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STATUTORY RULES OF NORTHERN IRELAND

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**2019 No. 185**

**The Radiation (Emergency Preparedness and Public Information) Regulations (Northern Ireland) 2019**

**Application**

3.—(1) Subject to paragraphs (2) and (5) and with the exception of regulation 21, these Regulations apply to any work with ionising radiation which involves having on any premises, or providing for there to be on any premises, a radioactive substance containing more than the quantity specified in relation to that radionuclide in Schedule 1 or, in the case of fissile material, more than the mass of that material specified in Schedule 2.

(2) These Regulations do not apply to work falling within paragraph (1) where the operator can demonstrate that the quantity present on the premises would not allow, in a radiation emergency situation, an annual effective dose to persons off-site of greater than 1 mSv.

(3) Where a radionuclide is not specified in Schedule 1—

- (a) an operator shall carry out an assessment to determine whether the quantity present on the premises allows an annual effective dose greater than that specified in paragraph (2); and
- (b) if that assessment demonstrates that an annual effective dose greater than that specified in paragraph (2) is allowable, then these Regulations apply.

(4) For the purposes of paragraph (1), a quantity specified in Schedule 1 is to be treated as being exceeded if—

- (a) where only one radionuclide is involved, the quantity of that radionuclide exceeds the quantity specified in the appropriate entry in Part 1 of Schedule 1; or
- (b) where more than one radionuclide is involved, the quantity ratio calculated in accordance with Part 2 of Schedule 1 exceeds one.

(5) These Regulations do not apply in respect of—

- (a) any non-dispersible source;
- (b) any radioactive substance which has an activity concentration of not more than 100Bqg<sup>-1</sup>;
- (c) any radioactive substance conforming to the specifications for special form radioactive material set out in sub-section 2.7.2.3.3. of the UN Model Recommendations on the Transport of Dangerous Goods: Model Regulations (“UN Model Regulations”)(1), as revised or reissued from time to time;
- (d) any radioactive substance which is in a package which complies with the requirements for a Type B(U) package, a Type B(M) package or a Type C package as set out in subsections 6.4.8, 6.4.9 or 6.4.10 of the UN Model Regulations respectively.

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(1) The Model Recommendations can be found at [https://www.unec.org/trans/danger/publi/unrec/rev19/19files\\_e.html](https://www.unec.org/trans/danger/publi/unrec/rev19/19files_e.html) or can be inspected at the offices of the Department of Business, Energy and Industrial Strategy at 1 Victoria Street, London, SW1H 0ET.