Carlisle City Council Environment & Economy Overview & Scrutiny Panel

Briefing – NuGen, NWCC & major projects

21st January 2016



Guy Kenyon

Lead Officer Infrastructure Planning, Cumbria County Council



Nationally Significant Infrastructure Projects

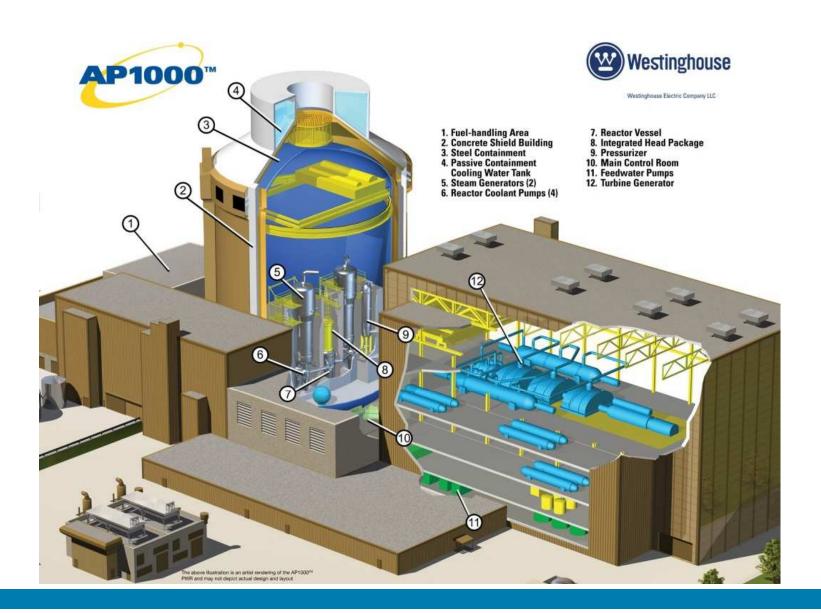
- Moorside Power Station (NuGen)
- North West Coast Connections (National Grid
- Dumfries and Galloway Strategic Reinforcement (Scottish Power Energy Networks)



NSIP Principles

- Application to Planning Inspectorate
- Decision by Secretary of State (DECC)
- Local Authorities are statutory consultees (consultation process, project detail, Local Impact Report)
- Planning Performance Agreements (PPA)







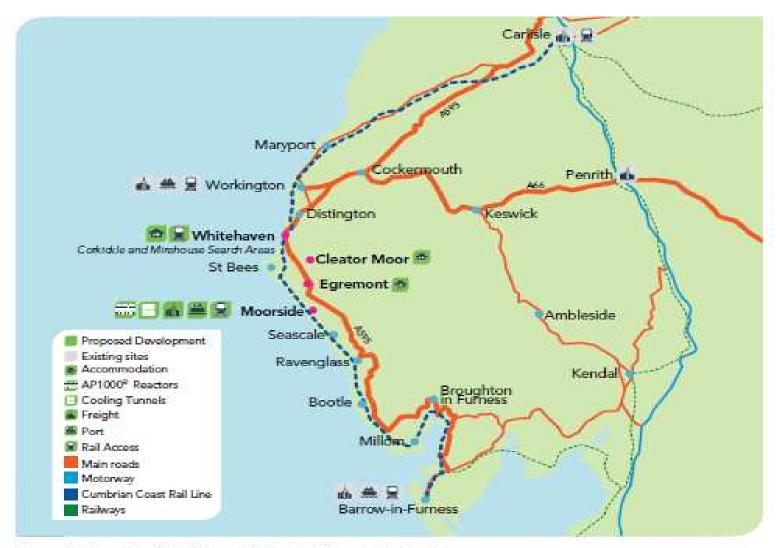


Figure A - Location of Key Moorside Project Elements in Cumbria





Figure C – Moorside Search Area (Excluding Full Extent of off-shore elements of the Moorside Search Area). Not to scale and for indicative purposes only



CCC Stage 1 response

- Transport deliverability, sustainability, legacy
- Skills & Supply chain numbers, local opportunities, training
- Associated Development sites evidence, sustainable transport, housing and other legacy, avoid boom and bust
- Impact on Services quantify size, composition and location of workforce to assess service needs (Education, Health, Social Care, Leisure, etc)
- Waste quantity and potential uses for spoil
- **Emergency Planning** Sellafield, infrastructure, evacuation, legacy
- Contribute positively identify and mitigate impacts and provide legacy
- **Cumulative impacts** take account of other key infrastructure proposals (in terms of workforce, skills, transport and other impacts)



NuGen Timetable

- Stage 1 consultation May to July 2015
- Stage 2 consultation May July 2016
- Development Consent application April 2017
- Consent (if secured) Oct 2018
- Construction 2019 2026
- Operational (first reactor) 2024



NU'GEN Timeline 8th - 12th EIA documents from the draft comments 11th 9th 31st 29th 12th-14th Draft 2 of DCO 5 x Search Area Local Oct 2015 Dec 2015 Feb 2016 **April 2016** April 2017 **Sept 2015** Nov 2015 March 2016 May 2016 Jan 2016 10th 2nd-5th 29th 31st 12th DCO documents 30th 6th 14th 9th-11th 17th MTG MOORSIDE

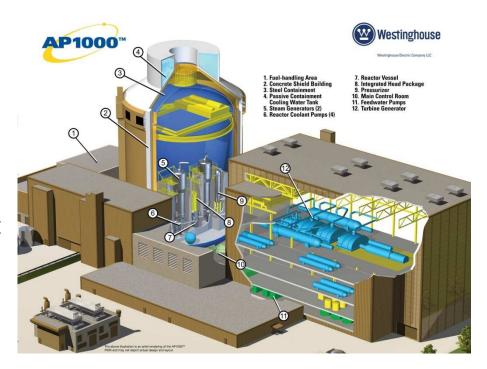
Stage 1 Consultation – NuGen Feedback

- 24 events, 1,800 visitors, 750 replies
- Support for project
- Support for strategic approach and legacy
- Concerns about roads, rail, health, visual, waste

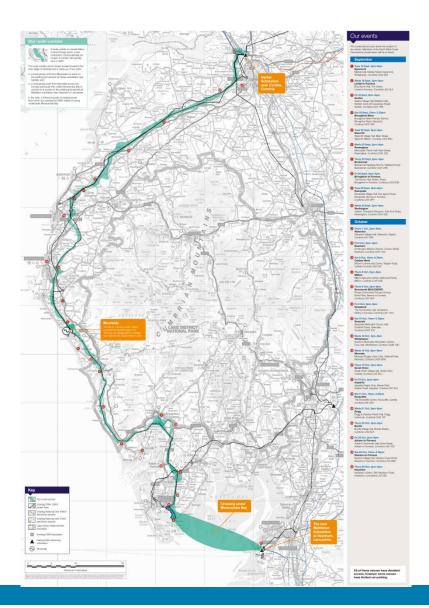


Purpose of NWCC Project

- Nugen is proposing to build a 3.4GW nuclear power station at Moorside adjacent to Sellafield
- The existing 132kV ENW transmission line in West Cumbria has insufficient capacity to provide a connection
- National Grid is required to connect Moorside via two 400kV double circuits
- New connection must be ready to export power by 2024, from the first of three new AP1000 reactors.

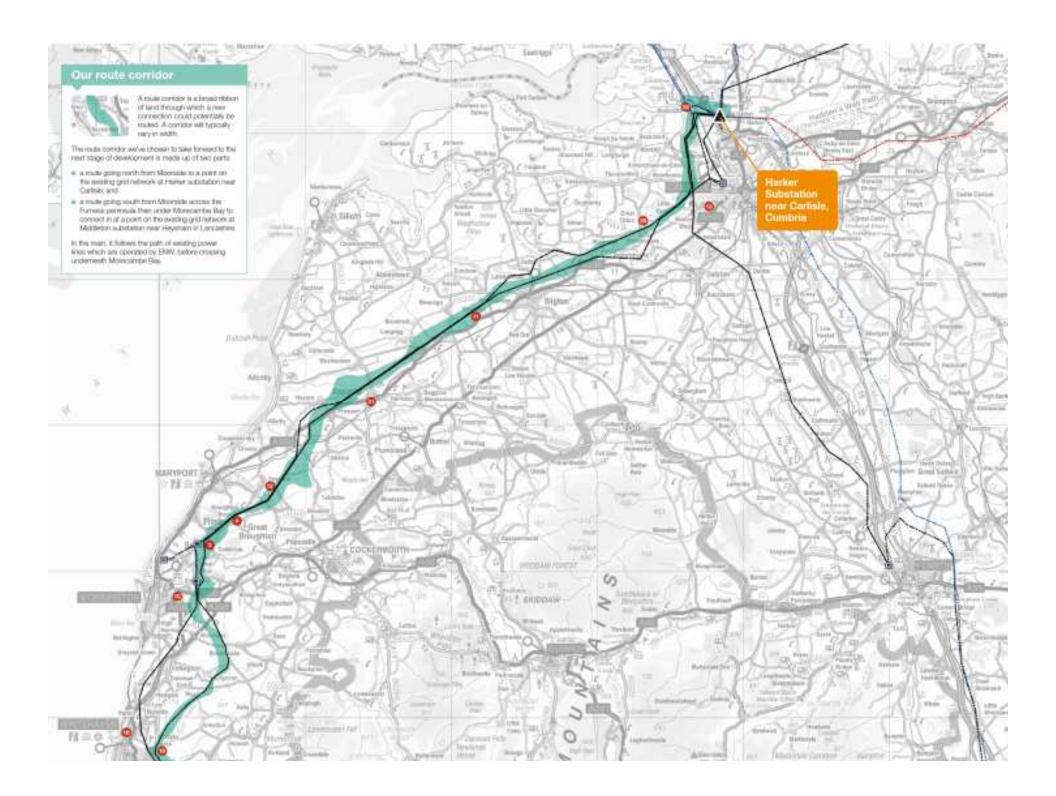






North West Coast Connections: Chosen Route Corridor





NWCC Programme

- 22 Feb 2016 local authorities consulted on Statement of Community Consultation
- June July 2016 Formal consultation with the public and local authorities
- April 2017 submission of Development Consent Order
- Late 2018 DCO granted



Impacts

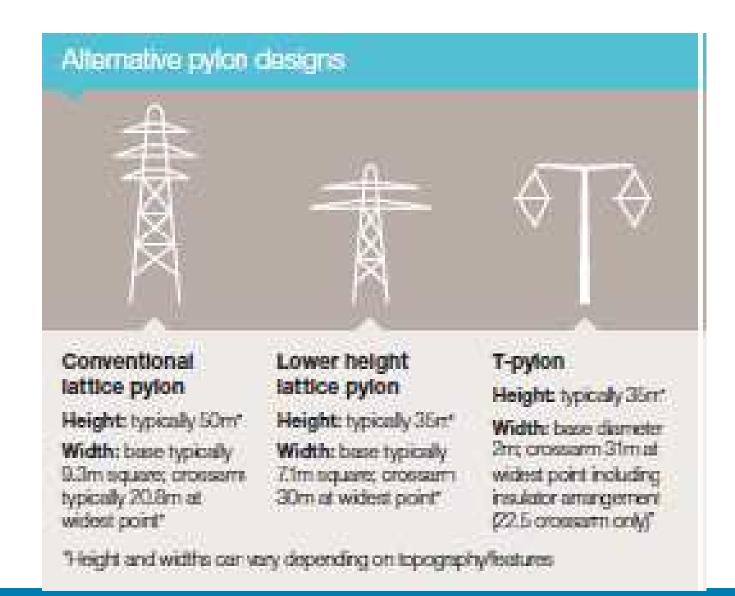
- Visual/landscape
- Ecology/Historic Environment
- Transport of materials and equipment impact on roads, rail & ports
- Social and Economic



Mitigation Issues (1)

- Physical
 - Routing of line, screening & landscaping
 - Rationalisation of overhead lines
 - Alternative pylon designs
 - Undergrounding
 - Compensation for damage







Mitigation Issues (2)

- Social and economic -
 - Job opportunities (incl. training)
 - Supply chain/engage local businesses
 - Impact of incoming workforce



Dumfries and Galloway Strategic Reinforcement





D&G Reinforcement purpose

- Replace ageing assets
- Increase capability of transmission system and to integrate new generation
- To enable cross-border electricity distribution



D&G Programme

- Strategic Route Consultation 2015
- Route consultation 2016
- ?
- ?
- Operation of new grid 2023







Cumbria Infrastructure Plan

- Strategic infrastructure transport, flood, water, broadband, energy
- Map growth & commitments
- Stakeholder engagement
- Identify long list of schemes
- Prioritisation of schemes
- Plan with business cases



Emerging Infrastructure Priorities

TfN & Devo Deal:

- Cumbria Coast Railway
- Strategic Road Network
- Workington & Barrow Ports

Developer funding:

- Local highways & sustainable transport
- Railway line/stations Workington to Moorside



Skills Plan

- Large demand for skilled labour from NuGen and other major projects
- Falling population in Cumbria
- Ageing population
- Focus on STEM subjects
- York Consulting appointed to update plan



Legacy Benefits

- Transport improved port, rail, highway infrastructure
- Employment local jobs, training, support for local & new businesses
- Minerals & Waste local quarries, uses for spoil, sustainable transport
- Ecological mitigation plan
- Housing regeneration, permanent legacy, eg. affordable, extra-care
- Social Care & Education



Questions?

