

ELECTRICAL POWER SYSTEMSSURVEILLANCE REQUIREMENTS (Continued)

3. By verifying within 31 days of obtaining the sample that the other properties specified in Table 1 of ASTM D975-81 are met when tested in accordance with ASTM D975-81, except that the analysis for sulfur may be performed in accordance with ASTM D1552-79 or ASTM D2622-82.
- e. At least once every 31 days by obtaining a sample of fuel oil from the storage tanks in accordance with ASTM D2276-78 and verifying that total particulate contamination is less than 10 mg/liter when checked in accordance with ASTM D2276-78, Method A.
- f. At least once per 18 months<sup>#</sup>, during shutdown, by:
  1. Subjecting the diesel to an inspection in accordance with procedures prepared in conjunction with its manufacturer's recommendations for this class of standby service.
  2. Verifying the diesel generator capability to reject a load of greater than or equal to 917.5 kw for diesel generator 1A, greater than or equal to 509.2 kw for diesel generator 1B, and greater than or equal to 1995 kw for diesel generator 1C while maintaining voltage at  $4160 \pm 420$  volts and frequency at  $60 \pm 1.2$  Hz, and while maintaining engine speed less than 75% of the difference between nominal speed and the overspeed trip setpoint or 15% above nominal, whichever is less.
  3. Verifying the diesel generator capability to reject a load of 3030-3130 kw\*\*\* for diesel generators 1A and 1B and 2500-2600 kw\*\*\* for diesel generator 1C without tripping. The generator voltage shall not exceed 4784 volts during and following the load rejection.
  4. Simulating a loss of offsite power by itself, and:
    - a) For divisions I and II:
      - 1) Verifying deenergization of the emergency busses and load shedding from the emergency busses.

INSERT

<sup>#</sup>For any start of a diesel, the diesel must be operated with a load in accordance with the manufacturer's recommendations.

\*\*\*Momentary transients due to changing bus loads shall not invalidate the test.

Insert for Technical Specification 4.8.1.1.2(f) (3)

The generator voltage shall not exceed 4784 volts for diesel generator 1A and 1B and 5400 volts for diesel generator 1C during and following the load rejection.

ENCLOSURE 3

FULL LOAD REJECTION DATA

	<u>River Bend</u>	<u>Design Requirements</u>
Load Rejected	2536 kw	2500-2600 kw
Max. Voltage Reached	5164 Volts @ 0.3 sec.	5824 Volts
Max. Frequency Reached	63.7 Hz @ 0.9 sec.	65.3 Hz
Duration of Voltage Transient	0.6 secs.	3 secs.
Duration of Frequency Transient	1.8 secs	2 secs

STATE OF LOUISIANA	\$	
PARISH OF WEST FELICIANA	\$	
In the Matter of	\$	Docket Nos. 50-458
GULF STATES UTILITIES COMPANY	\$	

My Commission is for Life.