



GULF STATES UTILITIES COMPANY

POST OFFICE BOX 2951 • BEAUMONT TEXAS 77704

AREA CODE 409 838-6631

August 14, 1985
RBG-21859
File No. G9.5

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

As requested by your Staff, enclosed are revisions to the Gulf States Utilities River Bend Station Environmental Qualification Document, Appendix B.1, System Component Evaluation Work (SCEW) sheet SRN 247491-3. These revisions support the justification for interim operation for two air operated valves (1DFR*A0V144 and 145) in the suppression pool pump-back system previously provided in GSU's August 13, 1985 letter.

Sincerely,

J. E. Booker

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

ug
JEB/ERG/kt

8508280023 850814
PDR ADOCK 05000458
A PDR

Boo!

SRN 247491-3
REV 2-3
SHEET NO. 2
DATE 8/11/85-8/14/85

RBS-ENVIRONMENTAL QUALIFICATION PROGRAM
RBS-ENVIRONMENTAL QUALIFICATION DATA MASTER LIST
SORTED BY SRN, SPEC, THEN SYSTEM - HARSH ENVIRONMENT ONLY

MODEL/CATALOG NO. ENV. ZONE QUAL. LIFE OPTIME
RELIGIONS

SRN 247491-3

SPEC 247.491

E12 RESTORATION HEAT REMOVAL

1E12-SOVF051A

1E12-SOVF051B

1E12-SOVF065A

1E12-SOVF065B

SHP SERVICE WATER

1SHP-SOWS1A

1SHP-SOWS1B

IDFR # SOV 144

IDFR # SOV 145

AB-114-3 40 YR

AB-114-3 40 YR

AB-070-5 40 YR

AB-070-5 40 YR

AB-141-2 2.2 YR

AB-141-3 2.2 YR

AB-070-8 40 YR

AB-070-7 40 YR

NP0320
NOTE-5

NP0320
NOTE-5

NP0320

NP0320

NP0320
NOTE-4

NP0320
NOTE-4

NP0320

NP0320

N/R

N/R

N/R

N/R

1000

1000

1000

1000

B

B

B

B

A

A

A

A

X

X

X

X

RBS - ENVIRONMENTAL QUALIFICATION PROGRAM

SRN 247491-3

REV ①-1

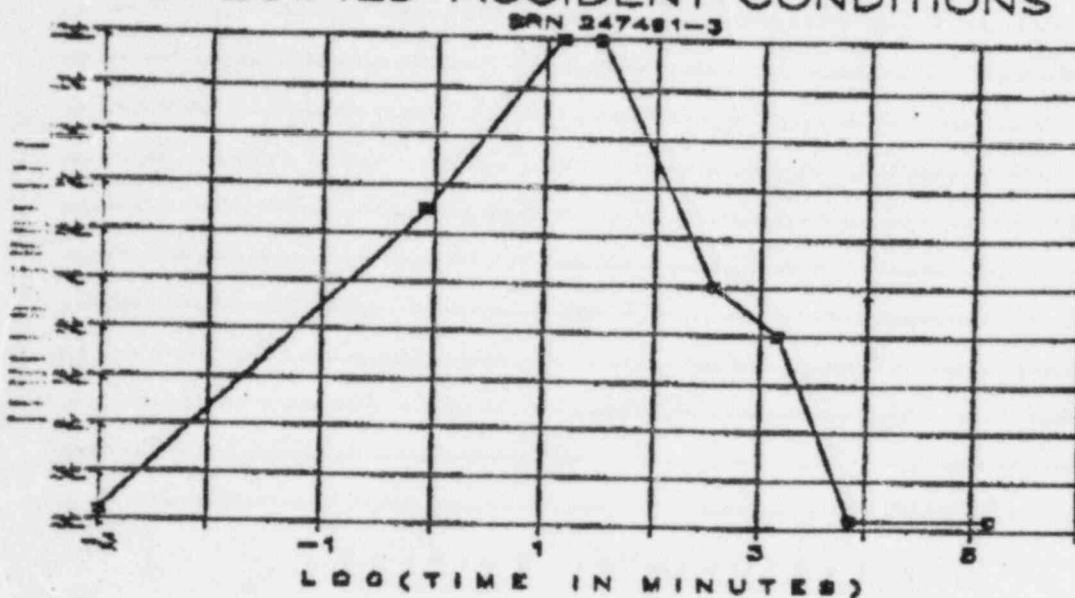
SHEET NO. 3

DATE ①1/29/84-8/4/85

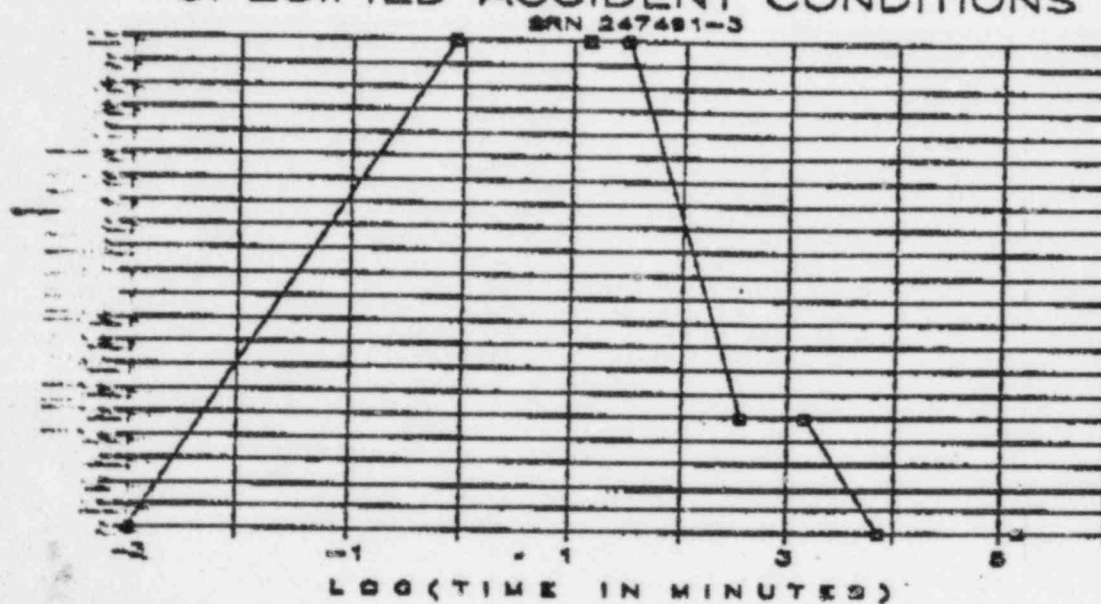
NOTES

1. For complete environmental conditions, see ^{documents}~~conditions~~ referenced. X
2. For qualified life, see Reference 4. In the qualified life calculation, the temperature rise ^{coil}~~by the actuated coil~~ is considered. X
3. Operability time extended from 30 to 100 days plus margin by the Arrhenius calculation. See Reference 4.
4. The qualified life of this component can be extended to 40 years by periodic maintenance or replacement. See References 2 and 4.
5. Safety Functions - Control steam pressure in heat exchanger; control heat exchange water level; ~~and~~ standby service water isolation valve for penetration valve leakage; control compressor; and isolate auxiliary building floor drains. X

SPECIFIED ACCIDENT CONDITIONS

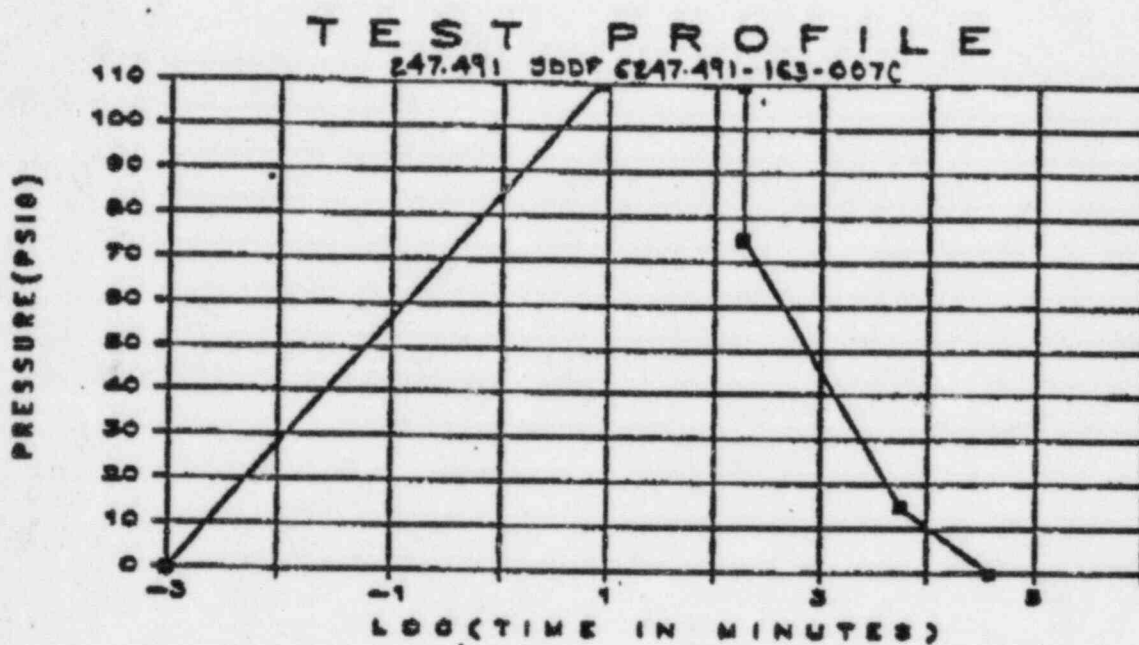
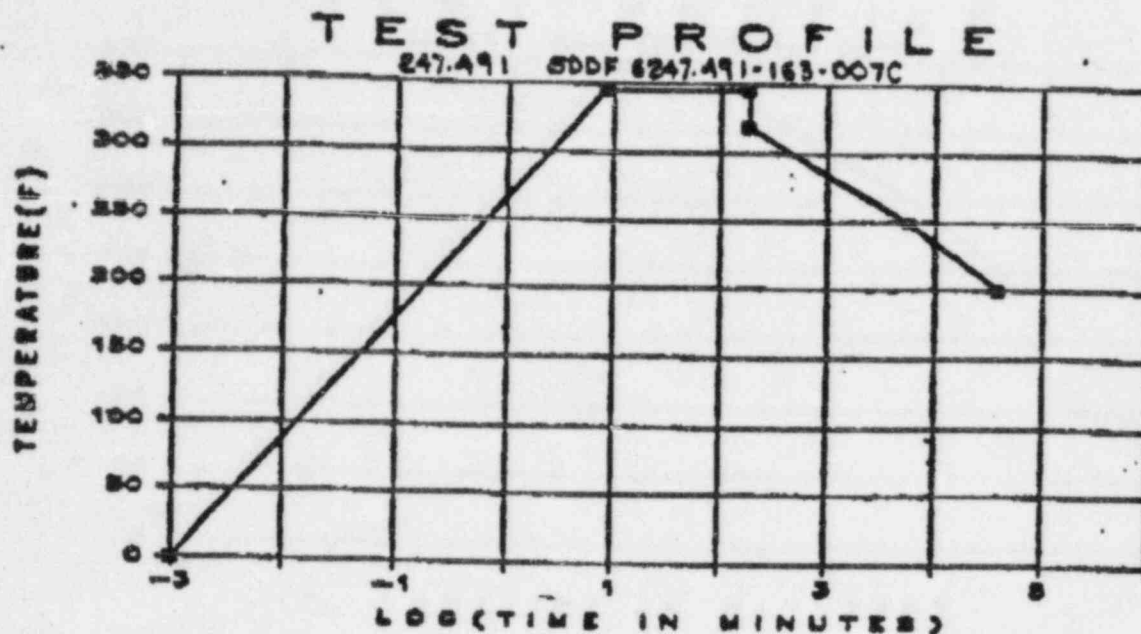


SPECIFIED ACCIDENT CONDITIONS



ACCIDENT CONDITIONS FOR SPECIFICATION: 211.161-4

TEMPERATURE	50SEC	800SEC	1800SEC	6HRS	1DAY	5DAYS	100DAYS
0	-0.08	1.12	1.48	2.56	3.16	3.86	5.16
122	185	220	220	170	160	122	122
0.001	0.8333	13.333	30	360	1440	7200	144000
TEMPERATURE	50SEC	800SEC	1800SEC	6HRS	1DAY	5DAYS	100DAYS
0	-0.08	1.12	1.48	2.56	3.16	3.86	5.16
0	2.1	2.1	2.1	0.5	0.5	0	0
0.001	0.8333	13.333	30	360	1440	7200	144000



TEST PROFILE DATA FOR 247.491 SDDF 6247.491-163-007C
SOLENOID VALVES

TIME	0	Bain	3hr	3hr	4days	26days
LOG(MINUTES)	-3.00	0.90	2.26	2.26	3.76	4.57
TEMP(F)	0	346	346	320	250	200
PRES(PSIG)	0	110	110	75	15	0