1963

1836 General

TABLE I

Table I. Chemical Analysis* of Los Alamos Tuff

	%	
SiO_2	73.6	
Al_2O_3	13.1	
Fe_2O_3	1.9	
FeO	0.25	
MgO	0.32	
CaO	0.51	
Na_2O	3.9	
K_2O	4.6	
H_2O	1.3	(chemically bound)
TiO_2	0.26	
P_2O_5	0.06	
MnO	0.06	
CO_2	>0.05	

* Rapid Rock Method
Christenson and Thomas, 1962[38]

12055

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#50

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*Rapid Rock Method

Laboratory results[1] have indicated that essentially all of the plutonium in the wastes applied to selected tuff cores was retained in the top 1/4 inch of the core and that the sorbed plutonium resisted leaching by ordinary means. There was an indication that such chemicals as versene, high molarity acids and solutions of potassium salts might move plutonium species through the tuff.