
STATUTORY INSTRUMENTS

1962 No. 2646

ATOMIC ENERGY AND RADIOACTIVE SUBSTANCES

**The Radioactive Substances (Storage in Transit)
Exemption Order 1962**

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|-------------------------------|---------|--------------------------|
| <i>Made</i> | - - - - | <i>4th December 1962</i> |
| <i>Laid before Parliament</i> | | <i>7th December 1962</i> |
| <i>Coming into Operation</i> | | <i>1st December 1963</i> |

The Minister of Housing and Local Government, in exercise of his powers under sections 2 (6) and (7) and 7 (4) of the Radioactive Substances Act 1960(a) and of all other powers enabling him in that behalf, hereby orders as follows: -

Citation and commencement

1. This order may be cited as the Radioactive Substances (Storage in Transit) Exemption Order 1962, and shall come into operation on 1st 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 Minister" means the Minister of Housing and Local Government;

" package" includes any sack, drum, container or wrapping;

"police force" means any police force maintained for any police area mentioned in Schedule 3 to the Police Pensions Act 1921(b), or main-tained by virtue of any scheme made under the Police Act 1946(c) ; and

"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 of this order, 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 1889(d) applies to the interpretation of this order as it applies to the interpretation of an Act of Parliament.
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Exemption from registration under section 1 of the Act

3. Subject to the provisions of Articles 5, 6 and 7 of this order, 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. The last preceding Article 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 of this order in respect of the keeping of radioactive material in a package falling within one or both of the following descriptions, that is to say,
 - (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 to this order (excluding any incorporated radionuclide) exceeds, in the aggregate, one microcurie; or
 - (ii) the amount (if any) of the radionuclides specified in Schedule 2 to this order (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 of this order

Conditions

6. The conditions to which the last preceding Article 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 the last preceding Article 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-
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- (i) notification to that effect is given forthwith by the quickest means available, to a member of a police force, and in writing to the Minister 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 Minister, and, unless the notification so given to him is in writing, confirmed to him 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 the last preceding Article for the time being on the premises.

Exemption without limitation or condition

7. The exemption granted by Article 3 of this order in respect of the keeping of radioactive material in a package falling within neither of the descriptions in Article 5 of this order 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 of this order; but
- (ii) where the package containing it falls within one or both of those descriptions, subject to the conditions specified in Article 6 of this order.

SCHEDULE 1

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

SCHEDULE 2

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

Given under the official seal of the Minister of Housing and Local Government on 4th December 1962.

Keith Joseph
**Minister of Housing and
Local Government**

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 anyone time and the period during which the packages are to be on the premises.

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