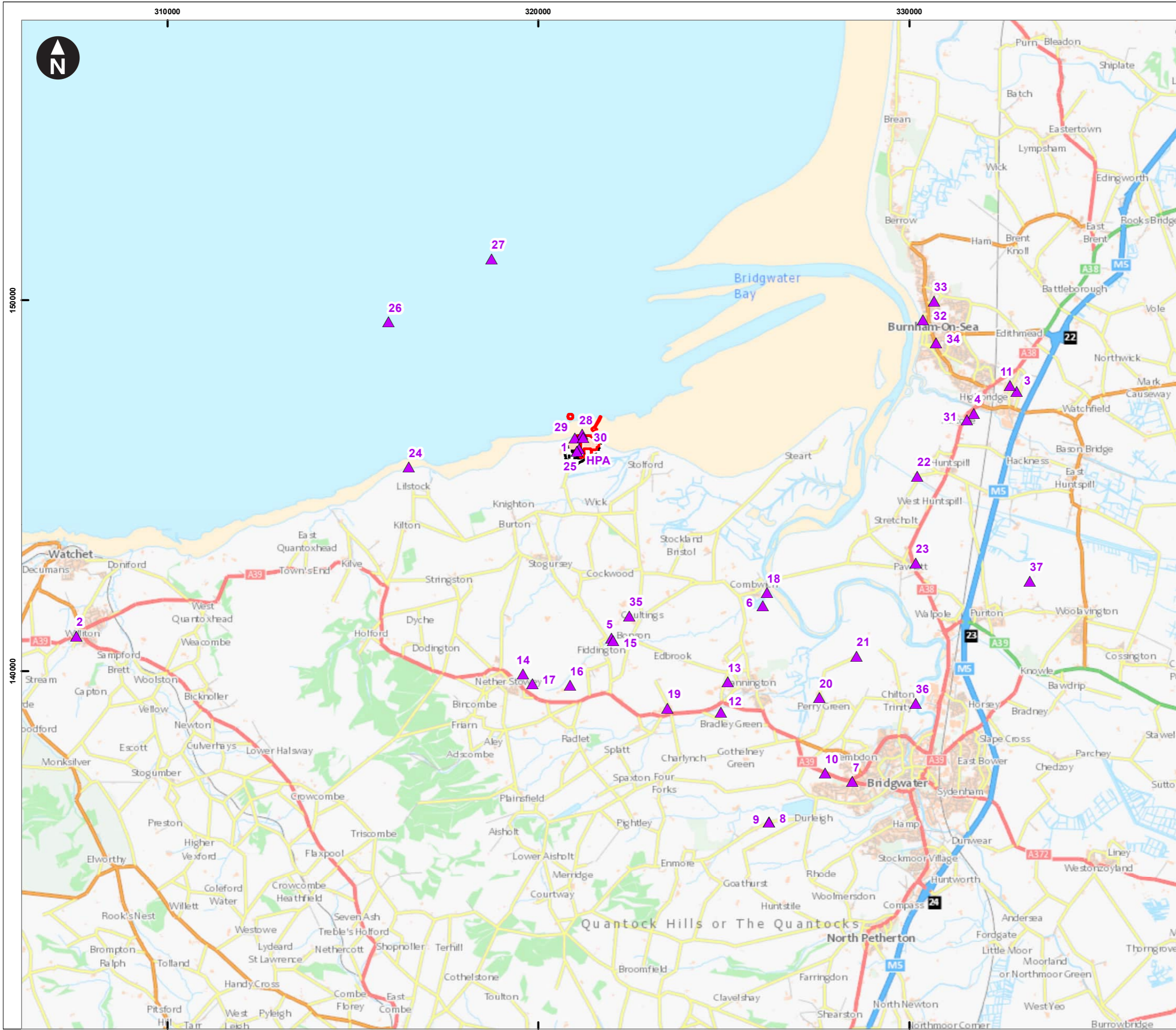
21

Cumulative Effects





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Key

- Nuclear Site Licence Boundary ("The Site")
- Indicative Dismantling Works Area ("Works Area")
- ▲ Cumulative development scheme

Scale at A3:1:100,000
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Figure 21.1
Long List of cumulative development schemes

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