

START

5.1.3

100-FR-1 Tele. Conv. 0015469 090
DOCUMENT NAME: Dog Studies in the 100-F Area
AUTHOR K. Brewer DOC NO. _____
DATE 6/18/90 *gab*

TELEPHONE CONVERSATION RECORD

CALL TO: Jim Parks/PNL/(509) 376-3375
CALL FROM: Kathy Brewer/CH2M HILL
DATE: June 18, 1990
TIME: 2:00 PM
PROJECT: CVO30419.B0.02
SUBJECT: Dog Studies in the 100-F Area

Jim Parks worked at the animal research facilities in F Area from 1961 to 1976. He said that the main isotopes used in the dog studies were plutonium 238 and 239. Small amounts of cerium and iodine were also used.

Most of the animal excrement would have been retained in the metabolism cages. Most of this excrement was used for analysis. He said that any that was not used probably went into radiation boxes for burial, but he was not certain on this point.

The dog carcasses were also used in the lab for analysis. The procedure consisted of ashing the carcass in a muffle furnace and then continuing the digestion with an acid. The final white ash that was produced was used in the radionuclide analysis. He said that he would guess that 95 percent of the carcasses and excrement underwent this process. The waste from the lab was disposed of in radiation boxes and buried.

Mr. Parks was not familiar with the landfill area or the incineration tanks. His laboratory facilities were in the 144-F building.

