

UNION ELECTRIC COMPANY

1901 GRATIOT STREET
ST. LOUIS, MISSOURI

DONALD F. SCHNELL
VICE PRESIDENT

March 13, 1984

MAILING ADDRESS:
P. O. BOX 149
ST. LOUIS, MISSOURI 63166

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

ULNRC- 764

Dear Mr. Denton:

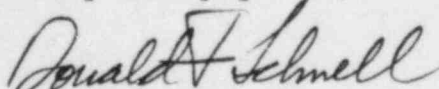
DOCKET NUMBER 50-483
CALLAWAY PLANT, UNIT 1
OPERATING SHIFT EXPERIENCE

The Utility Group on Operating Shift Experience met with the NRC Commissioners on February 24, 1984 to present a plan for assuring that all new plants would be started and operated with a proper level of experience on shift. A portion of this presentation dealt with a method for evaluating the nuclear-related experience of key shift personnel.

Attached for your information is a set of tables which defines the nuclear plant experience of our Shift Supervisors, Senior Operators, Reactor Operators and Shift Technical Advisors. The tables are based on the experience categories, weighting factors and maximum time credits proposed by the Utility Group.

Please note that qualified shift advisors must be used at Callaway to satisfy the "hot participation experience" requirements of the Utility Group plan.

Very truly yours,


Donald F. Schnell

DFS/lkr
Attachment

cc: Mr. Hugh Thompson, w/a
Mr. Bruce Little, NRC Resident Inspector, w/a

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DATE MARCH 8, 1984
 PLANT NAME CALLAWAY
 UTILITY UNION ELECTRIC
 O.L. DATE APRIL 20, 1984

OPERATING SHIFT EXPERIENCE

JOB TITLE: SHIFT SUPERVISORS
 (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	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	—	—	—	—	—	72	—	—	—	—
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	—	—	—	—	—	—	—	—	—	—
5. NAVY (MILITARY) NUCLEAR (RO, EWS, EOOW, PPWS) (OTHER)	0.50 0.25	36 MONTHS	60/30	60/30	—	24/12 24/6	—	60/15	24/12	—	—	—
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	2/10	2/10	2/10	2/10	2/10	2/10	2/10	—	—	—
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 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	15/11.25 10/5	12/9 10/5	15/11.25 24/12	15/11.25 —	15/11.25 24/12	8/6 8/4	12/9 18/9	—	—	—
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	8/4	8/4	8/4	8/4	8/4	6/3	8/4	—	—	—
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	15/1	15/1	15/1	15/1	15/1	—	15/1	—	—	—
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	—	4/1	8/2	30/9	8/2	30/7.5	4/1	—	—	—
11. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS	—	—	—	12/3	—	12/3	—	—	—	—
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)	— — —	12 MONTHS (12 MONTHS) (6 MONTHS)	—	12	6	—	6	3	12	—	—	—
TOTAL NUCLEAR PLANT EXPERIENCE:			61.25	72	46.25	56.25	46.25	123.5	58	—	—	—
<u>HOT PARTICIPATION EXPERIENCE</u>												
TIME > 20% PWR/BWR (WKS)			6	6	6	6	6	>52	6	—	—	—
STARTUP & SHUTDOWN (YES/NO)			Yes	Yes	Yes	Yes	Yes	Yes	Yes	—	—	—
MONTHS ON SHIFT			—	—	—	—	—	72	—	—	—	—

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.
- ☐ c. Do not plan to use shift advisors unless some unforeseen circumstance arises.

NOTE: Time spent at operating plants as shown in this section must be classified as "Observation Training" since we cannot document that trainees participated in control room activities in accordance with the definition of "Hot Participation Experience".

DATE MARCH 8, 1984PLANT NAME CALLAWAYUTILITY UNION ELECTRICO.L. DATE APRIL 20, 1984

OPERATING SHIFT EXPERIENCE

JOB TITLE: SHIFT SRO'S
(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	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	—	—	—	—	—	—	—	—	3	—
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	—	—	—	—	—	—	—	—	—	—
5. NAVY (MILITARY) NUCLEAR (RO, EWS, EOW, PPWS) (OTHER)	0.50 0.25	36 MONTHS	—	—	60/30	60/30	60/30	—	—	60/30	60/30	60/30
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	2/10	2/10	2/10	2/10	2/10	2/10	2/10	2/10	1/5	2/10
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 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	12/9 18/9	15/11.25 —	15/11.25 12/6	8/6 6/3	12/9 10/5	12/9 18/9	12/9 24/12	15/11.25 10/5	4/3 —	15/11.25 12/6
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	8/4	8/4	8/4	8/4	8/4	8/4	8/4	8/4	8/4	8/4
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	1.5/1	1.5/1	1.5/1	1.5/1	1.5/1	1.5/1	1.5/1	1.5/1	—	1.5/1
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	—	—	—	—	12/3	—	8/2	4/1	30/2.5	—
11. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS	—	—	—	—	—	—	—	—	48/9	—
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)	—	12 MONTHS (12 MONTHS) (6 MONTHS)	—	3	—	3	12	6	—	12	6	6
TOTAL NUCLEAR PLANT EXPERIENCE:			33	29.25	62.25	57	74	39	38	74.25	67.5	68.25

HOT PARTICIPATION EXPERIENCE

TIME > 20% PWR/BWR (WKS)

STARTUP & SHUTDOWN (YES/NO)

MONTHS ON SHIFT

6	6	6	6	6	6	6	6	6	12	6
Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No
—	—	—	—	—	—	—	—	—	3	—

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.
- ☐ c. Do not plan to use shift advisors unless some unforeseen circumstance arises.

NOTE: Time spent at operating plants as shown in this section must be classified as "Observation Training" since we cannot document that trainees participated in control room activities in accordance with the definition of "Hot Participation Experience".

DATE MARCH 8, 1984
PLANT NAME CALLAWAY
UTILITY UNION ELECTRIC
O.L. DATE APRIL 26, 1984

OPERATING SHIFT EXPERIENCE
JOB TITLE: SHIFT SRO'S
(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	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, ENS, EOOM, PFMS) (OTHER)	0.50 0.25	36 MONTHS	24/12 24/6	24/12 8/9	60/30	60/15	—	—	—	—	—	—
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	2/10	2/10	2/10	2/10	2/10	—	—	—	—	—
7. NUCLEAR PLANT EXPERIENCE OR 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 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	12/4 24/12	15/10 24/12	15/10 8/4	12/9 24/12	15/12 10/5	—	—	—	—	—
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	8/4	8/4	8/4	8/4	8/4	—	—	—	—	—
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	15/1	1/7	15/1	15/1	15/1	—	—	—	—	—
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	8/2	36/9	—	—	—	—	—	—	—	—
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)	6	3	—	6	12	—	—	—	—	—
TOTAL NUCLEAR PLANT EXPERIENCE:	—	—	56	71	60.25	57	43.25	—	—	—	—	—

NOTE: Time spent at operating plants as shown in this section must be classified as "Observation Training" since we cannot document that trainees participated in control room activities in accordance with the definition of "Hot Participation Experience".

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

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

TIME > 20% FWR/BWR (WKS)
STARTUP & SHUTDOWN (YES/NO)
MONTHS ON SHIFT

☒ 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.
☐ c. Do not plan to use shift advisors unless some unforeseen circumstance arises.

DATE MARCH 8, 1984
PLANT NAME CALLAWAY
UTILITY UNION ELECTRIC
O.L. DATE April 20, 1984

OPERATING SHIFT EXPERIENCE

JOB TITLE: SHIFT TECHNICAL ADVISORS
(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	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, EWS, EOOW, PPWS) (OTHER)	0.50 0.25	36 MONTHS	60/30	—	24/12	—	—	—	60/30	36/18	72/36	—
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	2/10	1/5	1/5	1/5	1/5	1/5	1/5	1/5	2/10	—
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 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	3/2.25	3/2.25	3/2.25	—	—	—	—	3/2.25	—	—
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	2.5/1.25	—	—	—	—	—	—	—	3/1.5	—
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	—	—	—	—	—	—	—	—	—	—
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	—	—	—	—	—	—	—	—	—	—
11. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS	—	—	—	—	—	—	—	—	48/9	—
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)	— — —	12 MONTHS (12 MONTHS) (6 MONTHS)	12	12	12	12	12	12	12	12	12	—
TOTAL NUCLEAR PLANT EXPERIENCE:			55.5	19.25	31.25	17	17	17	47	37.25	68.5	—
HOT PARTICIPATION EXPERIENCE												
TIME > 20% PWR/BWR (WKS)			—	—	—	—	—	—	—	—	—	—
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.
☐ c. Do not plan to use shift advisors unless some unforeseen circumstance arises.

NOTE: Time spent at operating plants as shown in this section must be classified as "Observation Training" since we cannot document that trainees participated in control room activities in accordance with the definition of "Hot Participation Experience".

DATE MARCH 8, 1984PLANT NAME CALLAWAYUTILITY UNION ELECTRICO.L. DATE APRIL 20, 1984NUCLEAR POWER PLANT EXPERIENCE
FOR OPERATING SHIFT POSITIONS (NOTE 1)

OPERATING SHIFT EXPERIENCE

JOB TITLE: Reactor Operators
(NOTE 2)

ENTER DATA: MONTHS/MONTHS X WEIGHTING FACTOR

TYPE OF EXPERIENCE	WEIGHTING FACTOR	MAXIMUM CREDIT	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 (RC, EWS, EOW, PPWS) (OTHER)	0.50 0.25	36 MONTHS	—	—	—	—	60/15	60/15	60/30	60/30	60/15	60/30
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	2/10	2/10	2/10	2/10	2/10	2/10	2/10	2/10	2/10	2/10
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 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	15/11	15/11	15/11	15/11	15/11	8/6	12/9	15/11	12/9	8/6
			5/2.5	17/8.5	5/2.5	5/2.5	17/8.5	6/3	10/5	10/5	10/5	6/3
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	8/4	8/4	8/4	8/4	8/4	8/4	8/4	8/4	8/4	8/4
			1/75	1/75	1/75	1/75	1/75	1/75	1/75	1/75	1/75	1/75
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	—	—	12/3	—	—	—	—	—	—	—
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)	—	—	—	—	—	—	—	—	—	—
TOTAL NUCLEAR PLANT EXPERIENCE:			28.25	34.25	31.25	28.25	49.25	38.75	58.75	60.75	43.75	53.75
HOT PARTICIPATION EXPERIENCE												
TIME > 20% PWR/R/R (WKS)			4	4	4	4	4	4	4	4	4	4
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.
- ☐ c. Do not plan to use shift advisors unless some unforeseen circumstance arises.

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DATE MARCH 2, 1984PLANT NAME CALLAWAYUTILITY UNION ELECTRICO.L. DATE APRIL 20, 1984NUCLEAR POWER PLANT EXPERIENCE
FOR OPERATING SHIFT POSITIONS (NOTE 1)

OPERATING SHIFT EXPERIENCE

JOB TITLE: REACTOR OPERATORS
(NOTE 2)

ENTER DATA: MONTHS/MONTHS X WEIGHTING FACTOR

TYPE OF EXPERIENCE	WEIGHTING FACTOR	MAXIMUM CREDIT	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, EWS, EOWW, PPWS) (OTHER)	0.50 0.25	36 MONTHS	72/18	—	—	—						
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	2/10	2/10	2/10	2/10						
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 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	12/9 5/2.5	12/9 5/2.5	8/6	8/6						
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	8/4	8/4	8/4	8/4						
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	1/75	1/75	1/75	1/75						
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	—	—	14/35	14/35						
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)	—	—	—	6						
TOTAL NUCLEAR PLANT EXPERIENCE:			44.25	26.25	24.25	30.25						
HOT PARTICIPATION EXPERIENCE												
TIME > 20% PWR/BWR (WKS)			4	4	4	4						
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.
- ☐ c. Do not plan to use shift advisors unless some unforeseen circumstance arises.

NOTE: Time spent at operating plants as shown in this section must be classified as "Observation Training" since we cannot document that trainees participated in control room activities in accordance with the definition of "Hot Participation Experience".