	SURVEILLANCE	FREQUENCY
SR 3.8.1.3	 NOTES————————————————————————————————————	31 days
SR 3.8.1.4	Verify each fuel oil transfer pump starts on low level in the associated day tank standpipe.	31 days
SR 3.8.1.5	Check for and remove accumulated water from each day tank.	31 days
SR 3.8.1.6	Verify each fuel oil transfer system operates to transfer fuel oil from the storage tank to the day tank.	31 days
		(continued)

	SURVEILLANCE	FREQUENCY
SR 3.8.1.7	All DG starts may be preceded by an engine prelube period.	
	Verify each DG starts from standby condition and achieves in \leq 12 seconds, voltage \geq 3740 V and \leq 4320 V, and frequency \geq 58.8 Hz and \leq 61.2 Hz.	184 days
SR 3.8.1.8	Not Used.	
SR 3.8.1.9	Not Used.	
SR 3.8.1.10	Verify each DG operating at a power factor \leq 0.9 and \geq 0.8 does not trip and voltage is maintained \leq 4784 V and frequency is maintained \leq 65.4 Hz during and following a load rejection of \geq 5580 kW and \leq 6201 kW.	18 months

			CLIDVEU LANCE	EDEOLIEVOV
			SURVEILLANCE	FREQUENCY
SR 3.8.1.11	1.	All [OG starts may be preceded by an engine ube period.	
	2.	in M Sun OPE dete	Surveillance shall not normally be performed IODE 1 or 2. However, portions of the veillance may be performed to reestablish ERABILITY provided an assessment ermines the safety of the plant is maintained nhanced.	
	Veri sign	18 months		
	a.	De-	energization of emergency buses;	
	b.	Load	d shedding from emergency buses;	
	C.	DG	auto-starts from standby condition and:	
		1.	energizes permanently connected loads in ≤ 12 seconds,	
		2.	energizes auto-connected shutdown loads through the shutdown sequencer,	
		3.	maintains steady state voltage \geq 3740 V and \leq 4320 V,	
		4.	maintains steady state frequency ≥ 58.8 Hz and ≤ 61.2 Hz, and	
		5.	supplies permanently connected and auto-connected shutdown loads for ≥ 5 minutes.	

SURVEILLANCE REQUIREMENTS (continued)				
	SURVEILLANCE	FREQUENCY		
Fe	All DG starts may be preceded by a prelube period. This Surveillance shall not normally be performed in MODE 1 or 2. However, portions of the Surveillance may be performed to reestablish OPERABILITY provided an assessment determines the safety of the plant is maintained or enhanced. Trify on an actual or simulated Engineered Safety ature (ESF) actuation signal each DG auto-starts m standby condition and: In ≤ 12 seconds after auto-start and during tests, achieves voltage ≥ 3740 V and ≤ 4320 V; In ≤ 12 seconds after auto-start and during tests, achieves frequency ≥ 58.8 Hz and ≤ 61.2 Hz; Operates for ≥ 5 minutes; Permanently connected loads remain energized from the offsite power system; and Emergency loads are auto-connected and energized through the LOCA sequencer from the offsite power system.	18 months		

	FREQUENCY		
SR 3.8.1.13	actu eme	fy each DG's automatic trips are bypassed on all or simulated loss of voltage signal on the ergency bus concurrent with an actual or simulated actuation signal except: Engine overspeed; Generator differential current; Low lube oil pressure; High crankcase pressure; Start failure relay; and High jacket coolant temperature.	18 months

SURVEILL	ANCE F	REQUIRE	MENTS ((continued)

	SURVEILLANCE	FREQUENCY
SR 3.8.1.14	 NOTES————————————————————————————————————	18 months
SR 3.8.1.15	 This Surveillance shall be performed within 5 minutes of shutting down the DG after the DG has operated ≥ 2 hours loaded ≥ 5580 kW and ≤ 6201 kW. Momentary transients outside of load range do not invalidate this test. All DG starts may be preceded by an engine prelube period. 	
	Verify each DG starts and achieves, in \leq 12 seconds, voltage \geq 3740 V, and \leq 4320 V and frequency \geq 58.8 Hz and \leq 61.2 Hz.	18 months

	SURVEILLANCE	FREQUENCY
SR 3.8.1.16	This Surveillance shall not normally be performed in MODE 1, 2, 3, or 4. However, this Surveillance may be performed to reestablish OPERABILITY provided an assessment determines the safety of the plant is maintained or enhanced.	
	 Verify each DG: a. Synchronizes with offsite power source while loaded with emergency loads upon a simulated restoration of offsite power; b. Transfers loads to offsite power source; and c. Returns to ready-to-load operation. 	18 months
SR 3.8.1.17	This Surveillance shall not normally be performed in MODE 1 or 2. However, portions of the Surveillance may be performed to reestablish OPERABILITY provided an assessment determines the safety of the plant is maintained or enhanced. Verify, with a DG operating in test mode and connected to its bus, an actual or simulated Safety Injection signal overrides the test mode by: a. Returning DG to ready-to-load operation; and b. Automatically energizing the emergency load from offsite power.	18 months

	SURVEILLANCE	FREQUENCY
SR 3.8.1.18	This Surveillance shall not normally be performed in MODE 1 or 2. However, this Surveillance may be performed to reestablish OPERABILITY provided an assessment determines the safety of the plant is maintained or enhanced.	
	Verify interval between each sequenced load block is within \pm 10% of design interval for each LOCA and shutdown sequence timer.	18 months

	SURVEILLANCE	FREQUENCY
SR 3.8.1.19	 NOTES————————————————————————————————————	18 months
	5. supplies permanently connected and auto-connected emergency loads for ≥ 5 minutes.	

	SURVEILLANCE	FREQUENCY
SR 3.8.1.20		
	Verify when started simultaneously from standby condition, each DG achieves, in \leq 12 seconds, voltage \geq 3740 V and \leq 4320 V, and frequency \geq 58.8 Hz and \leq 61.2 Hz.	10 years
SR 3.8.1.21	NOTE The continuity check may be excluded from the actuation logic test.	
	Perform ACTUATION LOGIC TEST for each train of the load shedder and emergency load sequencer.	31 days on a STAGGERED TEST BASIS