1. **Current Occupational External Radiation Exposure**

Before entering a TVA nuclear facility, all individuals are assigned a dosimeter which will record any exposure to radiation.

Prior to 1978, the dosimeter contained film which was sent to Radiological Hygiene Branch after exposure where a densitometer reading was prepared showing the amount of individual exposure. The raw data was keypunched into the computer where it was interpreted and converted to units of radiation exposure, thereby producing the Current Occupational External Radiation Report.

Presently, the dosimeter contains chips which are sent to Radiological Hygiene Branch after exposure. The chips are read by a therloluminescence reader and the data are transmitted to a cassette tape. The raw data are generated monthly on a printout are edited and fed into the computer data base and stored on a magnetic tape. The computer generates two originals of the Current Occupational External Radiation Exposure Report.

These records are filed chronologically by plant. Since 1970, the accumulation is 14.7 cubic feet.
1. **Disposition:**

   a. **Film** — Radiological Hygiene Branch — Destroy when 10 years old (unless review at that time suggests longer retention).

   b. **Raw Data** — Radiological Hygiene Branch — Destroy when 100 years old (unless review at that time suggests longer retention).

   c. **Current Occupational External Radiation Report**

      1. **Health Physics Unit**

         i. **First Original** — Destroy when 3 years old.

         ii. **Xerox Copy** — Destroy when three years old.

   d. **Radiological Hygiene Branch**

      Destroy when 100 years old (unless review at that time suggests longer retention).

      Transfer to the Federal Records Center when 20 years old.

   e. **Cassette Tape** — Reuse after six months.

   f. **Magnetic Tape** — Destroy when 20 years old. **(permanent, other than NARS when 100 years old)**

   g. **Microfiche** — Destroy when 100 years old (unless review at that time suggests longer retention). Transfer to FRC when 20 years old.

[This certifies that the records described on this form will be microfilmed in accordance with the standards set forth in 41 CFR 101-11.506]