1963. No. 17 **[NC]**

FACTORIES

Ionising Radiations (Sealed Sources)—Radiation Dose Record

ORDER, DATED 14TH FEBRUARY, 1963, MADE BY THE MINISTRY OF LABOUR AND NATIONAL INSURANCE UNDER THE IONISING RADIATIONS (SEALED SOURCES) REGULATIONS (NORTHERN IRELAND), 1962.

The Ministry of Labour and National Insurance for Northern Ireland in pursuance of Regulation 24(1) of the Ionising Radiations (Sealed Sources) Regulations (Northern Ireland), 1962(a) (hereafter in this Order referred to as "the Regulations"), hereby prescribes the particulars to be contained in radiation dose records kept under that paragraph.

1.—(1) This Order may be cited as the Ionising Radiations (Sealed Sources) (Radiation Dose Record) Order (Northern Ireland) 1963, and shall come into operation on the 18th day of March, 1963.

(2) In this Order the expression "aggregated radiation" means ionising radiations from all or any one or more of the following, that is to say, X-rays, gamma rays, beta particles, electrons and positrons.

2. A radiation dose record kept in pursuance of the said Regulation 24(1) shall, as respects each classified worker, contain the following particulars, namely—

(*a*) (i) the name of the occupier;
(ii) the address of the place of employment;

(*b*) (i) the full names of the worker;
(ii) the address of the worker;
(iii) the date of birth of the worker;
(iv) the figure calculated by multiplying by five the number of years (counting any uncompleted year as one year) from the first day of January of the year in which the worker attained the age of eighteen;
(v) the dates of commencement and termination of periods of protected employment (or employment which, if it had occurred after the coming into operation of any Regulations under the principal Act, would have been protected employment) of worker with previous employers and (shown separately) with present employer;

(*c*) in respect of doses at or near parts of the body (other than the hands, forearms, feet, ankles and eyes) where a film is worn at or near any such part—
(i) the sum of doses from X-rays and gamma rays to the end of the last completed calendar quarter of protected employment calculated from the records of doses received in present employment and from any transfer record obtained in pursuance of Regulation 31 of the Regulations, and including any doses deemed to have been received by the worker in accordance with paragraph 2(3) of the Schedule to the Regulations;

(a) S.R. & O. (N.I.) 1962, No. 124.

(ii) the maximum permissible sum of doses from X-rays and gamma rays during the current calendar quarter, calculated in accordance with paragraph 2 of the Schedule to the Regulations (that is three rads in air except where the figure calculated by subtracting the latest figure recorded by virtue of paragraph (*c*)(i) from the latest figure recorded by virtue of paragraph (*b*)(iv) is less than three, when the maximum permissible sum of doses will be that number of rads in air);

(iii) the sum of doses from X-rays and gamma rays during any period of protected employment since the end of the last completed calendar quarter of such employment, copied from any transfer record obtained as aforesaid;

(iv) the sum of doses from aggregated radiation during the said period of protected employment as aforesaid, copied from any transfer record obtained as aforesaid;

(v) the period covered by each certificate obtained in pursuance of Regulation 23(2) of the Regulations;

(vi) the dose from X-rays and gamma rays recorded in each of the said certificates or, as the case may be, the dose from X-rays and gamma rays recorded in each of the said certificates as not having been exceeded;

(vii) the dose of aggregated radiation recorded in each of the said certificates or, as the case may be, the dose of aggregated radiation recorded in each of the said certificates as not having been exceeded;

(viii) the sum of the doses recorded by virtue of paragraph (*c*)(iii) and (*c*)(vi) during and at the end of each calendar quarter, taking into account the provisions of Regulation 24(3) of the Regulations and including at the end of each calendar quarter any dose deemed to have been received by the worker in accordance with paragraph 2(3) of the Schedule to the Regulations;

(ix) the sum of the doses recorded by virtue of paragraph (*c*)(iv) and (*c*)(vii) during and at the end of each calendar quarter, taking into account the provisions of Regulation 24(3) of the Regulations;

(*d*) in respect of doses at or near the surface of the eyes where a film is worn near the surface of the eyes:—

(i) the sum of doses from X-rays, gamma rays, beta particles of maximum energy exceeding 2·5 MeV., electrons and positrons to the end of the last completed calendar quarter of protected employment calculated from the record of doses received in present employment and from any transfer record obtained in pursuance of Regulation 31 of the Regulations and including any doses deemed to have been received by the worker in accordance with paragraph 2(3) of the Schedule to the Regulations;

(ii) the maximum permissible sum of doses from X-rays, gamma rays, beta particles of maximum energy exceeding 2·5 MeV., electrons and positrons during the current calendar quarter, calculated in accordance with paragraph 2 of the Schedule to the Regulations (that is, three rads in air except where the figure calculated by subtracting the latest figure recorded by virtue of paragraph (*d*)(i) from the latest figure recorded by virtue of paragraph (*b*)(iv) is less than three, when the maximum permissible sum of doses will be that number of rads in air);