



AGENDA ITEM: 10

NORTH WALES FIRE AND RESCUE AUTHORITY EXECUTIVE PANEL

24 October 2016

WYLFA NEWYDD

Report by Dawn Docx, Deputy Chief Fire Officer

Purpose of Report

- 1 To highlight to the Executive Panel the resourcing implications placed on North Wales Fire and Rescue Service as a direct result of plans to develop a new nuclear power station at Wylfa, as well as the associated developments.

Background

- 2 Horizon, a subsidiary of Hitachi Ltd, is planning to develop a new nuclear power station at the existing Wylfa site and is currently consulting with stakeholders during the second of two 'Pre-Application Consultations' (PAC2) prior to submitting an application to the Secretary of State for approval of a Development Consent Order (DCO). This will be followed by a large number of Town and Country Planning Act consultations relating to the associated developments.
- 3 The construction of Wylfa Newydd will be delivered by Menter Newydd which is a joint venture of Hitachi Nuclear Energy Europe Ltd, Bechtel Management Company Ltd, and JGC Corporation (UK) Ltd and will be overseen by Horizon.
- 4 The nuclear reactors to be used at Wylfa Newydd will be UK Advanced Boiling Water Reactors and they will have a combined electrical output of 2,700MW.

Information

- 5 During the peak of construction, it is estimated that 11,700 workers may be engaged on Ynys Môn, many of whom are likely to be young male construction workers from a variety of differing cultures and nationalities.
- 6 These workers will be housed at a variety of locations including existing private rented housing stock, newly built accommodation that will have a legacy use and temporary purpose built accommodation. In addition, it is envisaged that many of the workers will travel to Ynys Môn daily from other parts of North Wales and from as far afield as Manchester and Liverpool.
- 7 The development of Wylfa Newydd will need to be considered in the context of other energy related developments on Ynys Môn. These include:
 - Llanbadrig Solar Farm
 - Rhosgoch Repower
 - Orthios Biomass and eco-park
 - Menai Science Park
 - A new connection from Wylfa Newydd to the National Grid via the sub-station at Pentir.
- 8 Apart from the main construction site there are a number of other significant sites associated with the development:
 - On-line improvements to the A5025 from Valley to Cemaes.
 - Off-line improvements to the A5025 at Valley, Llanfachraeth, Llanfaethlu and Cefn Coch.
 - Off-site power station facilities including an alternative emergency control centre and environmental survey laboratory at Cefn Coch.
 - Mechanical emergency equipment garage at Llanfaethlu.
 - Marine off-loading facility (MOLF) at Porth y Pistyll to assist with delivery of construction materials and equipment by sea.
 - Construction worker accommodation at Kingsland and Cae Glas, with up to 3500 bed spaces, having legacy use as private housing and leisure facilities (Land & Lakes).
 - Former Shell Rhosgoch site with up to 1500 bed spaces.
 - Madyn farm, Amlwch with 200 bed spaces having legacy use as housing.
 - Amlwch A&B temporary housing facility with 800 bed spaces.

- On-site housing with 500 bed spaces for key personnel.
- Logistics centre at Parc Cybi, Holyhead.
- Park and ride at Dalar Hir, providing up to 2,700 parking spaces.

- 9 A project of this scale is unprecedented in North Wales.
- 10 The most recent comparison is that of a new nuclear facility at Hinkley in Somerset, and officers have discussed, at length, the resourcing requirements with colleagues from Devon and Somerset Fire and Rescue Service.
- 11 It will be necessary to work with the developers to highlight any concerns during the planning phase. Then it will be necessary to undertake business fire safety activities, deliver community safety advice and education with the workforce and undertake a significant amount of operational emergency planning and training.
- 12 It is, therefore, very important that NWFRS correctly resources this project and provides a consistent single point of access with the experience required to represent the Service's interests at all times.
- 13 A Group Manager has been identified to undertake this role on a full time basis for the next 12 months, with a possibility for further extensions, to be reviewed annually.
- 14 However, it will be necessary to continue the work previously completed by this officer and, as a result, resources have had to be moved from other areas of the Service.
- 15 In addition, it will also be necessary, during peak periods in the Wylfa Newydd timeline, to second additional staff members on to the project as and when required.
- 16 A business case has been presented to Horizon to request the recovery of costs associated with the additional workload implications of this development and a response is expected in due course.

Recommendation

- 17 That Members note the implications of the Wylfa Newydd development for NWFRS and support the approach taken to correctly resource this important work.