TABLE 1
LIST OF INSIGNIFICANT ACTIVITIES

Public Service Company of New Hampshire
Merrimack Station
Bow, New Hampshire

Insignificant Activity	Annual Actual Emissions (pounds)	Notes
Solvent Cold Cleaning Station 1	534.6	81 gallons per year of solvent loss per 45 gallon machine
Solvent Cold Cleaning Station 2	534.6	81 gallons per year of solvent loss per 45 gallon machine
Solvent Cold Cleaning Station 3	534.6	81 gallons per year of solvent loss per 45 gallon machine
Solvent Cold Cleaning Station 4	534.6	81 gallons per year of solvent loss per 45 gallon machine
Solvent Cold Cleaning Temporary Units (3 units <60 days)	263.6	81 gallons per year of solvent loss per 45 gallon machine 3 units @ 60 days
Slag Tank Warm-up Lines MK1 and MK2	NA	Bypass of boiler exhaust to warm Slag Tanks. Emissions accounted for in boiler emissions
600-Gallon Gasoline Tank Vehicle Fueling	71.1	3500 gallons @ 20.3 lb / 1000 gallons
Shot Hoppers Ash Dumping	No Data	Normally reinjected into boiler w/o dumping. Dumping only occurs during start-up or when there are problems with the pneumatic ash transfer system. See Fly Ash Tank unloading.
SCR Economizer Hoppers Ash Dumping	No Data	Normally reinjected into boiler w/o dumping. Dumping only occurs during start-up or when there are problems with the pneumatic ash transfer system. See Fly Ash Tank unloading.
SCR Reactor Hoppers Ash Dumping	No Data	Normally reinjected into boiler w/o dumping. Dumping only occurs during start-up or when there are problems with the pneumatic ash transfer system. See Fly Ash Tank unloading.
Chemical Lab Hood Vents	No Data	Negligible emissions
House Vacuum System w/ baghouse	0.3	0.00034 lb/ton for controlled pneumatic transfer of cement at up to 1000 tons of material collected by vacuum
Crusher House Propane Heating System	419.1	1.343 MMBTU/hr propane, 25% capacity @ 5110 hours/yr @ 22.35 lb/1000 gallons
Warehouse A #2 Fuel Oil Heating Furnace System	258.4	0.35 MMBTU/HR #2 fuel oil, 25% capacity @ 5110 hours/yr @ 80.91 lb/1000 gallons
Warehouse E Propane Heating System (2 propane units @ 0.08 MMBTU/Hr each)	49.9	0.16 MMBTU/hr propane, 25% capacity @ 5110 hours/yr @ 22.35 lb/1000 gallons
Yard Services Building #2 Fuel Oil Heating System	206.7	0.28 MMBTU/HR #2 fuel oil, 25% capacity @ 5110 hours/yr @ 80.91 lb/1000 gallons
Boiler Chemical Cleaning, Water Side MK1 and MK2, once every 5 years	No Data	Negligible - Boiler tubes are cleaned using 5% HCL solution @ 150 - 180 F. Wastewater is discharged to wastewater treatment for neutralization.
Diesel/#2 Fuel Oil Storage and Vehicle Fueling (2 Tanks @ 8000 gallons each)	No Data	Negligible - Diesel fuel has low volatility
Jet Fuel (JP-4) Storage (4 tanks @ 40,000)	No Data	Negligible - Jet fuel has low volatility
Fly Ash Disposal	64.9	Truck Dumping at on-site landfill 2838 tons@ 0.0123 lb/ton using AP-42 C.13.2.4 U=5.42 mi/hr M = 0.25%
Fly Ash Silo Dust Collectors (2 silos)	8.4	0.00034 lb/ton for pneumatic cement silo loading @ 24593.4 tons/yr in 2008
Limestone Silo Dust Collector	0.02	0.00034 lb/ton for pneumatic cement silo loading @ 110,000 lb/yr in 2008
Vermiculite Silo Dust Collector	0.3	0.00034 lb/ton for pneumatic cement silo loading @ 1000 ton/yr maximum
PAC Silo Dust Collector	0.0	No PAC in 2008
Ammonia Storage and Distribution Systems (5 tanks + ancillary equipment)	< 100 lb	Fugitive losses from tank loading 8 fl oz (0.36 lb) per rail car load up to 275 loads per year
Fly Ash Tank Unloading (two unloading stations)	562.2	Truck loading from overhead hoppers 24593.4 tons@ 0.02286 lb/ton using AP-42 C.13.2.4 U=5.42 mi/hr M = 0.25%
Coal Handling / Unloading Systems	303.6	2008 Coal Handling / Unloading Emissions

Notes:
1. Solvent cold cleaning emissions data from Safety Kleen.
2. Slag tank warm-up lines exhaust through individual vents. See Title V application for emission estimates.
3. Gasoline transfer, storage and dispensing emissions estimated from USEPA AP-42 Chapter 5.2
4. Silo emissions estimated from USEPA AP-42 Chapter 11.12
5. Bulk material loading and unloading estimated from UPEAP AP-42 Chapter 13.2.4.