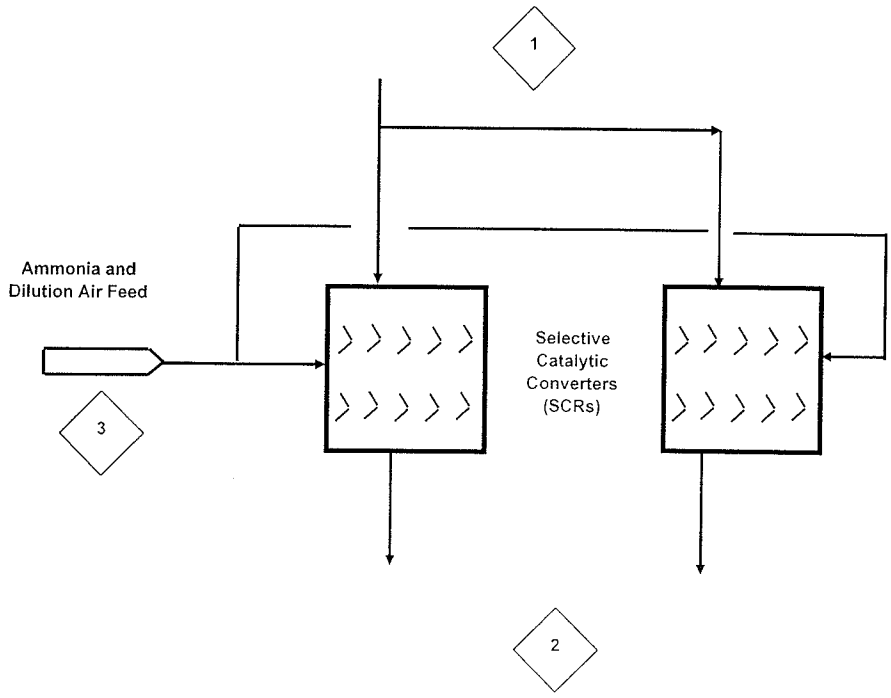
Client: Santee Cooper
Project Name: Pee Dee
Fuel: 2.5%Sulfur, 12,500 Btu/Lb, 10% Ash



All flows are total for the plant.

Stream	1		2		3	
Component Lb/hr	SCR Inlet		SCR Outlet		Ammonia/Dilution Air	
	Mass	Mole	Mass	Mole	Mass	Mole
NH3	0	0	6	0	958	56
Total Gas Flow, Wet	5,914,811	199,088	5,949,665	200,358	34,854	1,264
Total Gas Flow, Dry	5,626,007	183,057	5,656,890	184,107	32,395	1,127
Ash	39,844		39,844			
Total Stream Mass Flow	5,954,655		5,989,509		34,854	
Gas Flow, ACFM	2,962,234		3,033,794		10,851	
Temp, deg F	740		735		250	
Static Pressure, in wg	-7		-15		4	

Client: Santee Cooper
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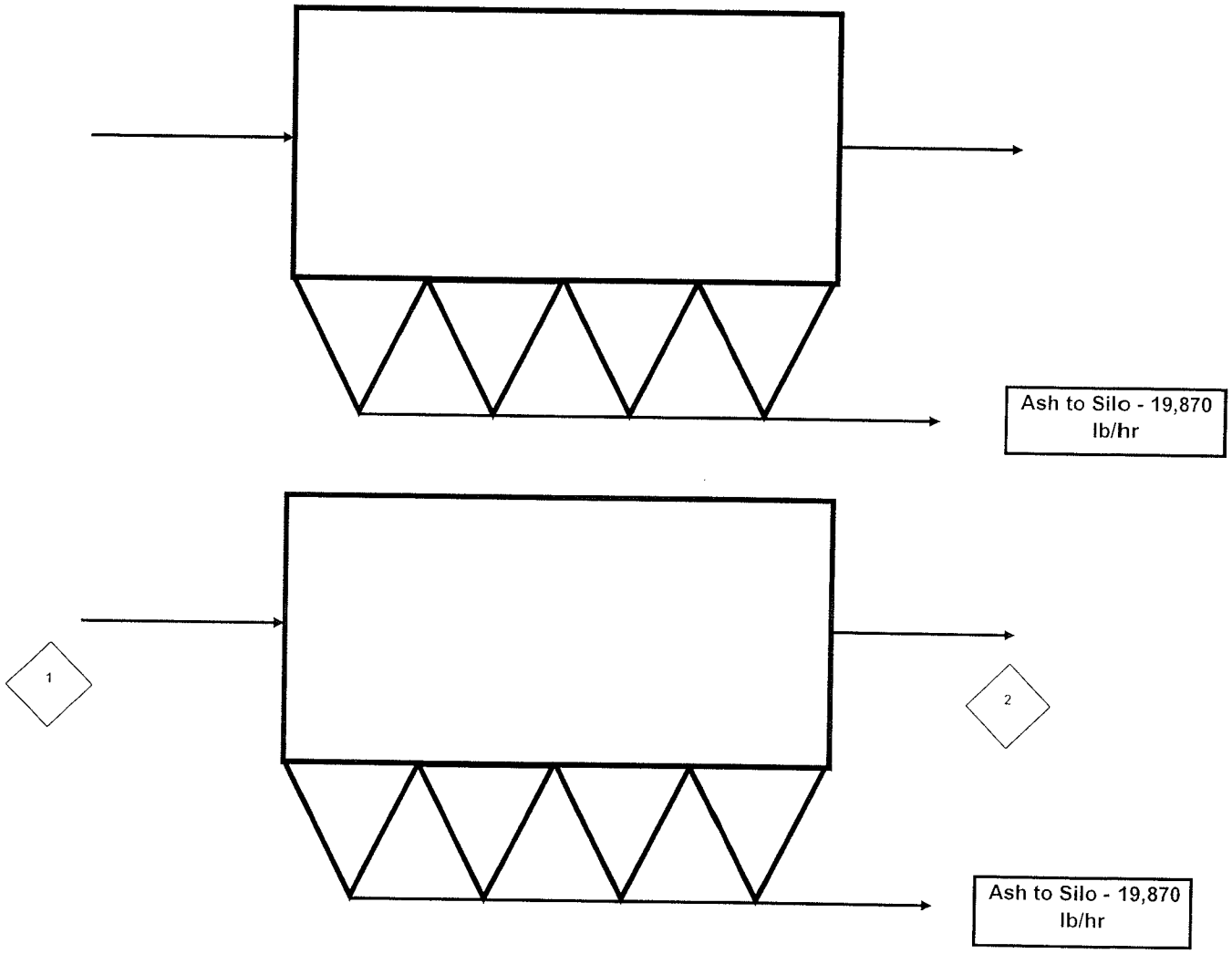

Electrostatic Precipitators (ESPs)

All flows are total for the plant.

Stream	1		2	
Component Lb/hr	Precipitator Inlet (Total Flow)		Precipitator Outlet (Total Flow)	
	Mass	Mole	Mass	Mole
Total Gas Flow, Wet	7,124,287	241,284	7,200,565	243,942
Total Gas Flow, Dry	6,813,951	224,058	6,889,089	226,652
Ash	39,844		101	
Total Stream Mass Flow	7,164,130		7,200,666	
Gas Flow, ACFM	2,230,662		2,246,170	
Temp, deg F	255		245	
Static Pressure, in wg	-23		-27	