

M&amp;C No. 85-2

## DISPOSAL OF OBSOLETE RADIOLOGICAL INSTRUMENTS

State M&C Facilities should salvage usable components of obsolete instruments, when economical. For example, the GM tube, complete probe assembly, transformer, and indicating meter of the obsolete CD V-700 instrument can be used on the standard model CD V-700 instruments. Therefore, retain these useful parts for repairs. Continue disposing obsolete radiological instruments of any type or model to educational institutions or to related organizations as the primary means for removing these instruments from the system.

Process all instruments being disposed of intact, excluding those being issued to educational institutions, as follows:

- Remove or completely cover the civil defense decal with an opaque material so that it is not visible.
- Remove or completely cover the civil defense identification and instrument nomenclature with an opaque material.
- Take any other appropriate action to prevent the instruments from being identified with those assigned for "operational" use.
- Dispose of all obsolete instruments and unusable components of salvaged instruments according to applicable State regulations.

In addition to the above, dispose of the operational check sources on the case bottoms of all obsolete CD V-700 instruments through special procedures. (Instruments being disposed of intact to educational institutions or related organizations are exempt from this requirement.) On Models 1, 2, and 4, remove the intact source along with the attached portion of the case bottom by cutting the case bottom with the tin shears furnished as part of the shop equipment. The thick cast aluminum case on Model 3 prohibits using this removal method. Removing the plastic cover over the source and scraping out the powered uranium material is prohibited. You may dispose of the intact case bottom from the Model 3 or use a 1 1/4-inch hole saw to remove a circular disk of the case containing the operational check source. When you have accumulated a sufficient quantity of sources, dispose of them through either a State radioactive waste-handling organization or the FEMA Isotopes Chairperson. You may arrange for the latter procedure by submitting a written request to the Chairperson of the FEMA Isotopes Committee.

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Thanks

Eric Green

The Civil Defense Museum