

TABLE V-5

Non-Nuclear Occupational Injuries During Construction of New Facilities^a

<i>Alternative</i>	<i>Construction of Processing Facilities</i>	<i>Fabrication of Transportation Casks and Vehicles</i>	<i>Construction of Storage Facilities</i>	<i>Total for Campaign</i>
Alternative 1 -				
Continue storage in tanks	Not applicable	Not applicable	1600 ^b 17	1600 17
Alternative 2, Subcase 1 -				
Process to glass; ship to offsite geologic disposal ^c	460 5	39 0.5	28 0.4	530 5.9
Alternative 2, Subcase 2 -				
Process to glass; surface storage at SRP ^c	460 5	Not applicable	130 1.4	590 6.4
Alternative 2, Subcase 3 -				
Process to glass; disposal in SRP bedrock cavern ^c	460 5	Not applicable	88 1.1	550 6.1
Alternative 3 -				
Slurry liquid waste into SRP bedrock cavern	Not applicable	Not applicable	180 2.2	180 2.2

a. Two annual numbers are given in each column for each alternative: top numbers are major injuries; bottom numbers are deaths.

b. These include construction of new tanks every 50 years during the 300-year period.

c. These numbers were developed specifically for glass waste forms, but should be quite similar for most of the other immobilization forms being investigated.