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Our Reference:  
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**RADIATION (EMERGENCY PREPAREDNESS AND PUBLIC INFORMATION) REGULATIONS  
2001 (REPPIR) – WYLFA LICENSED SITE EMERGENCY PLANNING AND PRIOR  
INFORMATION AREAS**

Dear Mr. Law,

As you are aware, ONR has been re-determining the REPPIR off-site emergency planning area<sup>(1)</sup> and the area within which prior information is to be supplied to members of the public<sup>(2)</sup> around the Wylfa nuclear licensed site as prescribed in REPPIR regulations 9(1) and 16(1) respectively.

This process was initiated by the Reports of Assessment which were sent to ONR by Magnox Ltd.

This determination also takes cognisance of ONR's principles for the determination<sup>(3)</sup> of such areas and this letter is to inform Magnox Ltd. as the dutyholder with responsibility under REPPIR for supplying prior information to members of the public around the Wylfa site, of the following:

1. ONR notes that, in accordance with the requirements of REPPIR regulations 5 and 6, Magnox Ltd. has reviewed its Hazard Identification and Risk Evaluation and submitted Reports of Assessment (RoA) under regulation 5(2) of REPPIR to ONR.
2. ONR has completed its assessment of these submissions and concluded that they satisfy the requirements of regulation 6(4) and Schedule 5 of REPPIR, and that an off-site emergency plan continues to be required.
3. In accordance with regulation 9(1), ONR has determined the REPPIR off-site emergency planning area around the Wylfa site as the area within the green line on map attached to this letter. The area defined by this map may be generally described as:

*A land area which is defined by geographical features located within a circular radius of approximately 1-2.5 km from the centre of the Wylfa nuclear licensed site including the villages of Tregele and Cemaes, and an approximately rectangular seaward area that commences at the points where the land area reaches the coast, and extends north for approximately 1 km out to sea.*

4. The enhanced planning area reflects the site specific application of ONR's revised principles and related guidance for determination of REPPIR off-site emergency planning areas (which were revised in 2013 and published on the ONR website in January 2014), and consideration of some existing off-site emergency arrangements that extended beyond the minimum required



circular area. The area is now defined by geographical features and the consideration of adjacent vulnerable communities. This represents the area within which additional off-site emergency planning would be of benefit in protecting the public and restricting exposures so far as is reasonably practicable in the event of a reasonably foreseeable radiation emergency. The changes are part of ONR's continuous improvement process to review emergency planning for the protection of the public in the unlikely event of a radiation emergency.

5. In addition to arrangements under REPIR, ONR requires Magnox Ltd. under Licence Conditions to make and implement adequate arrangement for dealing with any accident or emergency arising on the site and their effects<sup>(4)</sup>.
6. For your information, in accordance with regulation 9(1), ONR has also re-determined the REPIR off-site emergency planning area<sup>(5)</sup> as the same area identified within the green line on the maps attached to this letter. Isle of Anglesey County Council has the duty to revise its off-site emergency plans for this area, and a copy of the letter advising them of this is also attached.

ONR will publish a Project Assessment Report with details of the basis for its regulatory decision on the website. This will be available at <http://www.onr.org.uk/depz.htm>.

Yours sincerely,



**Principal Inspector – Cross ONR Programme**



Referenced Explanatory Notes:

(1) The Wylfa REPPiR off-site emergency planning area is the area for which Isle of Anglesey Council as the lead local authority, is required, under REPPiR regulation 9(1), to produce an off-site emergency plan for the protection of persons who are, or potentially may be, located in this area in the event of a radiation emergency. The plans will include public information and a range of countermeasures and other protection measures relevant and proportionate to the radiological hazards associated with the site. In developing the REPPiR off-site emergency plan, the local authority is required to consult a range of persons including the operators, ONR, the emergency services, the relevant health authority, and such other persons, bodies and authorities and members of the public as it considers appropriate.

(2) The Wylfa REPPiR off-site prior information area is the area within which the operator is required under REPPiR regulation 16(1) to supply to members of the public as a minimum, in an appropriate manner and without their having to request it, the information specified in Schedule 9. The operator shall also make that information publicly available

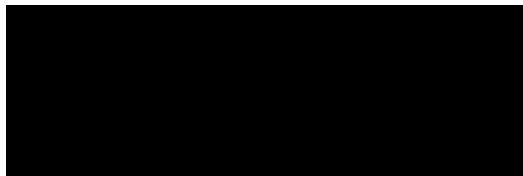
(3) ONR's revised principles for determination of REPPiR off-site emergency planning areas can be found at: <http://www.onr.org.uk/depz-onr-principles.htm>

(4) Magnox Ltd.'s on-site plan and its contribution to the off-site plan (eg. assistance with urgent countermeasures), and the off-site emergency plan put in place by the local authority, would be complemented by wider food restrictions as determined by the Food Standards Agency in accordance with the Food and Environment Protection Act, 1985.

(5) The REPPiR off-site emergency planning area referred to in this letter is identified as the 'Detailed Emergency Planning Zone' (DEPZ) and comprises of a minimum distance of 1.6 km from the site, in the Council's current Off-site Emergency Plan.

Distribution

Magnox Ltd.



Isle of Anglesey County Council



Regional Emergency Planning Service,  
North Wales Councils



Maritime and Coastguard Agency:



Natural Resources Wales



Food Standards Agency



Welsh Government



Department of Energy & Climate  
Change



ONR





**ONR determination of the REPPIR off-site emergency planning area and the REPPIR prior information area around the Magnox Ltd. licensed site of Wylfa**

The area defined by this map may be generally described as:

*A land area which is defined by geographical features located within a circular radius of approximately 1-2.5 km from the centre of the Wylfa nuclear licensed site including the villages of Tregelle and Cemaes, and an approximately rectangular seaward area that commences at the points where the land area reaches the coast, and extends north for approximately 1 km out to sea.*

