

(b) Scrap will be stored as follows:

(1) Scrap in the form of powder will be stored dry and unmoderated as prescribed in Section 4.4, (c), (1), above.

(2) Scrap in the form of solid compacts of uranium oxide and matrix metal will be stored either as prescribed in Section 4.4, (c), (1), or 4.4, (c), (3), above.

(3) Scrap in the form of clad fuel plates will be stored as prescribed in Section 4.4, (c), (3), above.

(4) Scrap in the form of assembled fuel elements will be stored as prescribed in Section 4.4, (c), (3), above.

(5) Liquid waste from the chemical analysis of uranium samples will be stored in polyethylene containers in concentrations of not more than 5 grams of uranium per liter of solution. The quantity of material stored in solution will be limited to 250 grams or less of contained U-235. If circumstances require the accumulation of more than 250 grams of contained U-235 in waste from chemical analysis, liquid waste will be reduced to dryness in batches containing not more than 250 grams of U-235. Liquid waste will be stored as prescribed in Section 4.4, (c), (4), above. Dry waste will be stored as prescribed in Section 4.4, (c), (1), above.

(c) Shop waste containing traces of radioactive material in quantities too small to be economically recoverable will be disposed of by burial on the Curtiss-Wright Corporation site at Quehanna, Pennsylvania, in accordance with Section 20.304 of Title 10, Code of Federal Regulations, Part 20.

#### Section 5.6 Isotopic Segregation

(a) Each lot of raw material will be labeled with the U-235 isotopic enrichment of the material and will be segregated from material of other isotopic enrichments.

(b) Process material will be assigned identifying serial numbers which associate production items with specific lots of raw material whose U-235 isotopic enrichment is known. Material for each production order will be segregated from material for other production orders.

(c) All raw material and all material in process will be handled as though it were fully enriched uranium unless there is reliable evidence immediately available to indicate that its U-235 content is less than fully enriched uranium.

(d) Scrap from each production order will be segregated from the scrap accumulated on other production orders. Each container of scrap material will be conspicuously labeled with the isotopic enrichment of the uranium contained.

#### Section 5.7 Emergency Procedures

(a) This section contains procedures to be followed in case of an accident which causes contamination of the floor and/or equipment, airborne contamination, fire, and accidental criticality.

(b) In case of an accident which results in suspected contamination of the floor and/or equipment, but which does not release airborne contamination, the