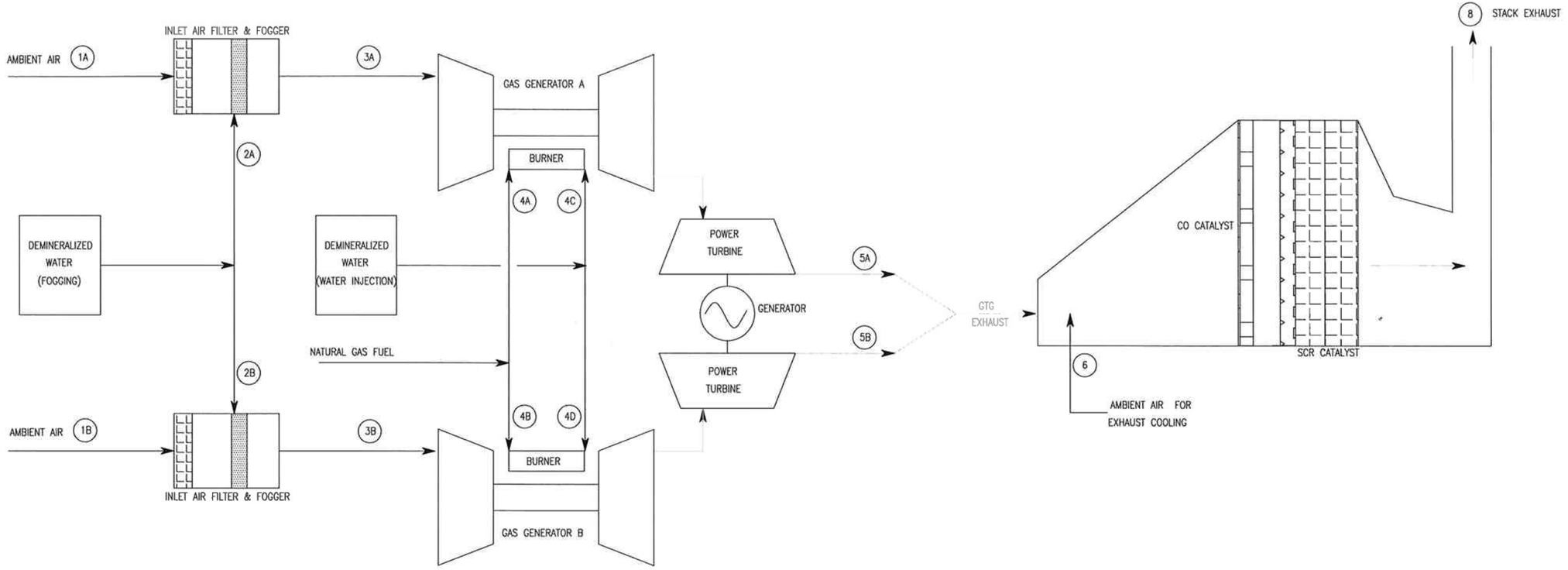
REV	DATE	DESCRIPTION	BY	APP
A	8/24/06	INITIAL ISSUE	RAR	DAT



Conditions: ISO, 100% POWER, 410 FT ALTITUDE
GROSS POWER (PER UNIT): 60,020 KW
GROSS HEAT RATE (HHV): 10,357 BTU/KW-HR
GROSS HEAT INPUT (HHV) PER GT: 310.8 MMBTU/HR

PARAMETER	UNITS	1A Intake Air Unit A	1B Intake Air Unit B	2A Fog Water Unit A	2B Fog Water Unit B	3A Inlet Air Unit A	3B Inlet Air Unit B	4A Gas Fuel Unit A	4B Gas Fuel Unit B	4C Water Inj Unit A	4D Water Inj Unit B	5A Exhaust Unit A	5B Exhaust Unit B	6 Cooling Air to Exh	8 Stack Exhaust
TEMP DB	DEG F	59	59			51.8	51.8					905	905	59	750
TEMP WB	DEG F	51.8	51.8			51.8	51.8							51.8	
PRESSURE	PSIA	14.48	14.48			14.48	14.48							14.48	14.48
FLOW	PPH	695,450	695,450	1,150	1,150	696,600	696,600	13,620	13,620	12,185	12,185	718,560	718,560	357,480	1,794,600

NOTES:

1. THE HEAT/MASS BALANCE SHOWN IS FOR ONE SWIFT PAC UNIT. THE MIDWAY SITE WILL HAVE TWO SWIFT PAC UNITS. THEREFORE, THE FLOW RATES AND POWER OUTPUTS INDICATED IN THE TABLE ARE ACTUALLY 2x HIGHER FOR THE SITE.

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STARWOOD POWER - MIDWAY, LLC PEAKING PROJECT

FT8-3
Figure 3.4-3C **MASS/HEAT BALANCE (ISO CONDITIONS)**

2006