FACTSHEET HUMAN EXPERIMENTATION-106 (SFS1.001)

Project Name: Some Biological Aspects of Radioactive Microspheres

Date Started:
Date Terminated:

Institution: Los Alamos Scientific Laboratory
Funding Source(s): AEC

Identification: W-7405-ENG-36
Project Duration:
Principal Investigator(s):

Responsible Government Official(s): Charles L. Dunham, M.D.

Objective(s) of Project: To determine the biological aspects of uranium-235 microspheres in humans.

Short Description: All pyrocarbon-coated $^{235}UC_2$ particles and about 85 cent of uncoated ones appeared to maintain their integrity for 24 hours gastric juice. Mean transit time of uncoated spheres through the gastrointestinal tract of 57 normal adults was 34.5 for 16.6 hours. Their high density (~10.3) does not seem to be a factor in rate of passage.

Follow-up Data:

References: NSA 42258 (1965)

Attachment(s):