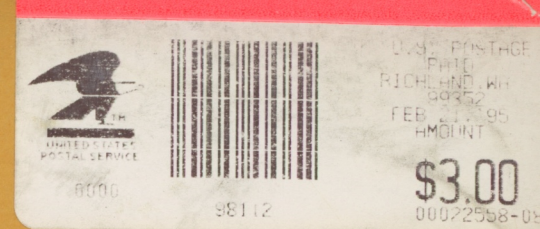


Handford Nursery Sculpture Works
1970 Saint
Richland, WA
99352



Janet and Edward Galore
948 - 18th Ave. East
Seattle, WA 98112



Happy B'day
Janet
love
Acord

Enclosed is the information you requested from:
Initiatives November 1994

3

James L. Acord
Hanford Nuclear Sculpture Works
CEO-Owner-Radiation Safety Ofcr
P.O. box 159
Richland, WA 99352

28571

← 18 in. →
Figure 1. Schematic diagram of a
300-kiloton thermonuclear *Birthday*
cake for Janet Galore before

detonation. Concentric spheres near the
top make up the primary system, or fis-
sion trigger. The rest is the secondary
system.



Figure 2. The fissile *cake* is squeezed to
more than double its normal density, going
supercritical. Neutrons fired from a high-
voltage vacuum tube start a chain reaction
in the fissile material. The chain reaction
concentrates first in the fast-fissioning
Plutonium-239 (*Cake*).



30 candles

of the third stage. A fireball begins to
develop....