



THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

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MURRAY R. EDELMAN
VICE PRESIDENT
NUCLEAR

February 6, 1985
PY-CEI/NRR-0185 L

Mr. B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington D. C. 20555

Perry Nuclear Power Plant
Dockets Nos. 50-440; 50-441
Update of Operator Staffing
Experience Tables

Dear Mr. Youngblood:

As you requested in your letter dated January 16, 1985, enclosed are updated tables reflecting the nuclear power plant experience for operating shift positions at the Perry Nuclear Power Plant. The two sets of tables reflect current staffing experience levels and the levels projected at the time of fuel load for Unit 1, currently scheduled for June 1985. The information provided is based on present operators participating on shift or in license training from now until fuel load. In addition, an additional table of experience levels for current on-staff operations personnel is provided.

Experience information is also included for our Shift Technical Advisors, four of whom recently completed eleven-month assignments at the Susquehanna Steam Electric Station, participating in the Unit 2 power ascension test program. These four STA's will be licensed as Senior Operators and assigned on shift. These four STA's, along with two experienced Shift Supervisors, will fulfill our Hot Participation experience requirement. Therefore, we do not plan to use consultants as shift advisors.

Please feel free to contact me if you should have any questions.

Very truly yours,

Murray R. Edelman
Vice President
Nuclear Group

MRE:njc

Attachment

cc: Jay Silberg, Esq.
John Stefano (2)
J. Grobe

8502150115 850206
PDR ADOCK 05000440
V PDR

Bool
1/1

DATE February 1, 1985

OPERATING SHIFT EXPERIENCE

PLANT NAME Perry Nuclear Power Plant
 UTILITY Cleveland Electric Illuminating Company

JOB TITLE: Shift Supervisors
 (NOTE 2)

O.L. DATE June 1985

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	0/0	0/0	0/0	0/0	36/36	0/0							
2. OTHER COMMERCIAL SRO	.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0							
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT	0/0	30/30	0/0	0/0	25/25	0/0							
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0							
5. NAVY (MILITARY) NUCLEAR (RO, EWS, EDOW, PPHS) (OTHER)	0.50	36 MONTHS	14/7	0/0	12/6	26/13	42/21	50/25							
	0.25		0/0	72/18	35/8.8	24/6	0/0	0/0							
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00	12 MONTHS (12 MONTHS)	.4/2	.4/2	.6/3	.6/3	.6/3	.4/2							
	3.00	(9 MONTHS)	1/3	.2/.6	1/3	1.2/3.6	1/3	1/3							
7. NUCLEAR PLANT EXPERIENCE ON SHIFT (OHR 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)	0/0	0/0	2.9/2.2	10.8/ 8.1	3/2.3	0/0							
	0.50	(12 MONTHS)	10/5	0/0	6/3	6/3	2/1	2/6							
8. LICENSED CLASSROOM TRAINING AND EXAM (OHR PLANT)	0.50	9 MONTHS	4.4/2.2	4.4/2.2	7/3.5	5/2.5	1/.5	4.4/2.2							
			1.5/1.1	3/1.2	1.7/1.3	1.5/1.1	12/9	1.5/1.1							
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	63/12	74/12	78/12	80/12	34/8.5	76/12							
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS													
11. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS	0/0	0/0	0/0	0/0	0/0	0/0							
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)		12 MONTHS (12 MONTHS) (5 MONTHS)	# *		# *	# *		*							
			9	3	6	10	1	6							
TOTAL NUCLEAR PLANT EXPERIENCE:			41.3	79.8	48.8	62.3	110.3	57.3							
<u>HOT PARTICIPATION EXPERIENCE</u>															
TIME * 20% PWR/BWR (WRS)			6	130	7	6	264	6							
STARTUP & SHUTDOWN (YES/NO)			Yes	Yes	Yes	Yes	Yes	Yes							
MONTHS ON SHIFT			1.5	30	1.7	1.5	61	1.5							

* SRO Upgrade Program
 to train as an STA
 # Associates Degree

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).

Assumption: 4 weeks = 1 month of experience.

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.

DATE February 1, 1985

PLANT NAME Perry Nuclear Power Plant

UTILITY Cleveland Electric Illuminating Company

O.L. DATE June 1985

OPERATING SHIFT EXPERIENCE

JOB TITLE: Unit 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	MONTHS/MONTHS X WEIGHTING FACTOR										
			1	2	3	4	5	6	7	8	9	10	
1. SAME TYPE COMMERCIAL SRO	1.00	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
2. OTHER COMMERCIAL SRO	.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
5. NAVY (MILITARY) NUCLEAR (RO, CNS, EORN, PMS) (OTHER)	0.50 0.25	36 MONTHS	94/36 24/0	18/9 36/9	2/1 46/11.5	74/36 0/0	0/0 0/0	0/0 0/0	0/0 0/0	36/18 30/7.5	0/0 0/0		
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	1.6/8 0/0	1.6/8 0/0	1.6/8 0/0	1.6/8 0/0	.6/3 1/3	.6/3 1/3	.6/3 0/0	1.6/8 1/3	.6/3 1/3		
7. NUCLEAR PLANT EXPERIENCE ON SHIFT (ONN 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)	13.8/ 12/6	12.5/ 10.4	11.5/ 9.4	0/0 8.6 3/1.5	13.8/10.4 10.5	13.8/ 12/6	13.8/ 10.4	8.5/6.4 6/3	1.3/1 0/0		
8. LICENSED CLASSROOM TRAINING AND EXAM (ONN PLANT)	0.50	9 MONTHS	5/2.5	7/3.5	7/3.5	4.4/2.2	5/2.5	5/2.5	7/3.5	5/2.5	5/2.5		
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	1.5/1.1	1.5/1.1	1.5/1.1	1.5/1.1	1.5/1.1	1.5/1.1	1.5/1.1	1.5/1.1	5/3.8		
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	35/8.8	24/6	28/7	46.5/ 11.6	50/12	44/11	45/11.3	80.5/ 12			
11. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS	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)		12 MONTHS (12 MONTHS) (6 MONTHS)	* # 12	* \$ 12	* 2	* 3	* 3	* 3	* 8	* 4			
TOTAL NUCLEAR PLANT EXPERIENCE:			84.8	62.0	44.2	66.9	36.5	40.0	66.8	29.3			
<u>HOT PARTICIPATION EXPERIENCE</u>													
TIME > 20% FWR/BWR (WKS)			6	6	6	6	6	6	6	6	8		
STARTUP & SHUTDOWN (YES/NO)			Yes	Yes	No	Yes	No	No	Yes	Yes			
MONTHS ON SHIFT			1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	5		

* SRO Upgrade Program to train as an STA.

Associates Degree

\$ Bachelors in Mathematics

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).

Assumption: 4 weeks = 1 month of experience.

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 specifically required by the plant.

DATE February 1, 1985

OPERATING SHIFT EXPERIENCE

PLANT NAME Perry Nuclear Power Plant

UTILITY Cleveland Electric Illuminating Company

O.L. DATE June 1985

NUCLEAR POWER PLANT EXPERIENCE
FOR OPERATING SHIFT POSITIONS (NOTE 1)JOB TITLE: Supervising Operators
(NOTE 2)

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	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
2. OTHER COMMERCIAL SRO	.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
5. NAVY (MILITARY) NUCLEAR (RO, EWS, EGM, PPS) (OTHER)	0.50	36 MONTHS	0/0	0/0	2/1	0/0	0/0	49/24.5	2/1	0/0	2/1	8/4	
	0.25		52/13	96/24	44/11	0/0	84/21	0/0	48/12	46/11.5	46/11.5	36/9	
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00	12 MONTHS	1.4/7	1.6/8	1.6/8	.6/3	1.6/8	1.4/7	1.6/8	1.6/8	1.4/7	1.4/7	
	3.00	(9 MONTHS)	0/0	0/0	0/0	1/3	0/0	0/0	0/0	0/0	0/0	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	0/0	9.3/7	12.3/	3.8/2.3	2/1.5	0/0	10.3/	1.8/1.4	0/0	0/0	
	0.50	(12 MONTHS)	0/0	10/5	10/5 ^{9.2}	2/1	11/5.5	2/1	3/1.5 ^{7.7}	0/0	0/0	10/5	
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	4.4/2.2	6/3	1/5	1/5	6/3	4.4/2.2	7/3.5	5/2.5	4.4/2.2	4.4/2.2	
			1.5/1.1	1.5/1.1	1/8	1/8	1.5/1.1	1.5/1.1	1.5/1.1	1/8	1/8	1/8	1/8
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	36.5/	27/6.8	29/7.3	59/12	30/7.5	28/7	19/4.8	63.5/12	24.5/	24.5/	
			9.1									6.1	6.1
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	0/0	0/0	0/0	0/0	0/0	0/0	2/5	0/0	0/0	0/0	
11. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS											
			1	0	0	*	1	*	1	0	1	2	
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)		12 MONTHS (12 MONTHS) (6 MONTHS)											
			1	0	0	5	1	5	1	0	1	2	
TOTAL NUCLEAR PLANT EXPERIENCE:			33.4	54.9	42.8	28.2	48.6	47.8	41.1	36.2	29.6	36.1	
<u>HOT PARTICIPATION EXPERIENCE</u>													
TIME - 20% DWR/BWR (WKS)			6	6	4	4	6	6	6	4	4	4	
STARTUP & SHUTDOWN (YES/NO)			Yes	No	No	No	No	No	No	No	No	No	
MONTHS ON SHIFT			1.5	1.5	1	1	1.5	1.5	1.5	1	1	1	

* SRO Upgrade Program
to train as an STA

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

CHECK ONE OF THE FOLLOWING:

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

- 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 your employer's policy states otherwise.

Assumption: 4 weeks = 1 month of experience.

DATE February 1, 1985

OPERATING SHIFT EXPERIENCE

PLANT NAME Perry Nuclear Power Plant
UTILITY Cleveland Electric Illuminating Co.JOB TITLE: Supervising Operators
(NOTE 2)O.L. DATE June 1985NUCLEAR 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	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
7. OTHER COMMERCIAL SRO	.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
5. NAVY (MILITARY) NUCLEAR (RO, EWS, EOW, PMS) (OTHER)	0.50 0.25	36 MONTHS	48/24 12/3	31/15.5 0/0	47/23.5 0/0	63/31.5 0/0	9/4.5 60/15	78/36 0/0	6/3 36/9	12/6 36/9	26/13 70/17.5	72/36 0/0	
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	1.6/8 0/0	1/5 0/0	1.4/7 0/0	1.4/7 0/0	1.4/7 0/0	1.4/7 0/0	1.4/7 0/0	1/5 0/0	1.4/7 0/0	1.4/7 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 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	13.3/11 6/3	11.8/3 0/0	6/0 0/0	0/0 0/0	0/0 0/0	0/0 0/0	0/0 0/0	0/0 20/10	0/0 0/0	0/0 7/3.5	
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	5/2.5 1/8	0/0 0/0	4.4/2.2 1/8	4.4/2.2 1/8	4.4/2.2 1/8	4.4/2.2 1/8	4.4/2.2 1/8	4.4/2.2 1.5/1.1	0/0 0/0	4.4/2.2 1.5/1.1	4.4/2.2 1/8
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	16/4	25.5/6.4	23.5/5.9	22.5/5.6	24.5/6.1	23.5/5.9	6.6	27/6.8	23.5/5.9	18.5/4.6	
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	
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)	0	0	1	1	3	0	3	0	0	2	
TOTAL NUCLEAR PLANT EXPERIENCE:			56.3	30.5	40.4	48.1	38.6	51.9	31.9	36.8	46.7	56.1	
<u>HOT PARTICIPATION EXPERIENCE</u>													
TIME > 20% PWR/BWR (WKS)			4	0	4	4	4	4	6	0	6	4	
STARTUP & SHUTDOWN (YES/NO)			No	No	No	No	No	No	Yes	No	No	No	
MONTHS ON SHIFT			1	0	1	1	1	1	1.5	0	1.5	1	

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

CHECK ONE OF THE FOLLOWING:

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

- 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.

Assumption: 4 weeks = 1 month of experience.

DATE: February 1, 1985

PLANT NAME: Ferry Nuclear Power Plant
 UTILITY: Cleveland Electric Illuminating Company

O.L. DATE: June 1985
 NUCLEAR POWER PLANT EXPERIENCE
 FOR OPERATING SHIFT POSITIONS (NOTE 1)

TYPE OF EXPERIENCE	WEIGHTING FACTOR	MAXIMUM CREDIT	OPERATING SHIFT EXPERIENCE																	
			1	2	3	4	5	6	7	8	9	10								
1. SAME TYPE COMMERCIAL SRO	1.00	NO LIMIT	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
2. OTHER COMMERCIAL SRO	.75	NO LIMIT	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
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT	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
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	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
5. NAVY (MILITARY) NUCLEAR (RO, EWS, EOM, PTMS) (OTHER)	0.50 0.25	36 MONTHS	21/10.5	50/25	26/13	18/9	68/17	36/9	82/20.5	66/16.5										
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) 12 MONTHS	1/5	1/5	1/5	1/5	1/5	1/5	1/5	1/5	1/5	1/5	1/5	1/5	1/5	1/5	1/5	1/5	1/5	1/5
7. NUCLEAR PLANT EXPERIENCE OR SHIFT (ONR 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	4.8/1.6	0/0	4.8/3.6	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
8. LICENSED CLASSROOM TRAINING AND EXAM (ONR PLANT)	0.50	9 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
9. PARTICIPATION AT OPERATING PLANT	0.75	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
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	6.5/1.6	11.8	6.5/1.6	11.8	47/	47/	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
11. CONDUCTING LICENSE TRAINING	0.25	9 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)		12 MONTHS (12 MONTHS) 16 MONTHS	3.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NUCLEAR PLANT EXPERIENCE:			41.1	50.8	43.7	42.3														

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) a. Shift advisors must be used to satisfy the "hot participation experience" requirements of the utility plan.
 AND SHIFT TECHNICAL ADVISORS (STA) b. Shift advisors will probably be required, at least for some shifts.

Assumption: 4 weeks = 1 month of experience c. Do not plan to use shift advisors unless your instructions indicate otherwise.

OPERATING SHIFT EXPERIENCE

JOB TITLE: Supervising Operators
 (NOTE 2)

ENTER DATA: MONTHS/MONTHS X WEIGHTING FACTOR

HOT PARTICIPATION EXPERIENCE

TIME > 20% PNR/PIR (WKS)

STARTUP & SHUTDOWN (YES/NO)

MONTHS ON SHIFT

DATE February 1, 1985

OPERATING SHIFT EXPERIENCE

PLANT NAME Perry Nuclear Power Plant

UTILITY Cleveland Electric Illuminating Company

O.L. DATE June 1985

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

JOB TITLE: Shift Technical Advisors
(NOTE 2)

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	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
2. OTHER COMMERCIAL SRO	.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
5. NAVY (MILITARY) NUCLEAR (RO, EWS, EOW, PWS) (OTHER)	0.50	36 MONTHS	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
	0.25		0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00	12 MONTHS (12 MONTHS)	1.6/8	1/5	1/5	1/5	1.6/8	1.3/6.5	1/5	1.3/6.5				
	3.00	19 MONTHS	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	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)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
	0.50	12 MONTHS	0/0	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	6.5/3.3	0/0	0/0	0/0	5.5/2.8	3.5/1.8	0/0	3.5/1.8				
			15.5/ 11.6	0/0	0/0	0/0	12.3/ 9.2	7.8/5.9	0/0	7.3/5.5				
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	40.6/ 10.2	15/3.8	32.7/ 8.2	30/7.5	41.7/ 10.4	35/8.8	26.5/ 6.6	36.5/9.1				
			0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0			
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	12	12	12	12	12	12	12	12				
		6 MONTHS												
TOTAL NUCLEAR PLANT EXPERIENCE:			45.1	20.8	25.2	24.5	42.4	35.0	23.6	34.9				
<u>HOT PARTICIPATION EXPERIENCE</u>														
TIME > 20% PWR/PWR (WKS)			30.3/31	0	0	0	17.3/28.2	0/28.2	0	0/28.2				
STARTUP & SHUTDOWN (YES/NO)			Yes	No	No	No	Yes	Yes	No	Yes				
MONTHS ON SHIFT			15.5	0	0	0	12.3	7.8	0	7.3				

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 circumstances arise.

Assumption: 4 weeks = 1 month of experience.

DATE February 1, 1985PLANT NAME Perry Nuclear Power PlantUTILITY Cleveland Electric Illuminating CompanyO.L. DATE June 1985

OPERATING SHIFT EXPERIENCE

(Projected at Fuel Load)

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	0/0	0/0	0/0	0/0	36/36	0/0										
2. OTHER COMMERCIAL SRO	.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0										
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT	0/0	30/30	0/0	0/0	25/25	0/0										
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0										
5. NAVY (MILITARY) NUCLEAR (RO, EWS, EDOW, PPNS) (OTHER)	0.50	36 MONTHS	14/7	0/0	12/6	26/13	42/21	50/25										
	0.25		0/0	72/18	35/8.8	24/6	0/0	0/0										
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00	12 MONTHS	.5/2.5	.5/2.5	.6/3	.6/3	.6/3	.5/2.5										
	3.00	(12 MONTHS) (9 MONTHS)	1/3	.2/1.6	1/3	1.2/3.6	1/3	1/3										
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)	2.5/1.9	2.5/1.9	6.4/4.8	12/9	5.5/4.1	2.5/1.9										
	0.50	(12 MONTHS)	10/5	0/0	6/3	6/3	2/1	12/6										
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	6.6/3.3	6.6/3.3	8/4	7.8/3.9	3.2/1.6	6.6/3.3										
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	1.5/1.1	31/12	1.8/1.4	1.5/1.1	12/9	1.5/1.1										
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	63/12	74/12	78/12	80/12	53/12	76/12										
11. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS	0/0	0/0	0/0	0/0	0/0	0/0										
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)		12 MONTHS	# *		# *	# *		*										
		(12 MONTHS) (6 MONTHS)	9	3	6	10	1	6										
TOTAL NUCLEAR PLANT EXPERIENCE:			44.8	83.3	52.0	64.6	116.7	60.8										
<u>HOT PARTICIPATION EXPERIENCE</u>																		
TIME > 20% PWR/BWR (WKS)			6	130	7	6	264	6										
STARTUP & SHUTDOWN (YES/NO)			Yes	Yes	Yes	Yes	Yes	Yes										
MONTHS ON SHIFT			1.5	30	1.7	1.5	61	1.5										

* SRO Upgrade Program
to train as an STA

Associates Degree

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

CHECK ONE OF THE FOLLOWING:

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

- 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.

Assumption: 4 weeks = 1 month of experience.

DATE February 1, 1985

PLANT NAME Perry Nuclear Power Plant

UTILITY Cleveland Electric Illuminating Co.

O.L. DATE June 1985

OPERATING SHIFT EXPERIENCE (Projected at Fuel Load)

JOB TITLE: Unit 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	MONTHS/MONTHS X WEIGHTING FACTOR										
			1	2	3	4	5	6	7	8	9	10	
1. SAME TYPE COMMERCIAL SRO	1.00	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
2. OTHER COMMERCIAL SRO	.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
5. NAVY (MILITARY) NUCLEAR (RO, EWS, EOW, PWS) (OTHER)	0.50	36 MONTHS	94/36	18/9	2/1	74/36	0/0	0/0	0/0	36/18	0/0		
	0.25		24/0	36/9	46/11.5	0/0	0/0	0/0	30/7.5	0/0			
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00	12 MONTHS (12 MONTHS)	1.6/8	1.6/8	1.6/8	1.7/8.5	.6/3	.6/3	1.6/8	.6/3			
	3.00	(9 MONTHS)	0/0	0/0	0/0	0/0	1/3	1/3	1/0	1/3			
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)	15/11.3	16/12	15/11.3	2.5/1.9	15/11.3	15/11.3	12/9	2.5/1.9			
	0.50	(12 MONTHS)	12/6	8/4	3/1.5	10/5	3/1.5	12/6	6/3	0/0			
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	7.8/3.9	8/4	8/4	6.6/3.3	7.8/3.9	7.8/3.9	8/4	7.8/3.9			
			1.5/1.1	1.5/1.1	1.5/1.1	1.5/1.1	1.5/1.1	1.5/1.1	1.5/1.1	5/3.8			
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS				46.5/11.6							
			35/8.8	24/6	28/7		50/12	44/11	45/11.3	80.5/12			
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS											
11. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS	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)		12 MONTHS (12 MONTHS)	* #	* \$	*	*	*	*	*	*			
		(6 MONTHS)	12	12	2	3	3	3	8	4			
TOTAL NUCLEAR PLANT EXPERIENCE:			87.1	65.1	47.4	70.4	38.8	42.3	69.9	31.6			
<u>HOT PARTICIPATION EXPERIENCE</u>													
TIME * 20% PWR/PHR (WKS)			6	6	6	6	6	6	6	8			
STARTUP & SHUTDOWN (YES/NO)			Yes	Yes	No	Yes	No	No	Yes	Yes			
MONTHS ON SHIFT			1.5	1.5	1.5	1.5	1.5	1.5	1.5	5			

* SRO Upgrade Program to train as an STA.

Associates Degree

\$ Bachelors in Mathematics

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

CHECK ONE OF THE FOLLOWING:

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

- 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 circumstances arise.

Assumption: 4 weeks = 1 month of experience.

DATE February 1, 1985

PLANT NAME Perry Nuclear Power Plant

UTILITY Cleveland Electric Illuminating Company

O.L. DATE June 1985

OPERATING SHIFT EXPERIENCE (Projected at Fuel Load)

JOB TITLE: Supervising Operators

(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	2	3	4	5	6	7	8	9	10	
1. SAME TYPE COMMERCIAL SRO	1.00	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
2. OTHER COMMERCIAL SRO	.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
5. NAVY (MILITARY) NUCLEAR (RO, EWS, EGOW, PWS) (OTHER)	0.50 0.25	36 MONTHS	0/0	0/0	2/1	0/0	0/0	49/24.5	2/1	0/0	2/1	8/4	
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	1.5/7.5 0/0	1.6/8 0/0	1.6/8 0/0	1.6/8 1/3	1.6/8 0/0	1.5/7.5 0/0	1.6/8 0/0	1.6/8 0/0	1.5/7.5 0/0	1.5/7.5 0/0	1.5/7.5
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.)	0.75 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	2.5/1.9 0/0	11.8/8.9 10/5	14.8/11.1 10/5	6.3/4.7 2/1	4.5/3.4 1/5.5	2.5/1.9 2/1	13.8/10.4 3/1.5	2.8/2.1 0/0	2.5/1.9 0/0	2.5/1.9 10/5	2.5/1.9
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	6.6/3.3	8.2/4.1	3.2/1.6	3.2/1.6	8.2/4.1	6.6/3.3	8/4	7.8/3.9	6.6/3.3	6.6/3.3	6.6/3.3
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	1.5/1.1	1.5/1.1	1/8	1/8	1.5/1.1	1.5/1.1	1/5/1.1	1/8	1/8	1/8	1/8
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	36.5/9.1	27/6.8	29/7.3	59/12	30/7.5	28/7	19/4.8	63.5/12	24.5/6.1	24.5/6.1	24.5/6.1
11. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS	0/0	0/0	0/0	0/0	0/0	0/0	2/5	0/0	0/0	0/0	0/0
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)		12 MONTHS (12 MONTHS) (6 MONTHS)	1	0	0	5	1	5	1	0	1	2	
TOTAL NUCLEAR PLANT EXPERIENCE:			36.9	57.9	45.8	31.1	51.6	51.3	44.3	38.3	33.1	39.6	

* SRO Upgrade Program to train as an STA.

HOT PARTICIPATION EXPERIENCE

TIME - 20% PWR/NWR (WKS)	6	6	4	4	6	6	6	4	4	4
STARTUP & SHUTDOWN (YES/NO)	Yes	No	No	No	No	No	No	No	No	No
MONTHS ON SHIFT	1.5	1.5	1	1	1.5	1.5	1.5	1	1	1

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

CHECK ONE OF THE FOLLOWING:

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

- 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.

Assumption: 4 weeks = 1 month of experience.

DATE February 1, 1985

OPERATING SHIFT EXPERIENCE (Projected at Fuel Load)

PLANT NAME Perry Nuclear Power Plant

UTILITY Cleveland Electric Illuminating Company

O.L. DATE June 1985

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

JOB TITLE: Supervising Operators

(NOTE 2)

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	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
2. OTHER COMMERCIAL SRO	.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0
5. NAVY (MILITARY) NUCLEAR (RO, ENS, EDOM, PMS) (OTHER)	0.50	36 MONTHS	48/24	31/15.5	47/23.5	63/31.5	9/4.5	78/36	6/3	12/6	25/13	72/36		
	0.25		12/3	0/0	0/0	0/0	60/15	0/0	96/9	36/9	79/17.5	0/0		
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00	12 MONTHS (12 MONTHS)	1.6/8	1.2/6	1.5/7.5	1.5/7.5	1.5/7.5	1.5/7.5	1.5/7.5	1.2/6	1.5/7.5	1.5/7.5		
	3.00	(9 MONTHS)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
7. NUCLEAR PLANT EXPERIENCE ON SHIFT (ONN 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)	15.3/7.65	7.4/3.7	2.5/1.25	2.5/1.25	2.5/1.25	2.5/1.25	2.5/1.25	2.6/2	2.5/1.25	2.5/1.25		
	0.50	(12 MONTHS)	6/3	0/0	0/0	0/0	0/0	0/0	0/0	20/10	0/0	7/3.5		
8. LICENSED CL'SSROOM TRAINING AND EXAM (ONN PLANT)	0.50	9 MONTHS	7.8/3.9	2/1	6.6/3.3	6.6/3.3	6.6/3.3	6.6/3.3	6.6/3.3	2/1	6.6/3.3	6.6/3.3		
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	1/8	0/0	1/8	1/8	1/8	1/8	1.5/1.1	0/0	1.5/1.1	1/8		
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	16/4	25.5/6.4	23.5/5.9	22.5/5.6	24.5/6.1	23.5/5.9	26.5/6.6	27/6.8	23.5/5.9	18.5/4.6		
11. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS	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)		12 MONTHS (12 MONTHS) (6 MONTHS)	0	0	1	1	3	0	3	0	0	2		
TOTAL NUCLEAR PLANT EXPERIENCE:			58.2	34.5	43.9	51.6	42.1	55.4	35.4	40.8	50.2	59.6		
<u>HOT PARTICIPATION EXPERIENCE</u>														
TIME > 20% PWR/DWR (WRS)			4	0	4	4	4	4	6	0	6	4		
STARTUP & SHUTDOWN (YES/NO)			No	No	No	No	No	No	Yes	No	No	No		
MONTHS ON SHIFT			1	0	1	1	1	1	1.5	0	1.5	1		

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).

Assumption: 4 weeks = 1 month of experience.

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 specifically required.

DATE February 1, 1985

PLANT NAME Perry Nuclear Power Plant

UTILITY Cleveland Electric Illuminating Company

O.L. DATE June 1985

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

OPERATING SHIFT EXPERIENCE

(Projected at Fuel Load)

JOB TITLE: Supervising Operators

(NOTE 2)

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	0/0	0/0	0/0	0/0									
2. OTHER COMMERCIAL SRO	.75	NO LIMIT	0/0	0/0	0/0	0/0									
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT	0/0	0/0	0/0	0/0									
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	0/0	0/0	0/0	0/0									
5. NAVY (MILITARY) NUCLEAR (RO, EWS, EOW, PPNS) (OTHER)	0.50	36 MONTHS	21/10.5	50/25	26/13	18/9									
	0.25		68/17	36/9	82/20.5	56/16.5									
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00	12 MONTHS (12 MONTHS)	1.2/6	1.2/6	1.2/6	1.2/6									
	3.00	(9 MONTHS)	0/0	0/0	0/0	0/0									
7. NUCLEAR PLANT EXPERIENCE ON SHIFT (ONN 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)	4.8/3.6	0/0	7.4/5.6	0/0									
	0.50	(12 MONTHS)	0/0	0/0	0/0	0/0									
8. LICENSED CLASSROOM TRAINING AND EXAM (ONN PLANT)	0.50	9 MONTHS	2/1	2/1	2/1	2/1									
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	0/0	0/0	0/0	0/0									
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	9.1/2.3	49.6/12.4	6.5/1.6	49.6/12.4									
			0/0	0/0	0/0	0/0									
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)		12 MONTHS													
		(12 MONTHS)	3.4	0	0	0									
		(6 MONTHS)													
TOTAL NUCLEAR PLANT EXPERIENCE:			43.8	53.4	47.7	44.9									
<u>HOT PARTICIPATION EXPERIENCE</u>															
TIME > 20% PNR/WPR (WKS)			0	0	0	0									
STARTUP & SHUTDOWN (YES/NO)			No	No	No	No									
MONTHS ON SHIFT			0	0	0	0									

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

CHECK ONE OF THE FOLLOWING:

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

- 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.

Assumption: 4 weeks = 1 month of experience.

DATE February 1, 1985

PLANT NAME Perry Nuclear Power Plant

UTILITY Cleveland Electric Illuminating Company

O. L. DATE June 1985

OPERATING SHIFT EXPERIENCE

(Projected at Fuel Load)

JOB TITLE: Shift Technical Advisor
(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	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
2. OTHER COMMERCIAL SRO	.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
5. NAVY (MILITARY) NUCLEAR (RO, ENS. EODM, PMS) (OTHER)	0.50	36 MONTHS	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
	0.25		0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00	12 MONTHS	1.6/8	1/5	1/5	1/5	1.6/8	1.5/7.5	1/5	1.5/7.5			
	3.00	(12 MONTHS) (9 MONTHS)	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	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	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
	0.50	(12 MONTHS) (12 MONTHS)	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	8/4	0/0	0/0	0/0	8/4	5.5/2.8	0/0	5.5/2.8			
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	15.5/ 11.6	0/0	0/0	0/0	12.3/9.2	7.8/5.9	0/0	7.3/5.5			
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	43.6/ 10.9	19.5/ 4.9	37.2/ 9.3	34.5/ 8.6	43.7/ 10.9	37.3/ 9.3	31/7.8	38.8/9.7			
11. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS	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)		12 MONTHS											
		(12 MONTHS)	12	12	12	12	12	12	12	12			
		(6 MONTHS)											
TOTAL NUCLEAR PLANT EXPERIENCE:			46.5	21.9	26.3	25.6	44.1	37.5	24.8	37.5			
<u>HOT PARTICIPATION EXPERIENCE</u>													
TIME - 20% PWR/BWR (WKS)			30.3/31	0	0	0	17.3/28.2	0/28.2	0	0/28.2			
STARTUP & SHUTDOWN (YES/NO)			Yes	No	No	No	Yes	Yes	No	Yes			
MONTHS ON SHIFT			15.5	0	0	0	12.3	7.8	0	7.3			

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).

Assumption: 4 weeks = 1 month of experience.

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 now influenced by some other action.

DATE February 1, 1985

OPERATING SHIFT EXPERIENCE

PLANT NAME Perry Nuclear Power Plant

UTILITY Cleveland Electric Illuminating Company

O.L. DATE June 1985

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

JOB TITLE: Additional Plant Staff
(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	98/98	0/0	0/0	0/0	31/31	0/0				
2. OTHER COMMERCIAL SRO	.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0				
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT	0/0	0/0	0/0	0/0	33/33	0/0				
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0				
5. NAVY (MILITARY) NUCLEAR (RO, EWS, EDOM, PPMS) (OTHER)	0.50	36 MONTHS	23/11.5	39/19.5	36/18	0/0	0/0	72/36				
	0.25		49/12.3	27/6.8	24/6	0/0	0/0	36/0				
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00	12 MONTHS (12 MONTHS)	.3/1.5	1/5	1.2/6	.6/3	0/0	0/0				
	3.00	(9 MONTHS)	1.5/4.5	1/3	0/0	.6/1.8	0/0	.3/.9				
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)	0/0	0/0	0/0	0/0	0/0	0/0				
	0.50	(12 MONTHS)	0/0	0/0	0/0	0/0	0/0	0/0				
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	0/0	7/3.5	0/0	4.4/2.2	0/0	0/0				
			30/12	2.5/1.9	2/1.5	108/12	63/12	22/12				
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	55/12	104/12	40/10	26/6.5	36/9	105/12				
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	0/0	0/0	1.2/.3	3/.8	0/0	3/.8				
11. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS										
			12	12	12	12	0	12				
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)		12 MONTHS (12 MONTHS) (6 MONTHS)										
TOTAL NUCLEAR PLANT EXPERIENCE:			163.8	163.7	53.8	38.3	85	73.7				
<u>HOT PARTICIPATION EXPERIENCE</u>												
TIME > 204 PWR/BWR (HRS)			0/440	0/8	6/3	0/280	0/422	0/42/38 (LGR)				
STARTUP & SHUTDOWN (YES/NO)			Yes	Yes	No	Yes	Yes	Yes				
MONTHS ON SHIFT			60	2	2	3	100	10				

Staff Positions

1. Plant Manager
2. Operations Section General Supervisor
3. Acting Operations Section General Supervisor
4. Senior Nuclear Engineer
5. Senior Operations Coordinator
6. Senior Staff Engineer

* Bachelor's & Master's Degrees in Mathematics

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).

Assumption: 4 weeks = 1 month of experience.

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 circumstances arise.

DATE February 1, 1985

OPERATING SHIFT EXPERIENCE

(Projected at Fuel Load)

PLANT NAME Perry Nuclear Power PlantUTILITY Cleveland Electric Illuminating CompanyO.L. DATE June 1985NUCLEAR POWER PLANT EXPERIENCE
FOR OPERATING SHIFT POSITIONS (NOTE 1)JOB TITLE: Additional Plant Staff
(NOTE 2)

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	98/98	0/0	0/0	0/0	0/0	31/31	0/0											
2. OTHER COMMERCIAL SRO	.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0											
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT	0/0	0/0	0/0	0/0	0/0	33/33	0/0											
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	0/0	0/0	0/0	0/0	0/0	0/0	0/0											
5. NAVY (MILITARY) NUCLEAR (RO, ENS, EOOM, PPWS) (OTHER)	0.50	36 MONTHS	23/11.5	39/19.5	36/18	0/0	0/0	0/0	72/36											
	0.25		49/12.3	27/6.8	24/6	0/0	0/0	0/0	36/0											
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00	12 MONTHS	.3/1.5	1/5	1.2/6	.7/3.5	0/0	0/0	0/0											
	3.00	(9 MONTHS)	1.5/4.5	1/3	0/0	.6/1.8	0/0	0/0	.3/.9											
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.)	0.75	24 MONTHS	0/0	0/0	0/0	0/0	0/0	0/0	0/0											
	0.50	(12 MONTHS)	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	0/0	8/4	0/0	6.6/3.3	0/0	0/0												
			30/12	2.5/1.9	2/1.5	108/12	63/12	22/12												
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	59/12	107/12	44.5/11.1	28.5/7.1	39/9.8	109/12												
			0/0	0/0	1.2/.3	3/.8	0/0	0/0	0/0	0/0										
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	0/0	0/0	1.2/.3	3/.8	0/0	0/0	0/0											
			0/0	0/0	1.2/.3	3/.8	0/0	0/0	0/0	0/0										
11. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS	0/0	0/0	1.2/.3	3/.8	0/0	0/0	0/0											
			0/0	0/0	1.2/.3	3/.8	0/0	0/0	0/0	0/0										
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)	0.25	12 MONTHS	12	12	12	12	0	12												
		(12 MONTHS) (16 MONTHS)	12	12	12	12	0	12												
TOTAL NUCLEAR PLANT EXPERIENCE:			163.8	64.2	54.9	40.5	85.8	73.7												
<u>HOT PARTICIPATION EXPERIENCE</u>																				
TIME - 20% PWR/BWR (WKS)			0/440	0/8	6/3	0/280	0/422	0/42/38 (LGR)												
STARTUP & SHUTDOWN (YES/NO)			Yes	Yes	Yes	Yes	Yes	Yes												
MONTHS ON SHIFT			60	2	2	3	100	10												

Staff Positions

1. Plant Manager
2. Operations Section
General Supervisor
3. Acting Operations
Section General
Supervisor
4. Senior Nuclear
Engineer
5. Senior Operations
Coordinator
6. Senior Staff
Engineer

* Bachelor's & Master's
in MathematicsNOTE 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).Assumption: 4 weeks = 1 month of experience.

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.