TABLE II-17

Status of R and L Reactor Areas

	Status
Assembly Area	
Stored fuel assemblies	Removed, stored elsewhere
Center Section	
Reactor tank	In place, closed except for ventilation.
Irradiated components	Entirely removed with minor exceptions.
Fuel and targets	
Control, safety, and miscellaneous rods	
Reactor metal shielding	In place.
D_2O coolant	Drained to drums; D_2O spaces flushed with H_2O and air or vacuum dried.
Surface deposits	In situ (all systems).
Water systems	
Cooling water systems	Main headers left full; remainder drained (no flush).
Inhibitor systems	Drained, flushed.
Shield systems	Drained (no flush).
Exterior of reactor tank	Left as it was.
Area contamination	Remains (gross contamination painted over to hold it in place).
Purification Area	
Deionizers, prefilters, afterfilters	Removed and sent to Burial Ground.
Turbidity removal evaporator	Drained and sealed in place.
Distillation system	Drained, flushed, and left isolated.
Piping, pumps, auxiliary equipment	Drained and flushed.
Fuel and Target Storage Basin	
Irradiated components	All inventoried items removed.
Sludge and debris on floor	Obvious pieces retrieved and removed from the area. Sludge and hidden debris remain.
Emergency Basin (R)	Major radioactivity and fissile material removed. Basin drained, floor covered with 30 ft of clay and 6-12 inches of concrete to retain residual radioactivity.