



3. In accordance with regulation 9(1), ONR has determined the off-site emergency planning area around the main Devonport site as the area contained within the red line marked on Map No. 1 attached to this letter, which may be generally described as:
 - *An area extending between 1.5 and 2.5 km from the centre of the Devonport site 5 basin whose boundary follows, in the main, the inner edges of roads, property boundaries and pathways on land and a radius of 2.0 km from the centre of 5 basin on the water.*
4. In accordance with regulation 9(1), ONR has also determined the off-site emergency planning area around the submarine buoys and anchorages, located in Plymouth Sound as the areas contained within the red line marked on Map No. 2 and Map No. 3 attached to this letter, which may be generally described as:
 - *A mostly marine and roughly circular area of radius 1.7 km around Delta and Echo buoys in Plymouth Sound that includes the breakwater and Drake Island and also extends onto land to include parts of Bovisand and Crownhill Bays on the eastern side.*
 - *The combined area based on 1.5 km circular radii around 22 and 23 anchorages in Plymouth Sound and including the Plymouth Sound breakwater and the Plymouth Sound breakwater fort.*
5. The planning areas reflect the site specific application of ONR's principles and related guidance for determination of REPIR off-site emergency planning areas (which are published on ONR's website), and consideration of the existing off-site emergency planning area to extend it as necessary to further enhance public protection. The areas are now defined by geographical features and the consideration of adjacent vulnerable communities and as a result they are no longer circular areas around each relevant berth. These represent the areas 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.
6. In addition to arrangements made under REPIR, DRDL is required under its Licence Condition 11 to make and implement adequate on-site arrangements for dealing with any accident or emergency arising on the Devonport licensed site. Similarly the MOD's DNSR requires under formal Authorisation Conditions (that are closely aligned to ONR Licence Conditions) adequate arrangements for dealing with any accident or emergency arising at the Naval Base, authorised parts of the Devonport site and the associated berths in Plymouth Sound, and their effects⁽⁴⁾, these arrangements are implemented by DRDL and HMNB(D) respectively.
7. As a result of this re-determination, and in accordance with regulation 9(8), the Council is required to review, and revise as necessary, the off-site emergency plan within six months, or such longer period as the ONR may agree in writing⁽⁵⁾, either from whichever is the later of the date of receipt of this letter, or from the receipt of such information from the operator as is necessary for the purposes of the preparation of such an off-site plan. The revised plan must apply to the areas defined in paragraph 3 and 4 above.



8. In accordance with regulation 16(1), ONR has also re-determined the areas within which the operator must supply prior information to be the same areas as identified within the red lines on Maps No. 1, 2 and 3 attached to this letter. The MOD and DRDL have the legal duty to provide such specified information in this area, and a copy of the letter advising them of this is also attached.

Yours sincerely

A solid black rectangular box redacting the signature of the Superintendenting Nuclear Inspector.

A solid black rectangular box redacting the name of the Superintendenting Nuclear Inspector.

Superintending Nuclear Inspector (Propulsion Sites)



Referenced Explanatory Notes

- (1) The Devonport site and associated Plymouth Sound berths REPPIR off-site emergency planning areas are the areas for which Plymouth 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 these areas 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 these areas. 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) ONR's principles for determination of REPPIR off-site emergency planning areas can be found at: <http://www.onr.org.uk/depz-onr-principles.htm>
- (3) The REPPIR off-site emergency planning area referred to in this letter is identified as the 'Detailed Emergency Planning Zone' (DEPZ) in the Devonport Off-site Emergency Plan.
- (4) The combined HMNB(D) and DRDL on-site plan and its contribution to the off-site plan (e.g. 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) REPPIR regulation 9(8) allows ONR, at the request of the Council, to agree in writing a longer time period for revision in exceptional circumstances.



Distribution

Plymouth City Council	[Redacted]
Cornwall Council	[Redacted]
South Hams District Council	[Redacted]
Devon County Council	[Redacted]
Her Majesty's Naval Base Devonport	[Redacted]
Devonport Royal Dockyard Ltd	[Redacted]
Navy Command on behalf of MOD	[Redacted]
Defence Nuclear Safety Regulator	[Redacted]
Queens Harbour Master – Port of Plymouth	[Redacted]
Maritime and Coastguard Agency:	[Redacted]
Environment Agency	[Redacted]
Food Standards Agency	[Redacted]
Department for Business, Energy & Industrial Strategy	[Redacted]
ONR	[Redacted]

Attachment to Letter DRDL71323, dated 15th November 2016, Map No. 1: Devonport REPIR regulations 9(1) and 16(1) off-site emergency planning and off-site prior information areas

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

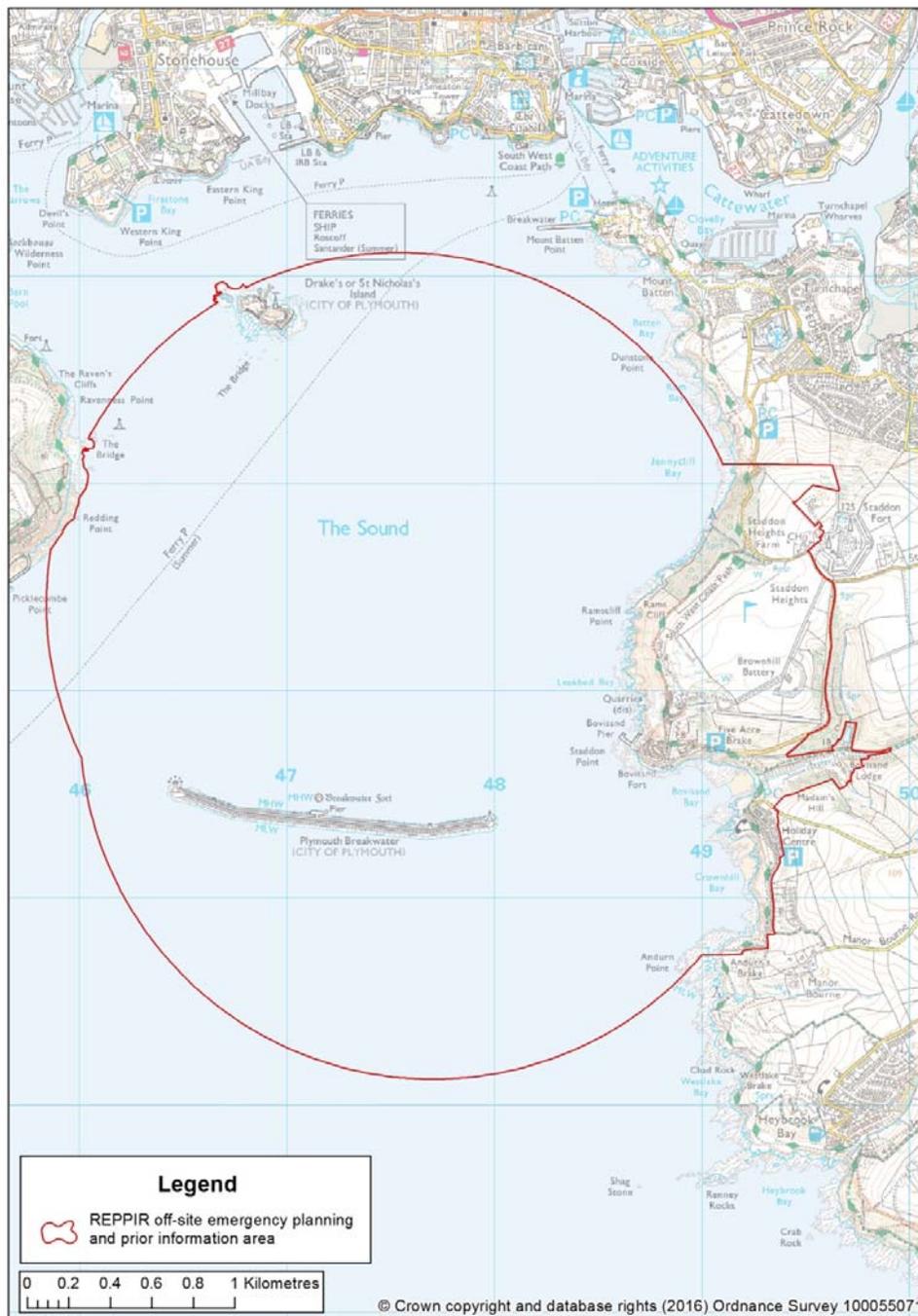
- *An area extending between 1.5 and 2.5 km from the centre of Devonport dockyard 5 basin who's boundary follows, in the main, the inner edges of roads, property boundaries and pathways on land and a radius of 2.0 km from the centre of 5 basin on the water.*



Attachment to Letter DRDL71323, dated 15th November 2016, Map No. 2: “Plymouth Sound North” REPIR regulations 9(1) and 16(1) off-site emergency planning and off-site prior information areas

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

- *A mostly marine and roughly circular area of radius 1.7 km around Delta and Echo buoys in the Plymouth Sound that includes the breakwater and Drake Island and also extends onto land to include parts of Bovisand and Crownhill Bays on the eastern side.*





Attachment to Letter DRDL71323, dated 15th November 2016, Map No. 3: “Plymouth Sound South” REPIR regulations 9(1) and 16(1) off-site emergency planning and off-site prior information areas

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

- *The combined area based on 1.5 km circular radii around 22 and 23 anchorages in Plymouth Sound and including the Plymouth Sound breakwater and the Plymouth Sound breakwater fort.*

