# Table VII - A Applicable Limits and Compliance Monitoring Requirements S-1, GAS TURBINE #1 S-2, GAS TURBINE #2

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		,,,,
NOx	BAAQMD	N	125 ppm	BAAQMD	С	CEM	x	
	9-3-303			1-520.1				
NOx	BAAQMD	N	9 ppmv @ 15% O2, dry	BAAQMD	С	CEM		
	9-9-			9-9-501			X	
	301.1.3							
NOx	SIP	Υ	9 ppmv @ 15% O2, dry	SIP 9-9-501	С	CEM	X	
	9-9-301.3							
NOx	BAAQMD	N	0.15 LB/MMBTU or 5 ppmv	BAAQMD 9-9-	С	CEM	v	
	9-9-301.2			501			X	
NOx	NSPS, 40	Υ	75 ppmv @ 15% O2, dry, 4-	NSPS 40 CFR	С	CEM		
	CFR		hour rolling average	60.334(c.)			v	
	60.332						X	
	(a)(1)						_	
		Υ	None	40 CFR 75.10	С	CEM	x	
NOx	BAAQMD	Υ	19.2 lb/hr for each	BAAQMD	С	CEM		•
	condition		turbine/HRSG powertrain,	condition				
	#18310,		except during turbine	#18310, Part			X	
	part 20a		startup and shutdown	27b				
NOx	BAAQMD	γ	19.2 lb/hr for each	BAAQMD	P/A	Source Test at		
	condition		turbine/HRSG powertrain,	condition		maximum load		
	#18310,		except during turbine	#18310, Part			X	
	part 20a		startup and shutdown	31				
NOx	BAAQMD	Υ	0.00904 lb/MM BTU for	BAAQMD	С	CEM		
	condition		each turbine/HRSG	condition				
	#18310,		powertrain, except during	#18310, Part			v	
	part 20a		turbine startup and	27b			X	
			shutdown					
		<u></u>	(See Note Below) <sup>1</sup>					

<sup>&</sup>lt;sup>1</sup> On July 25, 2012, MEC filed a Title V deviation for an indicated excess. On July 20, 2012 while the CEMS was in maintenance and performing multiple calibrations, the analyzer was incorrectly placed into normal operations mode for one minute. During this minute (11:55) calibration gas had not purged the system and the NOx concentration was 89.60 ppm. This high reading skewed the hourly average concentration and mass emissions for the hour. (See attached letter dated 07/25/2012).

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре	165	110
NOx	BAAQMD	Y	0.00904 lb/MM BTU for	BAAQMD	P/A	Source Test at		
	condition		each turbine/HRSG	condition		maximum load		
	#18310,		powertrain, except during	#18310, Part			X	
	part 20a		turbine startup and	31				
			shutdown					
NOx	BAAQMD	Y	2.5 ppmv, @ 15% O2, dry,	BAAQMD	P/A	Source Test at		
	condition		for each tubine/HRSG	condition		maximum load		
	#18310,		powertrain, 1-hr average	#18310, Part			X	
	part 20b		except during turbine	31				
			startup and shutdown					
NOx	BAAQMD	Y	2.5 ppmv, @ 15% O2, drγ,	BAAQMD	С	CEM		
	condition		for each tubine/HRSG	condition				
	#18310,		powertrain, 1-hr average	#18310, Part			x	
	part 20b		except during turbine	27b			^	
			startup and shutdown					
			(See Note Below) <sup>2</sup>					
NOx	BAAQMD	Y	240 lb/gas turbine start-up	BAAQMD	С	CEM		
	condition			condition			v	
	#18310,			#18310, Part			<b>X</b> .	
	part 21			27b				
NOx	BAAQMD	Y	480 lb/hr during gas turbine	BAAQMD	' с	CEM		
	condition		cold start-up or combustor	condition			x	
	#18310,		tuning period	#18310, Part			^	
	part 21			27b				
NOx	BAAQMD	Y	80 lb/gas turbine shutdown	BAAQMD	С	CEM		
	condition			condition			x	
	#18310,			#18310, Part			^	
	part 21			27b				
NOx	BAAQMD	Y	1362.6 lb/day for S-1, S-3	BAAQMD	С	CEM		
	condition		Gas Turbines and S-2, S-4	condition			x	
	#18310,		HRSGs, combined	#18310, Part			^	
	part 24a			27b				

<sup>&</sup>lt;sup>2</sup> On July 25, 2012, MEC filed a Title V deviation for an indicated excess. On July 20, 2012 while the CEMS was in maintenance and performing multiple calibrations, the analyzer was incorrectly placed into normal operations mode for one minute. During this minute (11:55) calibration gas had not purged the system and the NOx concentration was 89.60 ppm. This high reading skewed the hourly average concentration and mass emissions for the hour. (see attached letter dated 07/25/2012).

				Monitoring	Monitoring		Comp	liance
Type of Limit	Citation of Limit	FE Y/N	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
NOx	BAAQMD	Υ	123.4 ton/yr for S-1, S-3	BAAQMD	С	CEM		
	condition		Gas Turbines and S-2, S-4	condition				
	#18310,		HRSGs, combined	#18310, Part			x	
	part 25a		(including emissions from	27b		1		
			commissioning period)					
со	BAAQMD	Υ	18.7 lb/hr, for each	BAAQMD	P/A	Source Test at		
	condition		turbine/HRSG powertrain,	condition		maximum load		
	#18310,		except during turbine	#18310, Part		and minimum	X	
	part 20c		startup and shutdown	31		load		
со	BAAQMD	Y	18.7 lb/hr, for each	BAAQMD	С	CEM		
	condition		turbine/HRSG powertrain,	condition				
	#18310,		except during turbine	#18310, Part			X	
	part 20c		startup and shutdown	27b				1
со	BAAQMD	Υ	0.0088 lb/MM BTU for each	BAAQMD	P/A	Source Test at		
	condition		turbine/HRSG powertrain,	condition		maximum load		
	#18310,		except during turbine	#18310, Part		and minimum	X	
	part 20d		startup and shutdown	31		load		ł
со	BAAQMD	Υ	0.0088 lb/MM BTU for each	BAAQMD	С	CEM		
	condition		turbine/HRSG powertrain,	condition				
	#18310,		except during turbine	#18310, Part			X	
	part 20d		startup and shutdown	27b				
со	BAAQMD	Υ	4 ppmv @ 15% O2, dry, for	BAAQMD	P/A	Source Test at		
	condition		each turbine/HRSG	condition		maximum load		
	#18310,		powertrain, 3-hr average,	#18310, Part		and minimum	x	
	part 20d		except during turbine	31		load		
			startup and shutdown					
со	BAAQMD	Y	4 ppmv @ 15% O2, dry, for	BAAQMD	С	CEM		
	condition		each turbine/HRSG	condition				
	#18310,		powertrain, 3-hr average,	#18310, Part			x	
	part 20d		except during turbine	27b				
			startup and shutdown					
СО	BAAQMD	Υ	4 ppmv @ 15% O2, dry, for	40 CFR 64.3	At least 4	CEM		
	condition		each turbine/HRSG	(b)(4)(ii)	times per			
	#18310,		powertrain, 3-hr average,		hour		x	
	part 20d		except during turbine		(CAM Plan)			
			startup and shutdown					

***************************************				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре	103	
co	BAAQMD	Υ	2,514 lb/gas turbine startup	BAAQMD	С	CEM		
	condition			condition			x	
	#18310,			#18310, Part			^	
	part 21			27b			!	
co	BAAQMD	Y	5028 lb/hr during gas	BAAQMD	С	CEM		
	condition		turbine cold start-up or	condition			×	
	#18310,		combustor tuning period	#18310, Part			^	
	part 21			27b				
со	BAAQMD	Y	902 lb/gas turbine	BAAQMD	С	CEM		
	condition		shutdown	condition			, ,	
	#18310,			#18310, Part			X	
	part 21			27b				
со	BAAQMD	Υ	7,891.1 lb/day for S-1, S-3	BAAQMD	С	CEM		
	condition		gas turbines and S-2, S-4	condition				
	#18310,		HRSGs, combined	#18310, Part			X	
	part 24b			27b				
со	BAAQMD	Υ	588 ton/yr for S-1, S-3 gas	BAAQMD	С	CEM		
	condition		turbines and S-2, S-4	condition				
	#18310,		HRSGs, combined (includes	#18310, Part			x	
	part 25b		emissions from	27b				
			commissioning period)					
CO₂		Υ	None	40 CFR 75.10	С	fuel flow		
						monitor and		
						CO2	Х	
					•	calculation		
SO₂	BAAQMD	γ	GLC <sup>1</sup> of 0.5 ppm for 3 min		N			
	9-1-301		or 0.25 ppm for 60 min or				x	
			0.05 ppm for 24 hours					
SO₂	BAAQMD	Υ	300 ppm (dry)		N			
	9-1-302						x	
SO₂	NSPS	Υ	0.015% (vol.)	NSPS 40 CFR	N			
	40 CFR		@ 15% O₂ (dry)	60.334(h)			x	
	60.333(a)							

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring -	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		
SO <sub>2</sub>	NSPS	Υ	Total sulfur content of fuel	NSPS 40 CFR	P/M	Fuel sulfur		
	40 CFR		not to exceed 0.8 percent	60.334(h)(3)(i		content testing		
	60.333(b)		by weight (8000 ppmw)	i) and				
				BAAQMD			X	
				condition				
				#18310, Part				
	ļ			45				
SO <sub>2</sub>		Y	None	40 CFR 75.11,	P/A	Fuel		
				40 CFR 75,		measurements	x	
				Appendix D,		, calculations	Α	
				part 2.3				
SO2	BAAQMD	Y	1.28 lb/hr, for each	BAAQMD	P/A	Source test at		
	condition		turbine/HRSH powertrain	condition		maximum load		<u> </u>
	#18310,			#18310, part			X	
	part 20g			31				
502	BAAQMD	Υ	1.28 lb/hr, for each	BAAQMD	P/D	Records,		
	condition		turbine/HRSH powertrain	condition		calculations		
	#18310,			#18310, part			х	
	part 20g			28				
SO2	BAAQMD	Υ	0.0006lb/MM BTU, for	BAAQMD	P/A	Source test at		
	condition		each turbine/HRSG	condition		maximum load		
	#18310,		powertrain	#18310, part			Х	
	part 20g		·	31				
SO2	BAAQMD	Υ	0.0006lb/MM BTU, for	BAAQMD	P/D	Records,		
	condition		each turbine/HRSG	condition		calculations		
	#18310,		powertrain	#18310, part			Х	
	part 20g			28		[		
SO2	BAAQMD	γ	57.9 lb/day for each	BAAQMD	P/D	Records,		
	condition		turbine/HRSG powertrain	condition	, ,	calculations		
	#18310,		,	#18310, part			X	
	part 24e	-		28				
SO2	BAAQMD	Υ	10.6 ton /yr for each	BAAQMD	P/D	Records,		
	condition		turbine/HRSG powertrain	condition		calculations		
	#18310,		(includes emissions from	#18310, part			Х	
	part 25e	}	commissioning period)	28		1		1
Opacity	BAAQMD	N	> Ringelmann No. 1 for no		N			
	6-1-301		more than 3 minutes in any				x	1
			hour				-	

		1		Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		
Opacity	SIP 6-301	Y	> Ringelmann No. 1 for no		N			
			more than 3 minutes in any				X	
	<u> </u>		hour					ļ
FP	BAAQMD 6-1-310.3	N	0.15 grain/dscf @ 6% O2		N		×	
FP	SIP 6-	Y	0.15 anaim/deed @ 69/ 02		N			<u></u>
FP	310.3	*	0.15 grain/dscf @ 6% O2		N		×	
PM <sub>10</sub>	BAAQMD	Υ	9 lb/hr, for each	BAAQMD	P/A	Source test at		
	condition		turbine/HRSG powertrain	condition		maximum load		
	#18310,			#18310, part			X	
	part 20h			31				
PM <sub>10</sub>	BAAQMD	Υ	0.00452 lb/MM BTU, for	BAAQMD	P/A	Source test at		
	condition		each turbine/HRSG	condition		maximum load		
	#18310,		powertrain	#18310, part			X	
	part 20h			31				
PM <sub>10</sub>	BAAQMD	Υ	510 lb/day for S-1, S-3 Gas	BAAQMD	P/D	Records,		
	condition		turbines and S-2, S-4	condition		calculations		
	#18310,		HRSGs, combined	#18310, part			X	
	part 24d			28				
PM <sub>10</sub>	BAAQMD	Y	83.34 ton/yr for S-1, S-3	BAAQMD	P/D	Records,		
	condition		Gas turbines and S-2, S-4	condition		calculations		
	#18310,		HRSGs, combined	#18310, part			x	1
	part 25d		(including emissions from	28				
			commissioning period)					
POC	BAAQMD	Υ	2.7 lb/hr (as CH4) for each	BAAQMD	P/A	Source test at		
	condition		turbine/HRSG powertrain	condition		maximum load	v	
	#18310,		except during turbine	#18310, part			X	
	part 20f		startup and shut down	31				
POC	BAAQMD	Υ	0.00126 lb/MM BTU (as	BAAQMD	P/A	Source test at		
	condition		CH4) for each	condition		maximum load		
	#18310,		turbine/HRSG powertrain	#18310, part			x	
	part 20f		except during turbine	31				
			startup and shut down					
POC	BAAQMD	Y	48 lb/gas turbine startup	BAAQMD	P/D	Records,		
	condition			condition		calculations	x	
	#18310,			#18310, part			^	
	part 21			28				

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		<u> </u>
POC	BAAQMD	Y	16 lb/gas turbine shutdown	BAAQMD	P/D	Records,		
	condition			condition		calculations	x	
	#18310,			#18310, part				
	part 21			28				
POC	BAAQMD	Y	96 lb/hr during gas turbine	BAAQMD	P/D	Records,		
	condition		cold start up or combustor	condition		calculations	x	
	#18310,		tuning period	#18310, part				•
	part 21			28				
POC	BAAQMD	Y	230.2 lb/day (as CH4) for S-	BAAQMD	P/D	Records,		
	condition		1, S-3 gas turbines and S-2,	condition		calculations	x	
	#18310,		S-4 HRSGs, combined	#18310, part				
	part 24c			28				
POC	BAAQMD	Y	28 ton/yr ) for S-1, S-3 gas	BAAQMD	P/D	Records,		
	condition		turbines and S-2, S-4	condition		calculations		
	#18310,		HRSGs, combined	#18310, part			X	
	part 25c		(including emissions from	28				
			commissioning period)					
NH <sub>3</sub>	BAAQMD	N	5 ppmv, @ 15% O2 dry,	BAAQMD	С	Ammonia		
	condition		averaged over 3 hrs for	condition		injection rate		
	#18310,		each turbine/HRSG	#18310, part		monitor	v	
	part 20e		powertrain, except during	27c			Х	
			turbine startup and					
			shutdown					
Formal-	BAAQMD	N	3796 lb/yr for S-1, S-3 gas	BAAQMD	P/D	Records,		
dehyde	condition		turbines and S-2, S-4	condition		calculations		
	#18310,		HRSGs, combined	#18310, part			X	
	part 26a			29				
Formal-	BAAQMD	N	3796 lb/yr for S-1, S-3 gas	BAAQMD	P/every two	Source Test	,	
dehyde	condition		turbines and S-2, S-4	condition	years on P-1			
	#18310,		HRSGs, combined	#18310, part	or P-2		X	
	part 26a			33				
Benzene	BAAQMD	N	480 lb/yr for S-1, S-3 gas	BAAQMD	P/D	Records,		
	condition		turbines and S-2, S-4	condition		calculations		
	#18310,		HRSGs, combined	#18310, part			X	
	part 26b			29				
Benzene	BAAQMD	N	480 lb/yr for S-1, S-3 gas	BAAQMD	P/every two	Source Test		
	condition		turbines and S-2, S-4	condition	years on P-1			
	#18310,		HRSGs, combined	#18310, part	or P-2		X	
	part 26b		,	33				[

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		
Specific	BAAQMD	N	22.8 lb/yr for S-1, S-3 gas	BAAQMD	P/D	Records,		
PAH	condition		turbines and S-2, S-4	condition		calculations	x	
Compounds	#18310,		HRSGs, combined	#18310, part			^	
	part 26c			29				
Specific	BAAQMD	N	22.8 lb/yr for S-1, S-3 gas	BAAQMD	P/every two	Source Test		
PAH	condition		turbines and S-2, S-4	condition	years on P-1		x	
Compounds	#18310,		HRSGs, combined	#18310, part	or P-2		^	
	part 26c			33				
Heat input	BAAQMD	Υ	2,124 MM BTU/hr (HHV), 3-	BAAQMD	С	Fuel meter,		
limit	condition		hr average for each	condition		firing monitor,	v	
	#18310,		turbine/HRSG powertrain	#18310, part		calculations	X	
	part 14			27a				
Heat input	BAAQMD	Υ	49,908 MM BTU/calendar	BAAQMD	С	Fuel meter,		
limit	condition		day (HHV), for each	condition		firing monitor,	.,	
	#18310,		turbine/HRSG powertrain	#18310, part		calculations	X	
	part 15			27a				
Heat input	BAAQMD	Υ	35,274,060 MM BTU/yr	BAAQMD	С	Fuel meter,		
limit	condition		(HHV) for S-1, S-3 gas	condition		firing monitor,	<b>v</b>	
	#18310,		turbines and S-2, S-4	#18310, part		calculations	х	
	part 16		HRSGs, combined	27a				
Cold Start-	BAAQMD	Υ	30 firing hours per year for	BAAQMD	P/E	Recordkeeping		
Up,	condition		S-1 and S-3 gas turbines,	condition				
Combustor	#18310,		combined for purposes of	#18310, part			x	
Tuning	part 48		cold start-up or combustor	49				
Firing Limit			tuning					

# Table VII - B Applicable Limits and Compliance Monitoring Requirements S-3, HEAT RECOVERY STEAM GENERATOR #1 S-4, HEAT RECOVERY STEAM GENERATOR #2

_				Monitoring	Monitoring		Yes X X X X	liance
Type of	Citation of	FE	4.5	Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Түре		
NOx	BAAQMD	N	9 ppmv @ 15% O2, dry	BAAQMD	C	CEM		
	9-9-301.1.3			9-9-501			X	
NOx	SIP	Y	9 ppmv @ 15% O2, dry	SIP 9-9-501	С	CEM	ν	
	9-9-301.3							
NOx	BAAQMD	N	0.15 LB/MMBTU or 5 ppmv	BAAQMD 9-9-501	С	CEM	¥	
	9-9-301.2							
NOx	NSPS, 40 CFR	Y	0.2 lb/ MM BTU except,	NSPS 40 CFR	С	CEM		
	60.44b		during start-up, shutdown or	60.48b (b)(2) and				
	(a)(4)(i)		malfuntion	BAAQMD			X	
				Condition				
				#18310, part 27b				
NOx	NSPS, 40 CFR	Υ	75 ppmv @ 15% O2, dry, 4-	NSPS 40 CFR	С	CEM		
	60.332 (a)(1)		hour rolling average	60.334(c.) and	·			
	,			BAAQMD			x	
				Condition				
				#18310, part 27b				
NOx		Υ	None	40 CFR 75.10	С	CEM	х	
NOx	BAAQMD	Υ	19.2 lb/hr for each	BAAQMD	С	CEM		
	condition		turbine/HRSG powertrain,	condition			v	
	#18310, part		except during turbine startup	#18310, Part 27b			X	
	20a		and shutdown					
NOx	BAAQMD	Υ	19.2 lb/hr for each	BAAQMD	P/A	Source Test		
	condition		turbine/HRSG powertrain,	condition		at maximum	v	
	#18310, part		except during turbine startup	#18310, Part 31		load	Х	
	20a		and shutdown					
NOx	BAAQMD	Υ	0.00904 lb/MM BTU for each	BAAQMD	С	CEM		
	condition		turbine/HRSG powertrain,	condition			v	
	#18310, part		except during turbine startup	#18310, Part 27b			х	
	20a		and shutdown					
NOx	BAAQMD	Υ	0.00904 lb/MM BTU for each	BAAQMD	P/A	Source Test		
	condition		turbine/HRSG powertrain,	condition		at maximum	x	
	#18310, part		except during turbine startup	#18310, Part 31		load		

_				Monitoring	Monitoring		Comp	oliance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре	162	NO
	20a	<u> </u>	and shutdown					
NOx	BAAQMD	Y	2.5 ppmv, @ 15% O2, dry, for	BAAQMD	P/A	Source Test		
1	condition		each tubine/HRSG powertrain,	condition		at maximum	x	
	#18310, part		1-hr average except during	#18310, Part 31		load	^	
	20b	<u> </u>	turbine startup and shutdown					
NOx	BAAQMD	Y	2.5 ppmv, @ 15% O2, dry, for	BAAQMD	С	CEM		
	condition		each tubine/HRSG powertrain,	condition			v	
	#18310, part		1-hr average except during	#18310, Part 27b			X	
	20b	<u> </u>	turbine startup and shutdown					l
NOx	BAAQMD	Υ	1362.6 lb/day for S-1, S-3 Gas	BAAQMD	С	CEM		
	condition		Turbines and S-2, S-4 HRSGs,	condition			.,	
	#18310, part	ĺ	combined	#18310, Part 27b			Х	
	24a							
NOx	BAAQMD	Υ	123.4 ton/yr for S-1, S-3 Gas	BAAQMD	С	CEM		
	condition		Turbines and S-2, S-4 HRSGs,	condition				
ļ	#18310, part		combined (including emissions	#18310, Part 27b			X	
	25a		from commissioning period)	·				
со	BAAQMD	Υ	18.7 lb/hr, for each	BAAQMD	P/A	Source Test		
	condition		turbine/HRSG powertrain,	condition	}	at maximum		
	#18310, part		except during turbine startup	#18310, Part 31		load and	x	
	20c		and shutdown	110010,101101		minimum		
			4.14 3.14 (4.5)		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	load		
со	BAAQMD	Y	18.7 lb/hr, for each	BAAQMD	С	CEM		
	condition	•	turbine/HRSG powertrain,	condition		CLIII		
	#18310, part		except during turbine startup	#18310, Part 27b			X	
	20c		and shutdown	#10310, Ture 275		,		
со	BAAQMD	Υ	0.0088 lb/MM BTU for each	BAAQMD	P/A	Source Test		
	condition	•	turbine/HRSG powertrain,	condition	'/^	at maximum		
	#18310, part		except during turbine startup	#18310, Part 31		load and	x	
	20d		and shutdown	#10510, 7411 51		minimum	^	
	200		and shataown			load		
со	BAAQMD	γ	0.0088 lb/MM BTU for each	BAAQMD	С	CEM		
	condition		turbine/HRSG powertrain,	condition		CLIVI		
	#18310, part		except during turbine startup	#18310, Part 27b	,		×	ļ
ĺ	20d		and shutdown					
со	BAAQMD	Υ	4 ppmv @ 15% O2, dry, for	BAAQMD	P/A	Source Test		-
	condition	'	each turbine/HRSG	condition		Source Test at maximum		
			·				x	
	#18310, part 20d		powertrain, 3-hr average, except during turbine startup	#18310, Part 31		load and minimum		1

				Monitoring	Monitoring		Comp	liance
Type of Limit	Citation of Limit	FE Y/N	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
			and shutdown			load		
со	BAAQMD condition #18310, part 20d	Y	4 ppmv @ 15% O2, dry, for each turbine/HRSG powertrain, 3-hr average, except during turbine startup and shutdown	BAAQMD condition #18310, Part 27b	С	CEM	х	
со	BAAQMD condition #18310, part 24b	Y	7,891.1 lb/day for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined	BAAQMD condition #18310, Part 27b	С	CEM	х	
со	BAAQMD condition #18310, part 25b	Y	588 ton/yr for S-1, S-3 gas turbines and S-2, S-4 HRSGs, combined (includes emissions from commissioning period)	BAAQMD condition #18310, Part 27b	С	CEM	х	
CO₂		Y	None	40 CFR 75.10	С	fuel flow monitor and CO2 calculation	x	
SO₂	BAAQMD 9-1- 301	Υ	GLC <sup>1</sup> of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N		х	
SO <sub>2</sub>	BAAQMD 9-1- 302	Y	300 ppm (dry)		N		х	
SO₂	NSPS 40 CFR 60.333(a)	Υ	0.015% (vol.) @ 15% O₂ (dry)	NSPS 40 CFR 60.334(h)	N		х	
SO₂	NSPS 40 CFR 60.333(b)	Y	Total sulfur content of fuel not to exceed 0.8 percent by weight (8000 ppmw)	NSPS 40 CFR 60.334(h)(3)(ii) and BAAQMD condition #18310, Part 45	P/M	Fuel sulfur content testing	x	
SO₂		Y	None	40 CFR 75.11, 40 CFR 75, Appendix D, part 2.3	P/A	Fuel measureme nts, calculations	×	
SO2	BAAQMD condition #18310, part 20g	Y	1.28 lb/hr, for each turbine/HRSH powertrain	BAAQMD condition #18310, part 31	P/A	Source test at maximum load	x	

Type of				Monitoring	Monitoring		Comp	liance
Type of Limit	Citation of Limit	FE Y/N	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
SO2	BAAQMD condition #18310, part 20g	Y	1.28 lb/hr, for each turbine/HRSH powertrain	BAAQMD condition #18310, part 28	P/D	Records, calculations	x	
SO2	BAAQMD condition #18310, part 20g	Y	0.0006lb/MM BTU, for each turbine/HRSG powertrain	BAAQMD condition #18310, part 31	P/A	Source test at maximum load	x	
SO2	BAAQMD condition #18310, part 20g	Y	0.0006lb/MM BTU, for each turbine/HRSG powertrain	BAAQMD condition #18310, part 28	P/D	Records, calculations	x	
SO2	BAAQMD condition #18310, part 24e	Y	57.9 lb/day for each turbine/HRSG powertrain	BAAQMD condition #18310, part 28	P/D	Records, calculations	x	
SO2	BAAQMD condition #18310, part 25e	Y	10.6 ton /yr for each turbine/HRSG powertrain (includes emissions from commissioning period)	BAAQMD condition #18310, part 28	P/D	Records, calculations	x	
Opacity	BAAQMD 6-1- 301	N	> Ringelmann No. 1 for no more than 3 minutes in any hour		N		х	
Opacity	SIP 6-301	Y	> Ringelmann No. 1 for no more than 3 minutes in any hour		N		X	
FP	BAAQMD 6-1- 310.3	N	0.15 grain/dscf @ 6% O2		N		x	
FP	SIP 6-310.3	Υ	0.15 grain/dscf @ 6% O2		N		X	
PM	NSPS 40 CFR 60.42a (b)	Y	< 20% opacity, 6 minute average, except one six minute period/hr up to 27% opacity		N		x	
PM <sub>10</sub>	BAAQMD condition #18310, part 20h	Y	9 lb/hr, for each turbine/HRSG powertrain	BAAQMD condition #18310, part 31	P/A	Source test at maximum load	x	

				Monitoring	Monitoring		Compliance	
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре	162	NO
PM <sub>10</sub>	BAAQMD	Y	0.00452 lb/MM BTU, for each	BAAQMD	P/A	Source test		
	condition		turbine/HRSG powertrain	condition		at maximum	x	
Ì	#18310, part			#18310, part 31		load		
	20h							
PM <sub>10</sub>	BAAQMD	Y	510 lb/day for S-1, S-3 Gas	BAAQMD	P/D	Records,		
	condition		turbines and S-2, S-4 HRSGs,	condition		calculations	x	
	#18310, part		combined	#18310, part 24			••	
	24d							
PM <sub>10</sub>	BAAQMD	Y	83.34 ton/yr for S-1, S-3 Gas	BAAQMD	P/D	Records,		
	condition		turbines and S-2, S-4 HRSGs,	condition		calculations	x	
	#18310, part		combined (including emissions	#18310, part 25			^	
	25d		from commissioning period)					
POC	BAAQMD	Y	2.7 lb/hr (as CH4) for each	BAAQMD	P/A	Source test		
	condition		turbine/HRSG powertrain	condition		at maximum	v	
ļ	#18310, part		except during turbine startup	#18310, part 31		load	X	
	20f		and shut down					
POC	BAAQMD	Υ	0.00126 lb/MM BTU (as CH4)	BAAQMD	P/A	Source test		
	condition		for each turbine/HRSG	condition		at maximum		
	#18310, part		powertrain except during	#18310, part 31		load	X	
	20f		turbine startup and shut down					
POC	BAAQMD	Υ	230.2 lb/day (as CH4) for S-1,	BAAQMD	P/D	Records,		
	condition		S-3 gas turbines and S-2, S-4	condition		calculations		
	#18310, part		HRSGs, combined	#18310, part 28			Х	
	24c							
POC	BAAQMD	Υ	28 ton/yr ) for S-1, S-3 gas	BAAQMD	P/D	Records,		
	condition		turbines and S-2, S-4 HRSGs,	condition		calculations		
	#18310, part	İ	combined (including emissions	#18310, part 28			X	
	25c		from commissioning period)		,			
NH₃	BAAQMD	N	5 ppmv, @ 15% O2 dry,	BAAQMD	С	Ammonia		
-	condition		averaged over 3 hrs for each	condition		injection		
	#18310, part		turbine/HRSG powertrain,	#18310, part 27c		rate monitor	x	
	20e		except during turbine startup					
			and shutdown					
Formald	BAAQMD	N	3796 lb/yr for S-1, S-3 gas	BAAQMD	P/D	Records,		
ehyde	condition		turbines and S-2, S-4 HRSGs,	condition		calculations		
·	#18310, part		combined	#18310, part 29			х	
	26a							

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE	43	Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		
Formald	BAAQMD	N	3796 lb/yr for S-1, S-3 gas	BAAQMD	P/every	Source Test		
ehyde	condition		turbines and S-2, S-4 HRSGs,	condition	two years		x	•
	#18310, part		combined	#18310, part 33	on P-1 or			
	26a				P-2			
Benzene	BAAQMD	N	480 lb/yr for S-1, S-3 gas	BAAQMD	P/D	Records,		
	condition		turbines and S-2, S-4 HRSGs,	condition	İ	calculations	x	
	#18310, part		combined	#18310, part 29			^	
	26b							
Benzene	BAAQMD	N	480 lb/yr for S-1, S-3 gas	BAAQMD	P/every	Source Test		
	condition		turbines and S-2, S-4 HRSGs,	condition	two years		x	
	#18310, part		combined	#18310, part 33	on P-1 or		^	
	26b				P-2			
Specific	BAAQMD	N	22.8 lb/yr for S-1, S-3 gas	BAAQMD	P/D	Records,	1	
PAH	condition		turbines and S-2, S-4 HRSGs,	condition		calculations		
Compou	#18310, part		combined	#18310, part 29			Х	
nds	26c	ĺ						
Specific	BAAQMD	N	22.8 lb/yr for S-1, S-3 gas	BAAQMD	P/every	Source Test		
PAH	condition		turbines and S-2, S-4 HRSGs,	condition	two years			
Compou	#18310, part		combined	#18310, part 33	on P-1 or		X	
nds	26c				P-2			
Heat	BAAQMD	Υ	2,124 MM BTU/hr (HHV), 3-hr	BAAQMD	С	Fuel meter,		
input	condition		average for each	condition		firing		
limit	#18310, part		turbine/HRSG powertrain	#18310, part 27a		monitor,	Х	
	14		, ,			calculations	÷	
Heat	BAAQMD	Υ	49,908 MM BTU/calendar day	BAAQMD	С	Fuel meter,		
input	condition		(HHV), for each turbine/HRSG	condition		firing		
limit	#18310, part		powertrain	#18310, part 27a		monitor,	Х	
	15		•			calculations		
Heat	BAAQMD	Υ	35,274,060 MM BTU/yr (HHV)	BAAQMD	С	Fuel meter,		
input	condition		for S-1, S-3 gas turbines and S-	condition		firing		
limit	#18310, part		2, S-4 HRSGs, combined	#18310, part 27a		monitor,	X	ı
	16					calculations	l	
Prohibit	BAAQMD	Y	Each HRSG duct burner may	BAAQMD	С	Fuel meter,		
ed firing	condition		not be fired unless its	condition		firing		
	#18310, part		associated gas turbine is being			monitor,	×	
	17		fired	, , , , , , ,		calculations		

## Table VII -- C Applicable Limits and Compliance Monitoring Requirements S-5 COOLING TOWER

Type of	Cientian of	FE		Monitoring	Monitoring	Manitorina	Compliance	
Type of Limit	Citation of Limit	Y/N	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
Opacity	BAAQMD 6-1-301	N	>Ringelmann No.1 for no more than 3 minutes in any hour		N		x	
FP	BAAQMD 6-1-310	N	0.15 gr/dscf		N		х	
Opacity	SIP 6-301	Y	>Ringelmann No.1 for no more than 3 minutes in any hour		N		x	
FP	SIP 6-310	Y	0.15 gr/dscf		N		x	
Drift Rate	BAAQMD Condition #18310, part 46	Y	0.0005%	BAAQMD Condition #18310, part 46	Р	Initial Source Test	x	
Total Dissolved Soilds	BAAQMD Condition #18310, part 46	Υ	5438 ppmw (mg/l)	BAAQMD Condition #18310, part 46	P/D	Sampling and Testing of cooling tower water	x	

## Table VII -- D Applicable Limits and Compliance Monitoring Requirements S-6 STATIONARY STANDBY GENERATOR SET

				Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Limit	Citation	(P/C/N)	Туре		
Opacity	BAAQMD	N	>Ringelmann No.1 for		N			
	6-1-301		no more than 3					
			minutes in any hour					
Opacity	SIP	Y	>Ringelmann No.1 for		N			
	6-301		no more than 3					
			minutes in any hour					
FP	BAAQMD	N	0.15 gr/dscf @ 6% O2		N			
	6-1-310.3							
FP	SIP	Υ	0.15 gr/dscf @ 6% O2		N			
	6-310.3							
SO₂	BAAQMD	Υ	GLC <sup>1</sup> of 0.5 ppm for 3		N			
	9-1-301		min or 0.25 ppm for					
			60 min or 0.05 ppm					
			for 24 hours					E NOT
SO₂	BAAQMD	Υ	300 ppm (dry)		N		COMMI	SSIONED
	9-1-302							
Heat	BAAQMD	γ	14.1 MM BTU/hr		N			
Input	Condition							
Limit	#22231							
	part 1							
Reliability	BAAQMD	Υ	100 hours per	BAAQMD	P/E	Recordkeeping		
Related	Condition		calendar year	Condition				
activities	#22231			#22231 part 6				
	part 2							
NOx, CO	BAAQMD	Υ	1.0 g NOx/bhp-hr		N			
and POC	Condition		2.75 g CO/bhp-hr					
	#22231		1.0 g POC/bhp-hr					
	part 3							

## Table VII – E Applicable Limits and Compliance Monitoring Requirements S-7 FIRE PUMP DIESEL ENGINE

_	Citation of	FE Y/N	Requirement Frequency	Monitoring		Compliance		
Type of Limit				Requirement Citation		Monitoring	Yes	No
Limit	Limit	1/14		Citation	(P/C/N)	Туре		ļ
Opacity	BAAQMD 6-1-301	N	>Ringelmann No.2 for no more than 3 minutes in any hour		N		x	
Opacity	SIP 6-301	Υ	>Ringelmann No.2 for no more than 3 minutes in any hour		N		х	
FP	BAAQMD 6-1-310.3	N	0.15 gr/dscf @ 6% O2		N		х	
FP	SIP 6-310.3	Y	0.15 gr/dscf @ 6% O2		N		х	
SO₂	BAAQMD 9-1-301	Y	GLC <sup>1</sup> of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		2		х	
Fuel Sulfur Content	BAAQMD 9-1-304	Y	Sulfur Content ≤ 0.5% bγ weight		N		x	
SO₂	BAAQMD Condition #19610, part 39	N	Sulfur content of fuel less than 0.05% by weight	BAAQMD Condition #19610, part 39	P/E		x	
Reliability Related activities	BAAQMD Condition #21917 part 1	Y	30 hours per calendar year	BAAQMD Condition #21917 part 2, 3	P/E	Totalizing Meter, record keeping	х	