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 AUTH. NAME: AUTHOR AFFILIATION
 LEMPGES, T. E.: Niagara Mohawk Power Corp.
 RECIP. NAME: RECIPIENT AFFILIATION
 DENTON, H.: Office of Nuclear Reactor Regulation, Director

map

SUBJECT: Forwards nuclear power plant experience for operating shift positions, as requested in 840301 ltr.

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 TITLE: Operator Requalification Program

NOTES: PNL 1cy FSAR'S & AMDTS ONLY.

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NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

300 ERIE BOULEVARD WEST
SYRACUSE, N.Y. 13202

50-410

THOMAS E. LEMPGES
VICE PRESIDENT—NUCLEAR GENERATION

March 5, 1984

Mr. Harold Denton, Director
Office of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, DC 20555

Re: Shift Experience Information

Dear Mr. Denton:

As requested by Mr. Donald F. Schnell in letter dated March 1, 1984, I am forwarding filled in form showing "Nuclear Power Plant Experience for Operating Shift Positions" for Nine Mile Point Unit #2. Included on sheet 1 is the advisor information requested in said letter.

Please contact me if I can be of any further assistance.

Cordially,



CRS/jkr

Enclosure

cc: Mr. Donald F. Schnell (Union Electric Company)
Mr. Hugh Thompson (U.S. Nuclear Regulatory Commission)

8403130124 840305
PDR ADCK 05000410
A PDR.

M003
1/1

DATE 3/7/84

PLANT NAME Nine Mile Point Unit #2

UTILITY Niagara Mohawk Power Corporation

O.L. DATE 2/28/86

OPERATING SHIFT EXPERIENCE

JOB TITLE: Senior Reactor Operator
(NOTE 2)

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

ENTER DATA: MONTHS/MONTHS X WEIGHTING FACTOR

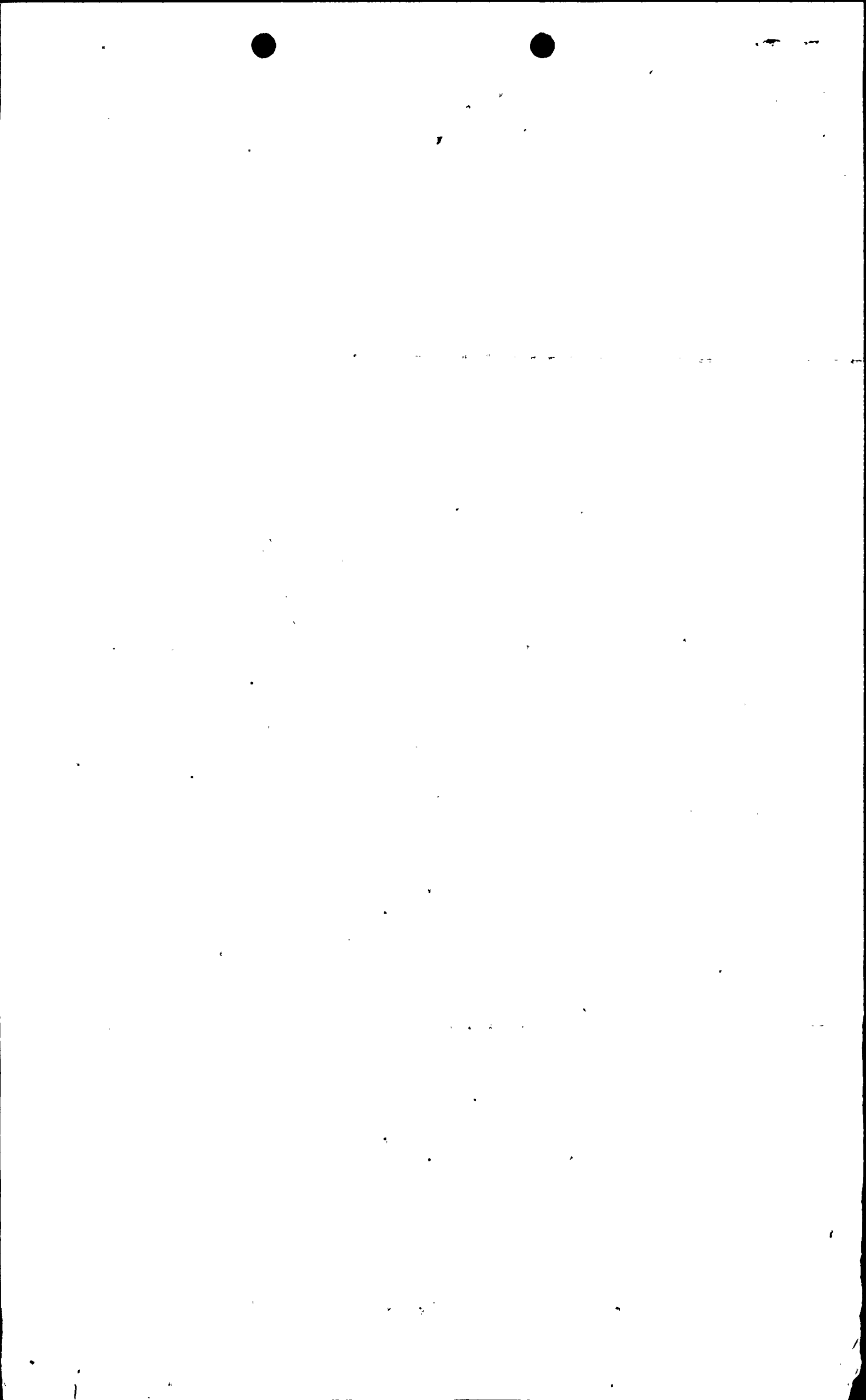
TYPE OF EXPERIENCE	WEIGHTING FACTOR	MAXIMUM CREDIT	MONTHS/MONTHS X WEIGHTING FACTOR																	
			1	2	3	4	5	6	7	8	9	10								
1. SAME TYPE COMMERCIAL SRO	1.00	NO LIMIT	48 48					53 53												
2. OTHER COMMERCIAL SRO	.75	NO LIMIT																		
3. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT	3 3	48 48	22 22	54 54				22 22										
4. OTHER COMMERCIAL RO	0.75	NO LIMIT																		
5. NAVY (MILITARY) NUCLEAR (RO, EWS, EOOW, PPWS) (OTHER)	0.50 0.25	36 MONTHS	11 5.5		51 24			60 30												
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	37 9.25		21 12	24 6	202 6	48 12												
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)	18 12	18 12	18 12	18 12	18 12	18 12	18 12	18 12										
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25											
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	18 12	28 12	11 8.25	3 2.25	24 12	39 12												
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS			2 .5	2 .5			2 .5											
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	6	6	6	6	6												
TOTAL NUCLEAR PLANT EXPERIENCE:			217.75 116.25	172.75 98.5	197.75 105.25	179.75 101.25	435.75 139.5	201.75 79												
<u>HOT PARTICIPATION EXPERIENCE</u>																				
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.



DATE 3/7/84

PLANT NAME Nine Mile Point Unit #2

UTILITY Niagara Mohawk Power Corporation

O.L. DATE 2/28/86

OPERATING SHIFT EXPERIENCE

JOB TITLE: REACTOR OPERATORS
(NOTE 2)

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

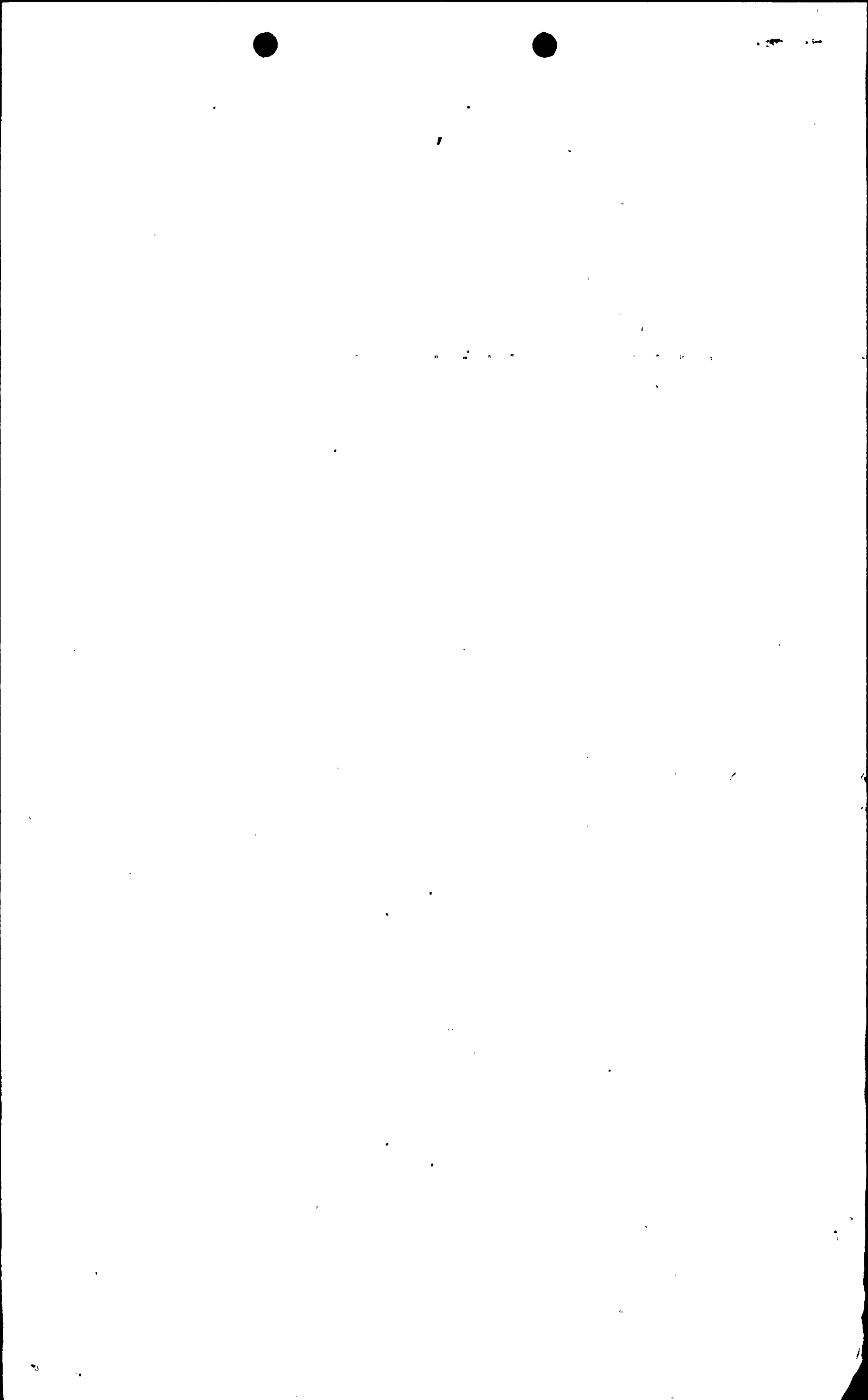
ENTER DATA: MONTHS/MONTHS X WEIGHTING FACTOR

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	31	/	/	/	/	/	/	12	/	/	/	/	/	/	/	/	/	/
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	31	/	/	/	/	/	/	12	/	/	/	/	/	/	/	/	/	/
5. NAVY (MILITARY) NUCLEAR (RO, EWS, EOW, PPWS) (OTHER)	0.50 0.25	36 MONTHS	/	18	9	/	/	/	/	/	24	12	/	/	/	/	/	/	/	/
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	
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.)	0.75 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	18 12	18 12	18 12	18 12	18 12	18 12	18 12	18 12	18 12	18 12	18 12	18 12	18 12	18 12	18 12	18 12	18 12	
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	5.5 2.75	5.5 2.75	5.5 2.75	5.5 2.75	5.5 2.75	5.5 2.75	5.5 2.75	5.5 2.75	5.5 2.75	5.5 2.75	5.5 2.75	5.5 2.75	5.5 2.75	5.5 2.75	5.5 2.75	5.5 2.75	5.5 2.75	
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	48 12	11 8.25	20 12	15 11.25	20 12	40 12	7 5.25	20 12	19 12	20 12	19 12	20 12	19 12	20 12	20 12	20 12	20 12	
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:			121.75 73	128.5 64	75.5 47.25	126.5 62	75.5 47.25	115.75 57	144.5 67	75.5 47.25	173.5 70.5	75.5 47.25	173.5 70.5	75.5 47.25	75.5 47.25	75.5 47.25	75.5 47.25	75.5 47.25	75.5 47.25	
<u>HOT PARTICIPATION EXPERIENCE</u>																				
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.



DATE 3/7/84

PLANT NAME Nine Mile Point Unit #2

UTILITY Niagara Mohawk Power Corporation

O.L. DATE 2/28/86

OPERATING SHIFT EXPERIENCE

JOB TITLE: Reactor Operators
(NOTE 2)

ENTER DATA: MONTHS/MONTHS X WEIGHTING FACTOR

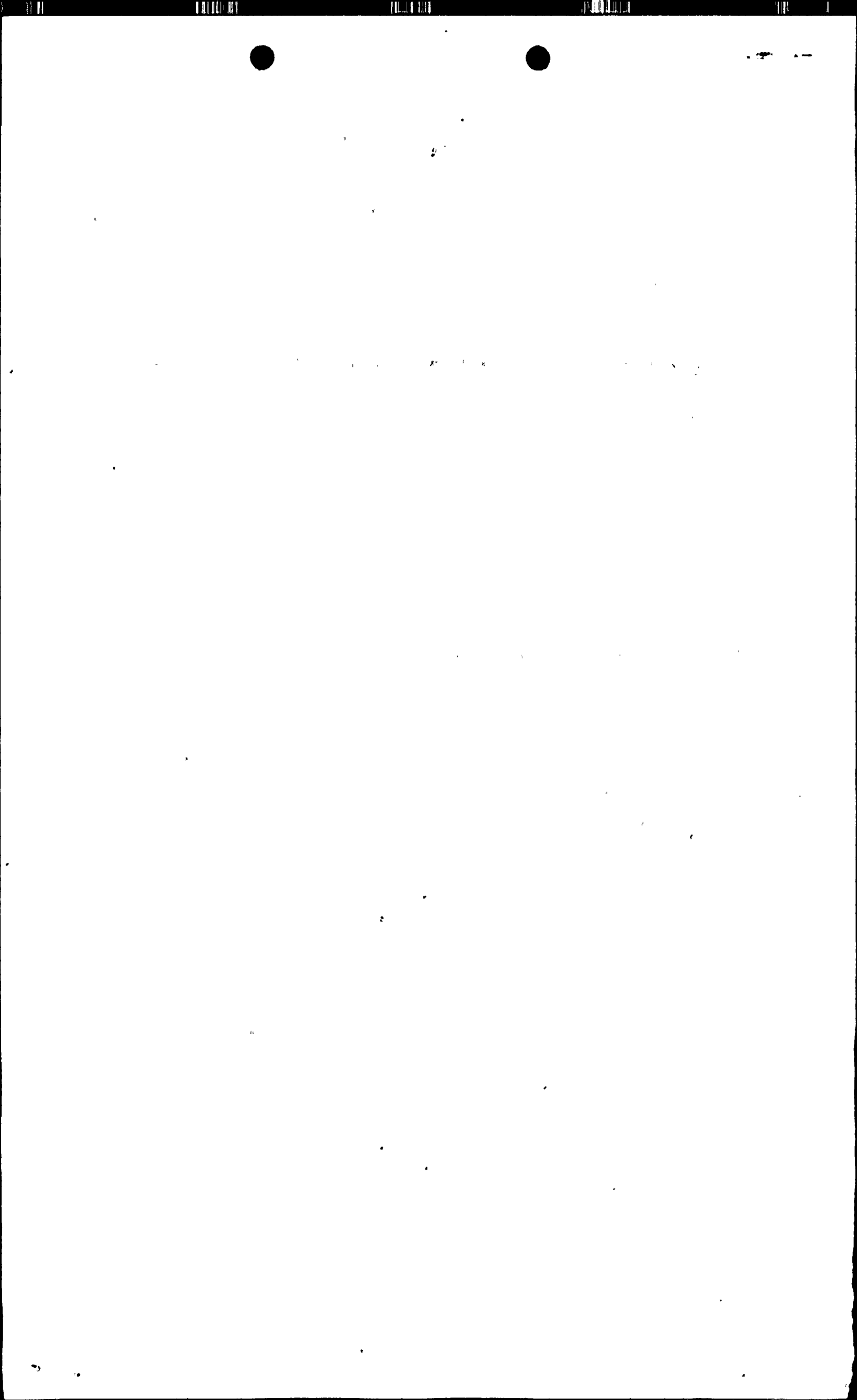
NUCLEAR POWER PLANT EXPERIENCE FOR OPERATING SHIFT POSITIONS (NOTE 1)

TYPE OF EXPERIENCE	WEIGHTING FACTOR	MAXIMUM CREDIT	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	91	91	/	/	32	32	17	17	/	/	/	/	/	/	/	/	/	/
4. OTHER COMMERCIAL RO	0.75	NO LIMIT	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5. NAVY (MILITARY) NUCLEAR (RO, EWS, EOW, PPHS) (OTHER)	0.50 0.25	36 MONTHS	31	15.5	48	24	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	39	9.75	63	12	72	18	/	72	18	72	18	/	/	/	/	/	/	/
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)	1.25	6.25	1.25	6.25	1.25	6.25	1.25	6.25	1.25	6.25	1.25	6.25	/	/	/	/	/	/
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	18	12	18	12	18	12	18	12	18	12	18	12	/	/	/	/	/	/
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS	18	9	18	9	30	12	18	9	15	7.5	18	9	/	/	/	/	/	/
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	5.5	2.25	5.5	2.25	5.5	2.25	5.5	2.25	5.5	2.25	5.5	2.25	/	/	/	/	/	/
11. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS	12	9	8	6	8	6	29	12	27	12	15	11.25	/	/	/	/	/	/
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)		12 MONTHS (12 MONTHS) (6 MONTHS)	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
TOTAL NUCLEAR PLANT EXPERIENCE:			215.75	154.75	162.5	73.75	135.5	58.75	103.75	73.5	155.75	75	130.5	61	/	/	/	/	/	/
<u>HOT PARTICIPATION EXPERIENCE</u>																				
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.



DATE 3/7/84

PLANT NAME Nine Mile Point Unit #2

UTILITY Niagara Mohawk Power Corporation

O.L. DATE 2/28/86

OPERATING SHIFT EXPERIENCE

JOB TITLE: Shift Tech. Advisor
(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, EWS, EOOW, PPHS) (OTHER)	0.50 0.25	36 MONTHS		52 26						50 25										
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25	1.25 6.25
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.)	0.75 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	17 12	17 12	17 12	12 8	12 8	17 12	17 12	17 12	17 12	17 12	17 12	17 12	17 12	17 12	17 12	17 12	17 12	17 12
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25	5.5 2.25
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS			29 12															
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS						20 5	17 4.75											
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)	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
TOTAL NUCLEAR PLANT EXPERIENCE:			35.75 32.5	87.75 58.5	63.75 44.5	120.75 55.5	56.75 36.5	104.75 62.25	97.75 38.5											
<u>HOT PARTICIPATION EXPERIENCE:</u>																				
TIME > 20% PWR/BWR (WKS)			6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
STARTUP & SHUTDOWN (YES/NO)			yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
MONTHS ON SHIFT			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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).

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