TABLE 9.2-1 (REVISED)

Storage Tank and Sumps Description

Service/Purpose	Tank Type	Working Capacity US Gal	Diameter ft	Height ft	Design Standard	Secondary Containment
Anhydrous Ammonia Storage Tank Store liquefied ammonia for use in SCR air pollution control system	Horizontal, cylindrical pressure vessel	12,000	7.0	45' long	ASME BPVC, Section VIII, Div I (365 psig)	Concrete Wall
BFW & Condensate Storage Tank Storage for BFW and condensate returned from Refinery, prior to polishing treatment in demineralizer system	Vertical, cylindrical atmospheric above-ground tank	500,000	52.0	32.0	API 650 or AWWA	None
Demineralized Water Storage Tank Provide supply of BFW makeup in the event that water delivery or treatment is temporarily interrupted	Vertical, cylindrical atmospheric above-ground tank (open-vented)	100,000			API 650 or AWWA	None
Neutralization Tanks Collect demineralization Regeneration wastes to adjust pH as necessary for discharge to Refinery biological waste water treatment system	Vertical, cylindrical atmospheric above ground tank -(open vented)	50,000ea; 100,000 total	16.0	34.0	ANSI	None