



GULF STATES UTILITIES COMPANY

RIVER BEND STATION POST OFFICE BOX 220 ST. FRANCISVILLE, LOUISIANA 70775
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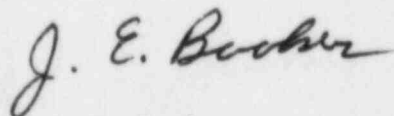
Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Denton:

River Bend Station - Unit 1
Docket No. 50-458

Enclosed for your review is Gulf States Utilities Company response to the Nuclear Regulatory Commission's Power Systems Branch issue relating to circuits which are normally de-energized or are operated in such a manner as not to require redundant protection. Attachment 1 provides additional discussions on non-Class 1E limit switches and motor space heaters. Attachment 2 provides additional information that should be included in Section 3/4.8.4 of the River Bend Station Technical Specifications.

Sincerely,



J. E. Booker
Manager-Engineering,
Nuclear Fuels & Licensing
River Bend Nuclear Group

JEB/JEP/je

Attachments (2)

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ATTACHMENT 1

1. Non-Class 1E Limit Switches (NAMCU/ASCO) in Manual and Air-Operated Valves

Re-evaluation of the limit switch circuit indicates that a line to ground fault in the limit switch does not cause a significant increase in fault current since the current continues to pass through the indicating light and resistor which are part of (and installed in) the Class 1E PGCC in the Main Control Room. Therefore, there is no adverse affect on other Class 1E systems caused by a failure of the Non-Class 1E limit switch.

2. Non-Class 1E Motor Space Heaters Energized from Class 1E 120V Panelboards

The Motor heaters used in the Westinghouse Class 1E motors are considered Class 1E. They are of the same material and construction as the motor winding.

Motor heaters used in Reliance Class 1E motors are also of the same construction and materials as the motor winding and are also considered to be Class 1E. Motor heaters for Seimens-Allis Class 1E motors will be protected by a redundant Class 1E protection device. Until such time as the motor heater protection device is installed, GSU will de-energize these motor heaters for motor 1SWP* P2A, B, C & D.

ATTACHMENT 2

2/3

ELECTRICAL POWER SYSTEMSA.C. CIRCUITS INSIDE CONTAINMENTLIMITING CONDITION FOR OPERATION

3.8.4.4 At least the following A.C. circuits inside containment shall be de-energized*:

<u>Equipment ID</u>	<u>Location</u>	<u>Device</u>
1MHR*CRN1 (Polar crane)	1EJS*LDC2A	ACB022

APPLICABILITY: OPERATIONAL CONDITIONS 1, 2 and 3.

ACTION:

With any of the above required circuits energized, trip the associated circuit breaker(s) in the specified location within 1 hour.

SURVEILLANCE REQUIREMENTS

4.8.4.4 Each of the above required A.C. circuits shall be determined to be de-energized by verifying at least once per 24 hours** that the associated circuit breakers are in the tripped condition.

*Except during entry into the containment.

**Except at least once per 31 days if locked, sealed or otherwise secured in the tripped condition.

INSERT A

Equipment ID Location Device

Equipment ID	Location	Device
IF42-PNL P003	ISCA-PNL 8C1	CIRCUIT BREAKER 1
IF42-P002H	ISCA-PNL 8C1	" 15
ISFT-PNL 100	ISCA-PNL 8B2	" 2
ISFT-PNL 100	ISCA-PNL 8B2	" 10
IHVR*UCIAH	ISCV*PNL 2A2	" 5
IHVR*UCIBH	ISCV*PNL 2B2	" 12
IHVR-UCICH	ISCA-PNL 2C1	" 9
IHVR-FNIAH	ISCA-PNL 2A2	" 3
IHVR-FNIBH	ISCA-PNL 2F1	" 6
IHVR-FNICH	ISCA-PNL 2E1	" 1
IHVR-FNIDH	ISCA-PNL 2B1	" 6
IDRE-UCIAH	ISCA-PNL 2E1	" 2
IDRE-UCIBH	ISCA-PNL 2F1	" 3
IDRS-UCICH	ISCA-PNL 2E1	" 2
IDRS-UCIDH	ISCA-PNL 2F1	" 3
IDRS-UCIEH	ISCA-PNL 2E1	" 2
IDRS-UCIFH	ISCA-PNL 2F1	" 3
IF42-P002H	ISCV*PNL 2A2	" 5
IWCS-PSAH	ISCA-PNL 2E1	" 4
IWCS-PSBH	ISCA-PNL 2F1	" 2