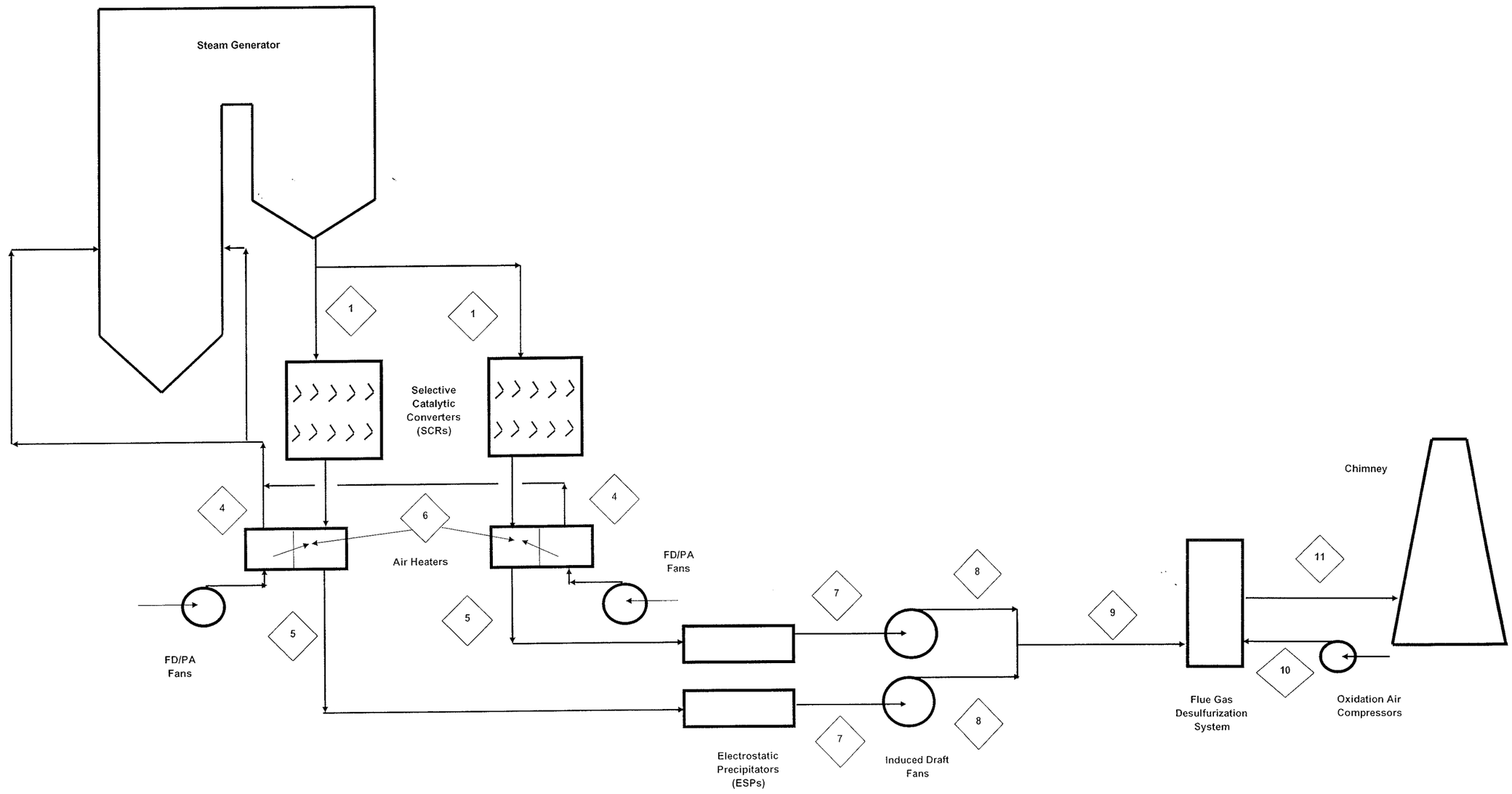
FORM EP3-3 8/00

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		4		5		6		7		8		9		10		11	
Component Lb/hr	Economizer Outlet		Flue Gas to Air Heater		Air Heater Gas Outlet		Air Heater Air Leakage		ID Fan Suction		ID Fan Discharge		Flue Gas to FGD Absorber		Sat'd Ox Air with Quench Water		Flue Gas Entering Stack	
	Mass	Mole	Mass	Mole	Mass	Mole	Mass	Mole	Mass	Mole	Mass	Mole	Mass	Mole	Mass	Mole	Mass	Mole
Total Gas Flow, Wet	5,914,811	199,088	5,949,665	200,358	7,124,287	241,284	1,174,622	40,926	7,200,565	243,942	7,200,565	243,942	7,200,565	243,942	52,001	1,833	7,477,263	258,749
Total Gas Flow, Dry	5,626,007	183,057	5,656,890	184,107	6,813,951	224,058	1,157,061	39,951	6,889,089	226,652	6,889,089	226,652	6,889,089	226,652	50,193	1,733	6,927,202	228,216
Ash	39,844		39,844		39,844		0		101		101		101				26	
Total Stream Mass Flow	5,954,655		5,989,509		7,164,130		1,174,622		7,200,666		7,200,666		7,200,666		52,001		7,477,370	
Gas Flow, ACFM	2,962,234		3,033,794		2,230,662		270,943		2,246,170		2,111,343		2,113,887		n/a		1,854,861	
Temp, deg F	740		735		255		95		245		267		267		138		128	
Static Pressure, in wg	-7		-15		-23		9		-27		10		10		440		0.0	

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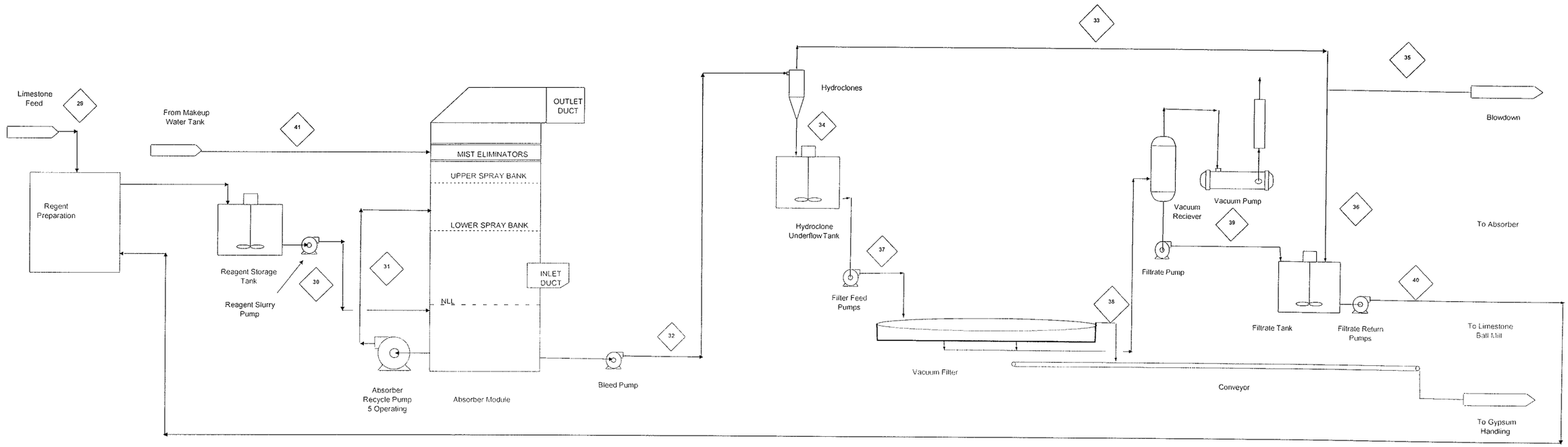

All flows are total for the plant.

Stream	29	30	31	32	33	34	35	36	37	38	39	40	41
Component lb/hr	Limestone Slurry to Absorber	Limestone Slurry to Absorber	Recycle Pump Discharge Per Spray Level	Bleed Flow	Hydrocyclone Overflow	Hydrocyclone Underflow	Overflow to Blowdown	Overflow to Filtrate Tank	Total Vacuum Belt Filter Feed	Cake to Stackout Conveyor	Vacuum Belt Filter Filtrate	Filtrate to Ball Mill and Absorber	Make-Up Water to Absorber
	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr	lb/hr		lb/hr	lb/hr	lb/hr	lb/hr
Total Flow	41,268	127,371	22,308,629	382,807	268,796	113,011	9,496	260,300	113,011	71,663	75,389	339,698	285,319
Flow, gpm	n/a	210	37,052	636	487	149	17	470	149	n/a	143	613	535
Specific Gravity	n/a	1.2	1.2	1.2	1.1	1.5	1.1	1.1	1.5	1.9	1.1	1.1	1.0