Radiation Dosimetry Report

1. Within an account, a permanent number assigned by Landauer identifies each individual.

2. Participant's personal information consisting of name, ID number, birth date, and sex.

3. Landauer dosimetry type according to monitoring needs.

4. The use or location on the body for which the dose is given.

“Note” in this column indicates a message explaining any abnormalities, imaging and reanalysis results, or elected optional features, and is printed on a separate line below the dosimeter exposure information.

5. Radiation type, and in some cases energy of radiation contributing to whole body dose equivalent.

6. The dose equivalent columns report the current and accumulated exposures for deep, lens of eye, and shallow dose equivalents. Bimonthly service will not have quarterly accumulation.

DDE - Deep dose equivalent applies to external whole-body exposure at a tissue depth of 1 cm (1,000 mg/cm²).

LDE - Eye dose equivalent applies to the external exposure of the lens of the eye at a tissue depth of 0.3 cm (300 mg/cm²).

SDE - Shallow dose equivalent applies to the external exposure of the skin or an extremity, and at a tissue depth of 0.007 cm (7 mg/cm²) averaged over an area of one square centimeter.

7. Number of times that a participant has appeared on Landauer reports during the current year, including absentee reports and corrections.

8. The date Landauer began keeping dosimeter records for a given dosimeter for a badging participant on the current account.

9. This is an example of a special dose calculation (EDE 1) applied to a participant who wears a collar and a waist dosimeter with a lead apron.

10. This is an example of a dosimeter that was not returned for processing for the wear period and Absentee Reporting service was elected for the account.

11. This is an example of a dose for a dosimeter from a calculation supplied by a customer rather than from a Landauer dosimeter analysis. Minimum Dose Equivalent Reported - Dose equivalents for the current monitoring period below the minimum reportable quantity are recorded as “M.” The minimum reportable quantity depends on the dosimeter type and quality of radiation.