ELECTRICAL POWER SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

- By verifying within 31 days of obtaining the sample that the other properties specified in Table 1 of ASTM 0975-81 are met when tested in accordance with ASTM 0975-81, except that the analysis for sulfur may be performed in accordance with ASTM 01552-79 or ASTM 02622-82.
- 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#, during shutdown, by:
 - 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 insert (shall not exceed 4784 vults during and following the load rejection.)
 - 4. Simulating a loss of offsite power by itself, and:
 - a) For divisions I and II:
 - Verifying deenergization of the emergency busses and load shedding from the emergency busses.

#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)

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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

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FULL LOAD REJECTION DATA

	River Bend	Design Requirements
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

UNITED STATES OF AMERICA NUCLEAR REGULATORY COMMISSION

STATE OF LOUISIANA	
PARISH OF WEST FELICIANA	5
In the Matter of	5
GULF STATES UTILITIES COMPANY	5

Docket Nos. 50-458

(River Bend Station, Unit 1)

AFFIDAVIT

W. J. Cahill, Jr., being duly sworn, states that he is a Senior Vice President of Gulf States Utilities Company; that he is authorized on the part of said Company to sign and file with the Nuclear Regulatory Commission the documents attached hereto; and that all such documents are true and correct to the best of his knowledge, information and belief.

Cahill, Jr.(

Subscribed and sworn to before me, a Notary Public in and for the State and Parish above named, this $\frac{24}{2}$ day of September, 1985.

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Joan W. Middlebrooks Notary Public in and for West Feliciana Parish, Louisiana

My Commission is for Life.