



GULF STATES UTILITIES COMPANY

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August 13, 1984
RBC-18,586
File Nos. G9.5

Mr. H. E. 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

Attached is a copy of the River Bend Nuclear Station operating shift experience tables as requested via Mr. D. G. Eisenhut in his May 31, 1984 letter. The response due date for the above was extended to August 20, 1984 via telephone conversation between B. Hey (GSU-Licensing) and E. Weinkam on July 24, 1984. This information updates that previously transmitted to you via our March 6, 1984 letter from W. H. Odell.

Based on meeting the criteria for shift operating experience, River Bend Nuclear Station does not plan to use shift advisors to augment the operating staff.

Sincerely,

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

M DEH
JEB/WJR/LAE/BEH/lp

cc: D. G. Eisenhut

Attachments

8408210490 840813
PDR ADOCK 05000458
A PDR

M003
11

DATE August 13, 1984
 PLANT NAME River Bend
 UTILITY CSU
 O.L. DATE 4/1/85

OPERATING SHIFT EXPERIENCE

JOB TITLE: Nuclear Control Operator
 (NOTE 2)

NUCLEAR POWER PLANT EXPERIENCE FOR OPERATING SHIFT POSITIONS (NOTE 1)

ENTER DATA: MONTHS/MONTHS X WEIGHTING FACTOR

TYPE OF EXPERIENCE	WEIGHTING FACTOR	MAXIMUM CREDIT	MONTHS/MONTHS X WEIGHTING FACTOR																	
			1	2	3	4	5	6	7	8	9	10								
1. SAME TYPE COMMERCIAL SRO	1.00	NO LIMIT																		
2. OTHER COMMERCIAL SRO	.75	NO LIMIT																		
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT																		
4. OTHER COMMERCIAL RO	0.75	NO LIMIT																		
5. NAVY (MILITARY) NUCLEAR (RO, ENG, EOW, PPM) (OTHER)	0.50	36 MONTHS																		
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	0.25	12 MONTHS (12 MONTHS) (9 MONTHS)	17/8.5	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	48/24	0/0					
	5.00		21/53	53/70	70/57	57/53	53/52	52/13	13/46	46/53	53/13.25	13.25/0	0/57	57/14.25						
7. NUCLEAR PLANT EXPERIENCE ON SHIFT (OWN PLANT) (LESS THAN 1 1/2 YEARS PRIOR TO F.L.) (MORE THAN 1 1/2 YEARS PRIOR TO F.L.)	3.00	24 MONTHS (12 MONTHS) (12 MONTHS)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	0.75		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5
	0.50		0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	6/3	6/3	6/3	6/3	6/3	6/3	6/3	6/3	6/3	6/3	6/3	6/3	6/3	6/3	6/3	6/3	6/3	6/3
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS					20/5													
11. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS					20/5													
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)		12 MONTHS (12 MONTHS) (6 MONTHS)	44/4.4	100/10	75/7.5	40/4	50/5	66/6.6	0/0	14/1.4	120/12	60/6								
			50.88/30.05	65.88/35.15	82.88/36.9	90.88/45.9	105.88/40.15	64.88/31.5	58.88/23.4	65.88/26.55	60.88/47.9	69.88/32.15								
TOTAL NUCLEAR PLANT EXPERIENCE:																				
			50.88	65.88	82.88	90.88	105.88	64.88	58.88	65.88	60.88	69.88								
			30.05	35.15	36.9	45.9	40.15	31.5	23.4	26.55	47.9	32.15								
			4	4	4	21	21	4	4	4	4	4								
			No	No	No	No	No	No	No	No	No	No								
			1	1	1	22	21	1	1	1	1	1								

Projected to 4/1/85

* .88/4.4

HOT PARTICIPATION EXPERIENCE

TIME > 20% AWA/WOP (HRS)
 STARTUP & SHUTDOWN (YES/NO)
 MONTHS ON SHIFT

NOTE 1: SEE "INSTRUCTIONS FOR USE OF NUCLEAR POWER PLANT EXPERIENCE FACTORS FOR OPERATING SHIFT POSITIONS (OL APPLICANTS)"
 NOTE 2: INCLUDE ALL SHIFT SUPERVISORS (SS), SHIFT SRO'S, REACTOR OPERATORS (RO) AND SHIFT TECHNICAL ADVISORS (STA).

CHECK ONE OF THE FOLLOWING:
 a. Shift advisors must be used to satisfy the "hot participation experience" requirements of the utility plan.
 b. Shift advisors will probably be required, at least for some shifts.

DATE August 13, 1984
 PLANT NAME River Bend
 UTILITY GSI
 O.L. DATE 4/1/85

JOB TITLE: Nuclear Control Operator
 (NOTE 2)

ENTER DATA: MONTHS/MONTHS X WEIGHTING FACTOR

WEIGHTING MAXIMUM CREDIT

TYPE OF EXPERIENCE	WEIGHTING FACTOR	MAXIMUM CREDIT	11	12	13	14	15	16	17	18	19	20
1. SAME TYPE COMMERCIAL SRO	1.00	NO LIMIT										
2. OTHER COMMERCIAL SRO	.75	NO LIMIT										
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT										
4. OTHER COMMERCIAL RO	0.75	NO LIMIT										
5. NAVY (MILITARY) NUCLEAR (RO, ENC., BOON, PIND) (OTHER)	0.50	36 MONTHS										
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	0.25	12 MONTHS (12 MONTHS) (9 MONTHS)	12/6	0	0	12/6	0/0	0/0	12/6	32/16	12/6	0/0
7. NUCLEAR PLANT EXPERIENCE ON SHIFT (OWN PLANT) (LESS THAN 1 1/2 YEARS PRIOR TO F.L.) (MORE THAN 1 1/2 YEARS PRIOR TO F.L.)	0.75	24 MONTHS (12 MONTHS) (12 MONTHS)	79	0	0	32	0/0	0/0	44	46	44	36
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	19.75	0	0	8			11	11.5	11	9
9. PARTICIPATION AT OPERATING PLANT	0.50	9 MONTHS	*	*	*	*	*	*	*	*	*	*
10. OTHER NUCLEAR PLANT EXPERIENCE	0.75	12 MONTHS	0	0	0	0	0	0	0	0	0	0
11. CONDUCTING LICENSE TRAINING	0.25	12 MONTHS	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)	0.25	9 MONTHS	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
TOTAL NUCLEAR PLANT EXPERIENCE:			40	70	100	70	110	120	50	77	24	-
			4	7	10	7	11	12	5	7.7	2.4	
			103.88	12.88	12.88	56.88	12.88	12.88	68.88	90.88	68.88	48.8
			41.65	18.9	21.9	32.9	22.9	23.9	33.9	47.1	31.3	20.9
NOT PARTICIPATION EXPERIENCE												
			4	4	4	4	4	4	4	4	4	4
			No	No	No	No	No	No	No	No	No	No
			1	1	1	1	1	1	1	1	1	1

Projected to 4/1/85
 * .88/4.5

TIME > 20% PER/HR (MRS)
 STARTUP & SHUTDOWN (TES/NO)
 MONTHS ON SHIFT

NOTE 1: SEE "INSTRUCTIONS FOR USE OF NUCLEAR POWER PLANT EXPERIENCE FACTORS FOR OPERATING SHIFT POSITIONS (OL APPLICANTS)"
 NOTE 2: INCLUDE ALL SHIFT SUPERVISORS (SS), SHIFT SRO'S, REACTOR OPERATORS (RO), SHIFT TECHNICIANS, ADVISORS (STA).

CHECK ONE OF THE FOLLOWING:

a. Shift advisors must be used to satisfy the "not participation experience" requirements of the utility plan.
 b. Shift advisors will probably be required, at least for some shifts.

DATE August 13, 1984

PLANT NAME Blyess Bend

UTILITY GSI

O.L. DATE 4/1/85

OPERATING SHIFT EXPERIENCE

JOB TITLE: Nuclear Control Operator (NOTE 2)

NUCLEAR POWER PLANT EXPERIENCE FOR OPERATING SHIFT POSITIONS (NOTE 1)

TYPE OF EXPERIENCE	WEIGHTING FACTOR	MAXIMUM CREDIT	21	22	23	24	25	26	27	28	29	30
1. SAME TYPE COMMERCIAL SRO	1.00	NO LIMIT										
2. OTHER COMMERCIAL SRO	.75	NO LIMIT										
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT										
4. OTHER COMMERCIAL RO	0.75	NO LIMIT										
5. NAVY (MILITARY) NUCLEAR (RO, ENC, EOM, FPMG) (OTHERS)	0.50 0.25	36 MONTHS	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	*	*	*	*	*	*	*	*		
7. NUCLEAR PLANT EXPERIENCE ON DRIFT (OWN PLANT) (LESS THAN 1 1/2 YEARS PRIOR TO P.L.) (MORE THAN 1 1/2 YEARS PRIOR TO P.L.)	0.75 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	0/0	0/0	1/3	1/3	0/0	0/0	0/0	0/0		
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	6/3	6/3	6/3	6/3	6/3	6/3	6/3	6/3		
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS										
11. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS										
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)		12 MONTHS (12 MONTHS) (6 MONTHS)	27	27	0	77	137.9					
TOTAL NUCLEAR PLANT EXPERIENCE:			2.7	2.7	0	7.7	12					
			12.88	12.88	57.88	61.88	66.88					
			14.6	14.6	26.9	34.6	37.4					

NOT PARTICIPATION EXPERIENCE

TIME = 20% (M/M/W) (M/S) STARTUP & SHUTDOWN (YES/NO) MONTHS ON DRIFT

NOTE 1: SEE INSTRUCTIONS FOR USE OF NUCLEAR POWER PLANT EXPERIENCE FACTORS FOR OPERATING, SHIFT POSITIONS (OL APPLICANTS) NOTE 2: INCLUDE ALL DRIFT SUPERVISORS (SS), SHIFT SRO'S, REACTOR OPERATORS (RO) AND SHIFT TECHNICAL ADVISORS (STA).

CHECK ONE OF THE FOLLOWING:

a. Shift advisors must be used to satisfy the "not participation experience" requirements of the utility plan. b. Shift advisors will probably be required, at least for some shifts.

Projected to 4/1/85 * .88/4.4

DATE August 13, 1984

PLANT NAME River Bend

UTILITY GSU

O.L. DATE 4/1/85

OPERATING SHIFT EXPERIENCE

JOB TITLE: Shift Supervisor
(NOTE 2)

ENTER DATA: MONTHS/MONTHS X WEIGHTING FACTOR

NUCLEAR POWER PLANT EXPERIENCE FOR OPERATING SHIFT POSITIONS (NOTE 1)

TYPE OF EXPERIENCE	WEIGHTING FACTOR	MAXIMUM CREDIT	MONTHS/MONTHS X WEIGHTING FACTOR												
			1	2	3	4	5	6	7	8	9	10			
1. SAME TYPE COMMERCIAL SRO	1.00	NO LIMIT			24/24	48/48	80/80								
2. OTHER COMMERCIAL SRO	.75	NO LIMIT													
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT		80/22.5											
4. OTHER COMMERCIAL RO	0.75	NO LIMIT			52/52		64/64	31/31							
5. NAVY (MILITARY) NUCLEAR (RO, ENG, BOOM, PWS) (OTHER)	0.50	36 MONTHS	0/0	89/19.5	0	60/30									
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	0.25	12 MONTHS (12 MONTHS) (9 MONTHS)	4/11.25	8/2	6/1.5	6/1.5									
7. NUCLEAR PLANT EXPERIENCE ON SHIFT (OWN PLANT) (LESS THAN 1 1/2 YEARS PRIOR TO F.L.) (MORE THAN 1 1/2 YEARS PRIOR TO F.L.)	5.00 3.00	24 MONTHS (12 MONTHS) (12 MONTHS)	*	*	*	*	*	*							
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.75 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	x/x	1/3	.5/1.5	1/3	1/3	1/3							
9. PARTICIPATION AT OPERATING PLANT	0.50	9 MONTHS	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5						
10. OTHER NUCLEAR PLANT EXPERIENCE	0.75	12 MONTHS	6/3	4/2	4/2	4/2	4/2	4/2	6/3						
11. CONDUCTING LICENSE TRAINING	0.25	12 MONTHS	164/12		47/12	24/12	20/12	24/12							
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) - (BACHELORS DEGREE) (ASSOCIATES DEGREE)	0.25	9 MONTHS		24/6		24/6		12/3							
TOTAL NUCLEAR PLANT EXPERIENCE:		12 MONTHS (12 MONTHS) (6 MONTHS)	70/7	Bach. 12	-	-	-	49.9/4							
			221.88	112.88	140.38	173.88	186.88	80.88							
			42.15	73.9	101.9	111.4	170.4	64.9							
<u>NOT PARTICIPATION EXPERIENCE</u>															
TIME - 201 (HR/WK) (WKS)			164	30	71	48	173	46							
STARTUP & SHUTDOWN (YES/NO)			Yes	Yes	Yes	Yes	Yes	Yes							
MONTHS ON SHIFT			164	30	71	48	173	46							

Projected to 4/1/85
* .88/4.4

NOTE 1: SEE "INSTRUCTIONS FOR USE OF NUCLEAR POWER PLANT EXPERIENCE FACTORS FOR OPERATING SHIFT POSITIONS (OL APPLICANTS)"

NOTE 2: INCLUDE ALL SHIFT SUPERVISORS (SS), SHIFT SRO'S, REACTOR OPERATORS (RO) AND SHIFT TECHNIC. ADVISORS (STA).

CHECK ONE OF THE FOLLOWING:

- a. Shift advisors must be used to satisfy the "hot participation experience" requirements of the utility plan.
- b. Shift advisors will probably be required.

DATE August 13, 1984
 PLANT NAME Riverbend
 UTILITY CSU
 O.L. DATE 4/1/85

OPERATING SHIFT EXPERIENCE

JOB TITLE: Control Operating Foreman
 (NOTE 2)

ENTER DATA: MONTHS/MONTHS X WEIGHTING FACTOR

NUCLEAR POWER PLANT EXPERIENCE FOR OPERATING SHIFT POSITIONS (NOTE 1)

TYPE OF EXPERIENCE	WEIGHTING FACTOR	MAXIMUM CREDIT	MONTHS/MONTHS X WEIGHTING FACTOR																	
			1	2	3	4	5	6	7	8	9	10								
1. SAME TYPE COMMERCIAL SRO	1.00	NO LIMIT																		
2. OTHER COMMERCIAL SRO	.75	NO LIMIT																		
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT																		
4. OTHER COMMERCIAL RO	0.75	NO LIMIT																		
5. NAVAL (MILITARY) NUCLEAR (RO, ETC., DDOW, PPMO) (OTR. 1)	0.50	36 MONTHS										72/72				60/60				
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	0.25	12 MONTHS	30/15	40/20	57/28.5	0	0	0	0	0	0	36/18	0/0							
7. NUCLEAR PLANT EXPERIENCE ON SHIFT (OWN PLANT) (LESS THAN 1 1/2 YEARS PRIOR TO P.L.) (MORE THAN 1 1/2 YEARS PRIOR TO P.L.)	5.00 3.00	(12 MONTHS) (9 MONTHS)	74/18.5	56/14	-/-	0	0	0	0	0	0	15/3.75	0/0							
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.75 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	*	*	*	*	*	*	*	*	*	*	*							
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	-	1/3	1/3	1/3	1/3	1/3	1/3	1/3	1/3	0/0	1/3							
10. OTHER NUCLEAR PLANT EXPERIENCE	0.50	9 MONTHS	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5	6/4.5
11. CONDUCTING LICENSE TRAINING	0.25	12 MONTHS	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)	0.25	9 MONTHS	6/3	4/2	4/2	4/2	4/2	4/2	4/2	4/2	4/2	4/2	4/2	4/2	4/2	4/2	4/2	4/2	4/2	4/2
TOTAL NUCLEAR PLANT EXPERIENCE:												36/9				60/12				
			90 hr 9 mo	70 hr 7	100 10	30 3	18 1.8	62 6.2	110 11	61 6.1										
			116.88 54.4	107.98 54.9	68.88 52.4	11.88 16.9	11.88 15.7	119.88 101.1	61.88 43.65	131.88 92										
			4	4	4	4	8	108	4	120										
			No	No	No	No	Yes	Yes	No	Yes										
			1	1	1	1	2	108	1	120										

Projected to 4/1/85
 * .88/4.4

NOT PARTICIPATION EXPERIENCE

TIME = 204 hrs/wk (hrs)
 STARTUP & SHUTDOWN (YES/NO)
 MONTHS ON SHIFT

NOTE 1: SEE "INSTRUCTIONS FOR USE OF NUCLEAR POWER PLANT EXPERIENCE FACTORS FOR OPERATING SHIFT POSITIONS (FOR APPLICANTS)"
 NOTE 2: INCLUDE ALL SHIFT SUPERVISORS (SS), SHIFT SRO'S, REACTOR OPERATORS (RO) AND SHIFT TECHNICAL ADVISORS (STA).

CHECK ONE OF THE FOLLOWING:
 a. Shift advisors must be used to satisfy the "hot participation experience" requirements of the utility plan.
 b. Shift advisors will probably be required.