



The Sizewell C Project

2.5 Main Development Site Main Platform Proposed General Arrangement (Operational) Plans For Approval

May 2020

Planning Act 2008
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

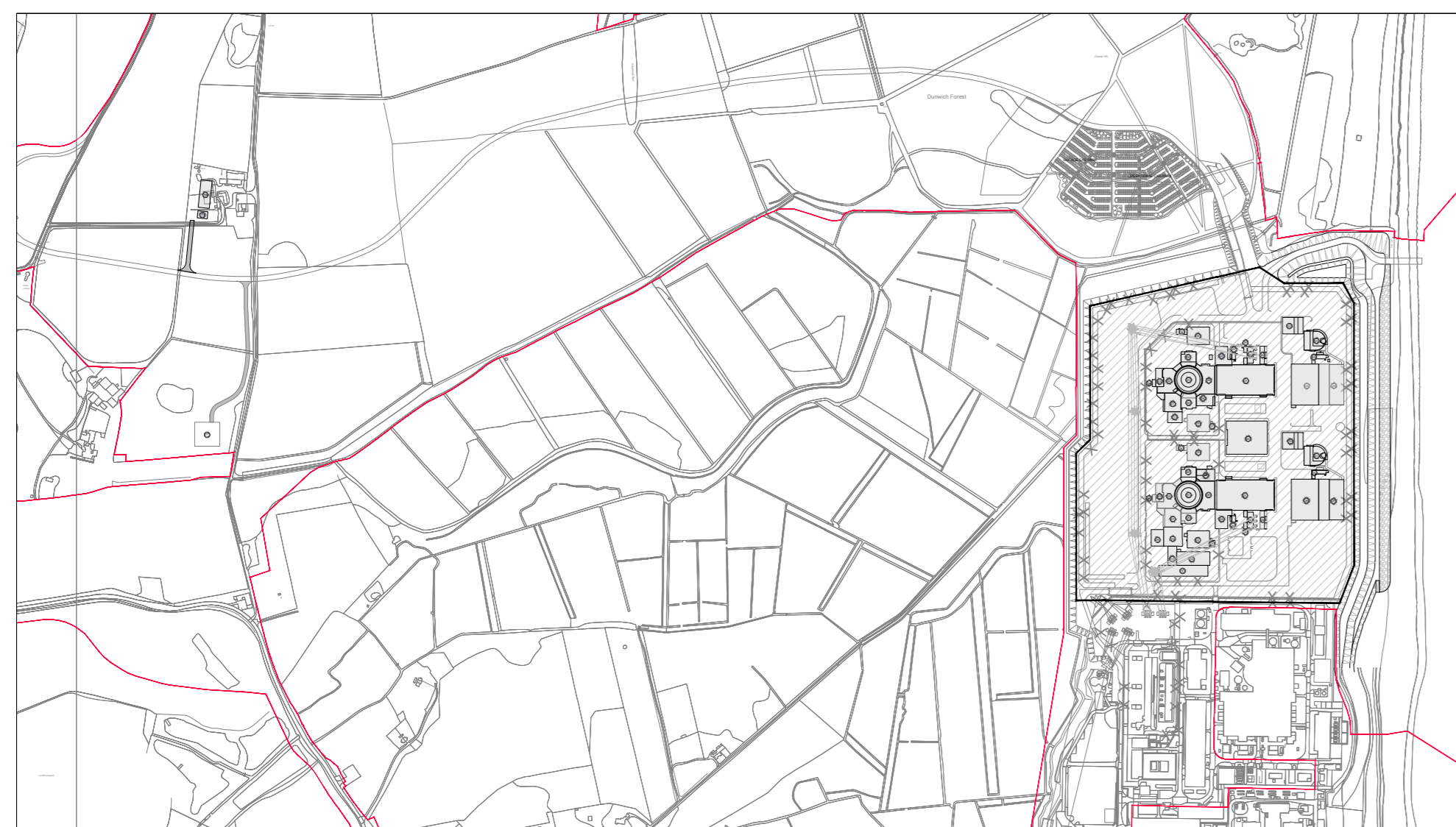
Revision: 1.0
Applicable Regulation: Regulation 5(2)(o)
PINS Reference Number: EN010012



Main Development Site, Proposed General Arrangement – For Approval

| Drawing Number | Revision | Drawing Title | Scale | Sheet Size |
|------------------------------|----------|--|--------|------------|
| SZC-SZ0100-XX-100-DRW-100089 | 01 | Main Development Site Main Platform Proposed General Arrangement (Operational) | 1:1250 | A0 |





KEY PLAN



| BUILDINGS FOR APPROVAL | | | |
|------------------------|---|------|---|
| Ref. | Building | Ref. | Building |
| 01 | Nuclear Island | 21 | Conventional Island |
| 02 | Reactor Building | 22 | Turbine Hall |
| 03 | Fuel Building | 23 | Conventional Island Electrical Building |
| 04 | Boron Storage Building | 24 | Gas Insulated Switch Gear Building |
| 05 | Safeguard Elec Building | 25 | Main Transformer Platform |
| 06 | Safeguard Mech Building | 26 | Unit Transformer Platform |
| 07 | Nuclear Auxiliary Building | | |
| 08 | Access Tower | | Operational |
| 09 | Radioactive Waste Storage Building | 60 | Operational Service Centre |
| 10 | Radioactive Waste Process Building | | |
| 11 | Radioactive Waste Treatment Building (Unit 2) | | Cooling Water Pump House & Associated Buildings |
| 12 | Hot Laundry Building | 28 | Cooling Water Pump House |
| 13 | Hot Workshop, Hot Warehouse, Facilities For Decontamination | 29 | Forebay |
| 14 | Effluent Tanks & Refueling Water Storage Tanks | 31 | Outfall Pond Building |
| 15 | Emergency Diesel Generator Buildings | 32 | Filtering Debris Recovery Pit |
| 16 | Cooling Water Discharge Weir Buildings - Type 1 | 33 | Fire-Fighting Water Distribution Building |
| 17 | Cooling Water Discharge Weir Buildings - Type 2 | | |

| OTHER BUILDINGS, STRUCTURES & PLANT FOR FUTURE APPROVAL | |
|---|---|
| Ancillary Buildings (including but not limited to): | Meteorological Station |
| Demeritalisation Station | Chemical Products Storage |
| Valve Room for Demeritalisation Station | Garage for Handling Facilities |
| Auxiliary Boilers | Oil & Grease Storage |
| Hydrogen Storage | Contaminated Tools Store |
| Oxygen Storage | Warehouse |
| Hydrazine Tank | Equipment Store for Interim Spent Fuel Store |
| Raw & Potable Water Storage/Supply | Sewage Treatment Plant |
| Degassed Water Storage Tank | National Grid Substation Building |
| Cooling Water Discharge Shaft | Off-Site Delivery Checkpoint |
| Chlorination Plant | Emergency Equipment Store |
| Interim Spent Fuel Store | Back-Up Generator |
| Intermediate Level Waste Store | Ancillary Substation Compound |
| Conventional Waste Store | Nuclear Island Demeritalisation Water Tank |
| Transit Area for Very Low & Low Level Waste | Conventional Island Demeritalisation Water Tank |
| Main Access Control Building | Sky Bridges |
| Secondary Access Control Building | Services Ventilation Building |
| Auxiliary Administration Building | Service Access Buildings |
| Emergency Response Centre | Battery Load Banks |
| Emergency Response Energy Centre | Underground Tunnel High Points |

| DRAWING SYMBOLS & LEGEND | |
|--------------------------------------|--|
| NATIONAL GRID PYLONS | BUILDING STRUCTURES |
| PYLONS & LINES - SZC Co STANDARD | REMAINING BALANCE OF BUILDINGS, STRUCTURES & PLANT |
| FENCES | SIZEWELL C - PERMANENT DEVELOPMENT SITE BOUNDARY |
| SIZEWELL C DEVELOPMENT SITE BOUNDARY | EMBANKMENT |
| PERMANENT SEA DEFENCES | |

| PYLONS & ASSOCIATED TRANSMISSION CABLES NOT FOR APPROVAL | | | | |
|--|----------|-------|---------|---------------------------------|
| 01 | FEB 2020 | SB | NP | DCO SUBMISSION |
| REVISION | DATE | DRAWN | CHECKED | REASONS FOR REVISION / COMMENTS |
| | | | | APPROVED |

NOT PROTECTIVELY MARKED

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PROJECT:
SIZEWELL C

DOCUMENT:
APPLICATION DRAWING - FOR APPROVAL REGULATION 5(2)(o)

DRAWING TITLE:
**MAIN DEVELOPMENT SITE
 MAIN PLATFORM
 PROPOSED GENERAL ARRANGEMENT
 (OPERATIONAL)**

DRAWING NO:
SZC-SZ0100-XX-000-DRW-100089

REVISION:
01

DATE: **FEB 2020** DRAWN: **SB** SCALE: **1:1250@A0**

