

Sealed with the Official Seal of the Ministry of Health and Local Government this 21st day of December, nineteen hundred and sixty-two.

(L.S.)

Wm. J. Morgan,
Minister of Health and Local Government.

EXPLANATORY NOTE

(This Note is not part of the Order, but is intended to indicate its general purport.)

This Order excludes from Section 6(1) and (2) of the Radioactive Substances Act, 1960 (which prohibits the disposal of radioactive waste without authorisation), "radioactive waste" within the meaning of Section 18(4) of that Act consisting of certain sealed irradiated material (including cobalt 60 and iridium 192 used in radiography), on condition that its disposal is to a producer of irradiated material of the same description.

1962. No. 246

[C]

ATOMIC ENERGY AND RADIOACTIVE SUBSTANCES

The Radioactive Substances (Storage in Transit) Exemption Order (Northern Ireland), 1962

ORDER, DATED 21ST DECEMBER, 1962, MADE BY THE MINISTRY OF HEALTH AND LOCAL GOVERNMENT UNDER SECTIONS 2(6) AND (7) AND 7(4) OF THE RADIOACTIVE SUBSTANCES ACT, 1960.

The Ministry of Health and Local Government, in exercise of the powers conferred on it by Sections 2(6) and (7) and 7(4) of the Radioactive Substances Act, 1960(a), and of every other power enabling it in that behalf, hereby makes the following Order:—

Citation and commencement

1. This Order may be cited as the Radioactive Substances (Storage in Transit) Exemption Order (Northern Ireland), 1962, and shall come into operation on the 1st day of December, 1963.

Interpretation

2.—(1) In this Order—

"the Act" means the Radioactive Substances Act, 1960;

"at or near the surface" means as near the surface as is practicable for the purpose of measuring the dose rate;

"incorporated radionuclide" means a radionuclide which, according to the relevant information, is sealed for use in, or sealed for use in or affixed

for use to any component of, an instrument or apparatus used for scientific or technical purposes or an electronic tube or similar article;

“the Ministry” means the Ministry of Health and Local Government;

“package” includes any sack, drum, container or wrapping;

“the relevant information” means such information as is written or printed on the package, on its label or in the certificate or other document (if any) received in respect of the package.

(2) For the purposes of paragraphs (a), (b) and (g) of Article 6, all premises in the same occupation and lying within the same curtilage shall together be treated as the premises in respect of which the conditions in those paragraphs apply.

(3) The Interpretation Act (Northern Ireland), 1954(a), applies to the interpretation of this Order as it applies to the interpretation of an Act of the Parliament of Northern Ireland.

Exemption from registration under Section 1 of the Act

3. Subject to the provisions of Articles 5, 6 and 7, any person who, on any premises which are used for the purposes of any undertaking carried on by him, keeps or causes or permits to be kept any radioactive material to which this Article applies is hereby granted exemption from registration under Section 1 of the Act (which provides for the registration of persons who keep or use radioactive material) in respect of those premises and the keeping thereon of that radioactive material.

Description of radioactive material to which exemption relates

4. Article 3 applies to radioactive material of any description which—

- (a) is contained within a package which, upon a reasonably careful inspection, appears to contain its contents securely; and
- (b) is in transit, whether by road, rail, water or air, or partly by one of those means and partly by another or others.

Exemption subject to conditions

5. The exemption granted by Article 3 in respect of the keeping of radioactive material in a package falling within one or both of the following descriptions,—

- (a) a package at or near the surface of which the dose rate exceeds ten millirads per twenty-four hours in air at any time while that package is on the premises;
- (b) a package in which, according to the relevant information,—
 - (i) the amount (if any) of the radionuclides specified in Schedule 1 (excluding any incorporated radionuclide) exceeds, in the aggregate, one microcurie; or
 - (ii) the amount (if any) of the radionuclides specified in Schedule 2 (excluding any incorporated radionuclide) exceeds, in the aggregate, one hundred microcuries; or
 - (iii) the amount (if any) of radionuclides not listed in either of those Schedules (excluding any incorporated radionuclide) exceeds, in the aggregate, one millicurie,

is granted subject to the conditions specified in Article 6.

Conditions

6. The conditions to which Article 5 refers are—

- (a) that the package is not kept on the premises for longer than two weeks;
- (b) that not more than five packages falling within Article 5 are on the premises at any one time;
- (c) that the shortest dimension of the package measures not less than four inches;
- (d) that no part of its contents is removed from the package;
- (e) that, whenever there are reasonable grounds for believing or suspecting that the package or any part of its contents has been lost or stolen,—
 - (i) notification to that effect is given forthwith, by the quickest means available, to a member of the Royal Ulster Constabulary, and in writing to the Ministry, as soon as practicable; and
 - (ii) all reasonably practicable measures are taken forthwith for the purpose of recovering the package or the part of its contents;
- (f) that, whenever there are reasonable grounds for believing or suspecting that the package has been broken open or damaged or that any part of its contents has escaped or has been damaged, notification to that effect is given forthwith, by the quickest means available, to the Ministry, and, unless the notification so given is in writing, confirmed to it in writing as soon as practicable; and
- (g) that records are kept showing the names and amounts (in curies) of the radionuclides which, according to the relevant information, are contained within each package falling within Article 5 for the time being on the premises.

Exemption without limitation or condition

7. The exemption granted by Article 3 in respect of the keeping of radioactive material in a package falling within neither of the descriptions in Article 5 is granted without any limitation or condition.

Exclusion of radioactive waste from Section 7 of the Act

8. Radioactive waste of any description which—

- (a) is contained within a package which, upon a reasonably careful inspection, appears to contain its contents securely; and
- (b) is in transit, whether by road, rail, water or air, or partly by one of those means and partly by another or others,

is hereby excluded from the provisions of Section 7(1) of the Act (which relates to the accumulation of radioactive waste)—

- (i) absolutely, where the package containing it falls within neither of the descriptions in Article 5; but
- (ii) where the package containing it falls within one or both of those descriptions, subject to the conditions specified in Article 6.

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(L.S.)

Wm. J. Morgan,

Minister of Health and Local Government.

SCHEDULE 1

| | | | | | | | | |
|-------------|---|-----|-----------|---|-----|--------------|---|-----|
| Actinium | — | 227 | Curium | — | 243 | Plutonium | — | 238 |
| Americium | — | 241 | „ | — | 244 | „ | — | 239 |
| „ | — | 243 | „ | — | 245 | „ | — | 240 |
| Californium | — | 249 | „ | — | 246 | „ | — | 242 |
| „ | — | 250 | | | | Protactinium | — | 231 |
| „ | — | 252 | Neptunium | — | 237 | Radium | — | 226 |
| | | | | | | Thorium | — | 228 |
| | | | | | | „ | — | 230 |

SCHEDULE 2

| | | | | | | | | |
|-----------|---|-----|--------------|---|-----|---------|---|-----|
| Actinium | — | 228 | Polonium | — | 210 | Thorium | — | 227 |
| Berkelium | — | 249 | Protactinium | — | 230 | Uranium | — | 230 |
| Cerium | — | 144 | Radium | — | 223 | „ | — | 232 |
| Curium | — | 242 | „ | — | 224 | „ | — | 233 |
| Europium | — | 154 | „ | — | 228 | „ | — | 234 |
| Lead | — | 210 | Radon | — | 222 | „ | — | 236 |
| Plutonium | — | 241 | Strontium | — | 90 | | | |

EXPLANATORY NOTE

(This note is not part of the Order, but is intended to indicate its general purport.)

This Order exempts persons (in some cases conditionally) from registration under Section 1 of the Radioactive Substances Act, 1960, in respect of the storage, during transit, of any "radioactive material" within the meaning of Section 18(1) of that Act which, upon a reasonably careful inspection, appears to be securely contained within a package.

The Order also excludes (in some cases conditionally) from the provisions of Section 7 of the Act (which prohibits the accumulation of radioactive waste without authorisation) "radioactive waste" within the meaning of Section 18(4) of the Act which is stored on premises during transit and which, upon a reasonably careful inspection, appears to be securely contained within a package.

With respect to certain packages of radioactive material or radioactive waste (being packages which under the Regulations for the Safe Transport of Radioactive Materials published by the International Atomic Energy Agency in 1961 would bear labels indicating their radioactive content) the conditions of exemption include conditions limiting the number of packages on the premises at any one time and the period during which the packages are to be on the premises.