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**RADIATION (EMERGENCY PREPAREDNESS AND PUBLIC INFORMATION) REGULATIONS
2001 (REPPIR) - SOUTHAMPTON OPERATIONAL BERTH EMERGENCY PLANNING AND
PRIOR INFORMATION AREAS**

Dear Captain Jessop,

As you are aware, ONR has been re-determining the REPPIR off-site emergency planning area⁽¹⁾ and the area within which prior information shall be provided to the public⁽²⁾ around the Southampton Operational Berth, as prescribed in REPPIR regulations 9(1) and 16(1) respectively.

This process was initiated by the Declaration of No Change sent to ONR by Navy Command (MOD) through the Defence Nuclear Safety Regulator (DNSR) relating to the Report of Assessment (RoA) for the naval reactor plant.

This determination also takes cognisance of ONR's principles for the determination⁽³⁾ of such areas and this letter is to inform Navy Command (MOD), as the dutyholder with responsibility under REPPIR for supplying prior information to members of the public around the Southampton Operational Berth, of the following:

1. ONR notes that, in accordance with the requirements of REPPIR regulations 5 and 6, Navy Command (MOD) has reviewed its Hazard Identification and Risk Evaluation and Report of Assessment (RoA) for the naval reactor plant, and has submitted through DNSR a Declaration of No Change as provided under regulation 5(2) of REPPIR to ONR.
2. ONR has completed its assessment of the Declaration of No Change submission and concluded that it satisfies 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 regulations 9(1) and 16(1) of REPPIR 2001, ONR has determined the REPPIR off-site emergency planning and prior information areas around the Southampton Operational Berth as the areas within the red line on map A attached to this letter. The area defined by this map may be generally described as:
 - *An area extending beyond the minimum radial distance of 1.5 km from the centre point of the operational berth, with the boundary following in the main, the existing emergency plan boundary, the inner edges of roads, property boundaries and distinctive pathways on land, and with a radius of 1.5 km across all marine areas. It*



includes parts of Southampton to the north, Woolston to the east and Hythe in the south-west.

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 the existing off-site emergency planning area 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 REPPiR, the Defence Nuclear Safety Regulator requires under formal Authorisation Conditions (that are closely aligned with ONR Licence Conditions) adequate arrangements for dealing with any accident or emergency arising at the berth and its effects⁽⁴⁾, these arrangements are implemented by Navy Command (MoD)
6. For your information, in accordance with regulation 9(1), ONR has also re-determined the REPPiR off-site emergency planning area⁽⁵⁾ as the same area identified within the red line on the map attached to this letter. Southampton City 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.

Yours sincerely,



Referenced Explanatory Notes:

(1) The Southampton Operational Berth REPPiR off-site emergency planning area is the area for which Southampton City 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 berthed or anchored nuclear powered submarine at appropriate locations within all or part of this area. 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 Southampton Operational Berth 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) Navy Command'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 1.5 km from the operational berth, in the Council's current SotonSafe Off-site Emergency Plan for the berth

Distribution

Navy Command
Southampton City Council
New Forest District Council
Hampshire County Council
Defence Nuclear Safety Regulator
Harbour Master Southampton
Maritime and Coastguard Agency:
Environment Agency
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Department of Energy & Climate
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