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Date: 25 <sup>th</sup> June 2014	

**RADIATION (EMERGENCY PREPAREDNESS AND PUBLIC INFORMATION) REGULATIONS  
2001 (REPPIR)**

**BRADWELL OFF-SITE EMERGENCY PLANING AND PRIOR INFORMATION AREA**

Dear ██████████

As you are aware, ONR has been reviewing the local authority's off-site emergency planning area<sup>(1)</sup>, and the area within which Magnox Ltd must provide prior information to the public<sup>(2)</sup> around the Bradwell nuclear licensed site.

This process was initiated by the Report of Assessment (RoA) sent to ONR by Magnox Ltd, which indicated a substantial reduction in the radiological hazard at the Bradwell site compared to when the power station was operating (and the current emergency planning and prior information areas were determined<sup>(3)</sup>). The reduction in hazard is consequent to the defuelling of the reactors and the removal of the nuclear fuel from the site.

In our letter of 22 February 2013, we acknowledged receipt of your letter and associated documentation submitted to ONR in accordance with REPPIR regulations 5 and 6, and informed you that, in accordance with regulation 9(1), ONR would be assessing the report in order to review the extent of the area within which the local authority must prepare an adequate off-site emergency plan and within which Magnox Ltd must supply, as a minimum, the prior information specified in Schedule 9 to REPPIR.

This letter is to notify you that:

***REPPIR off-site emergency planning***

1. In accordance with the requirements of REPPIR regulations 5 and 6, Magnox Ltd has reviewed its Hazard Identification and Risk Evaluation and submitted a Report of Assessment relating to the Bradwell Site to ONR on 31 January 2013;
2. ONR has completed its assessment of the RoA;
3. ONR has concluded that the RoA satisfies the requirements of regulation 6(4) and Schedule 5 to REPPIR;



4. ONR concurs with your findings that a radiation emergency (as defined in regulation 2(1) of REPPIR) is no longer reasonably foreseeable at the Bradwell Site;
5. REPPIR regulation 9(1) requires ONR to identify the area in which, in its opinion, any member of the public is likely to be affected by a reasonably foreseeable radiation emergency. Noting ONR's conclusion that a radiation emergency (as defined in REPPIR) is no longer reasonably foreseeable at the Bradwell site, there is no longer a legal requirement under REPPIR for an off-site emergency planning area. As a consequence, the area specified in our letter of 20 October 2008 (and referred to as the 'detailed emergency planning zone' in Essex County Council's current Bradwell Off-Site Emergency Plan dated 31 January 2012) is no longer required under REPPIR.
6. Consequently and correspondingly, there is no longer a requirement for Essex County Council to continue to prepare, test and review a REPPIR off-site emergency plan in respect of the Bradwell site.

### ***Provision of prior information to the public***

7. On the basis that a radiation emergency (within the meaning of REPPIR) is no longer reasonably foreseeable at the Bradwell site, the requirement for ONR to specify an area in which Magnox Ltd must provide prior information to the public under regulation 16(1) of those Regulations no longer applies.

Following the conclusions above, and the effective removal of the REPPIR off-site emergency planning and prior information areas, ONR notes that:

8. As a radiation emergency (within the meaning of REPPIR) is no longer reasonably foreseeable at the Bradwell site, Magnox Ltd is not required to prepare an operator's emergency plan under regulation 7(1);
9. However, ONR would emphasise that, for as long as work with ionising radiation to which REPPIR applies is carried out on the Bradwell site, Magnox Ltd remains legally obliged to assess changes to that work, and to periodically review and report assessments as required by regulations 5(1), 5(2), 6(2), 6(3) and 6(4) of REPPIR;
10. The determination set out by ONR in its Project Assessment Report (ONR-COP-PAR-14-003, available on the ONR website) and summarised in this letter, does not affect the requirement for Magnox Ltd to maintain compliance with relevant duties provided through other legislative routes (e.g. the general duty under the Health and Safety at Work etc. Act 1974 to ensure, so far as is reasonably practicable, the safety and welfare of employees and other person; and under other safety legislation including the Ionising Radiation Regulations (in particular, regulation 12 contingency plans)). Equally, it does not affect the duty of Magnox Ltd to comply with the conditions – in particular, LC11 - attached to the Bradwell Site Licence. ONR will continue to seek assurance that Magnox Ltd remains compliant with these wider duties through its normal inspection activities. I would add, however, that it is ONR's expectation that you will review your compliance arrangements to ensure they remain adequate and appropriate in light of this determination and, in making any changes that may be necessary, that relevant regulatory due processes be followed.

I have copied this letter to Bradwell Employee Safety Representative and Essex County Council.

Yours sincerely,

  
**HM Superintending Inspector (Nuclear Installations)**



(1) The Bradwell REPIR off-site emergency planning area is the area for which Essex County Council is required, under REPIR, 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 Bradwell nuclear licensed site at appropriate locations within all or part of this area.

(2) The Bradwell REPIR off-site prior information area is the area within which the operators are required under REPIR 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) The current REPIR off-site emergency planning area is identified as the 'Detailed Emergency Planning Zone' (DEPZ) and is a circular area of radii 2.4 km in the Council's current Bradwell Off-site Emergency Plan: dated 31 January 2012.

**Distribution**

Essex County Council:

[Redacted]

Licensees:

[Redacted]

Bradwell Employee Safety Representative:

[Redacted]

ONR:

[Redacted]