

**Detroit  
Edison**

Wayne H. Jens  
Vice President  
Nuclear Operations

2000 Second Avenue  
Detroit, Michigan 48226  
(313) 586-4150

June 18, 1984  
EF2-69,175

Director of Nuclear Reactor Regulation  
Attention: Mr. B. J. Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

Dear Mr. Youngblood:

Reference: (1) Fermi 2  
NRC Docket No. 50-341

(2) Letter dated May 25, 1984 from D. G. Eisenhower  
to W. H. Jens

Subject: Operating Shift Staffing for Fermi 2

This is in response to a request for additional information  
regarding Operating Shift Staffing for Fermi 2 (Reference  
2).

It should be noted that the letter was not received until  
June 1, thus Edison could not respond by the requested date.

The information on operating shift experience which was pro-  
vided to Mr. Denton on March 9, 1984 has been revised to  
reflect adjustments in personnel and is provided for your  
review. Should future adjustments be required in licensed  
personnel on shift, the experience requirements presented by  
the Industry Working Group on February 24, 1984 will be met  
however Edison does not intend to revise the attached  
experience matrix.

Edison intends to use shift advisors to augment the operating  
shifts from fuel loading until the experience requirements  
presented by the Industry Working Group are met without  
reliance on the shift advisor.

8406250264 840618  
PDR ADOCK 05000341  
V PDR

*Moore*  
*1/40*

Mr. B. J. Youngblood  
June 18, 1984  
EF2-69,175  
Page 2

Since Edison plans to have the shift advisors take the SRO license examination, Mr. L. P. Crocker in the Division of Human Factors Safety was contacted by telephone on June 4, 1984, to review the information requirements outlined in Enclosure 2 of your letter of May 25, 1984. The information required by Enclosure 2 is described below. Edison's responses reflect agreements with Mr. Crocker in the June 4 telecon.

NRC Request:	A resume of each shift advisor which highlights his previous operating experience.
Edison Response:	A copy of the license applications will provide the requested resume information. Copies are enclosed.
NRC Request:	A copy of the procedure which describes the duties and authority of the shift advisors and the working relationships between the advisors and the operating shift personnel.
Edison Response:	A draft copy of Administrative Operating Procedure 21.000.01, Rev. 8, "Shift Operations and Control Room" is enclosed. Shift Advisor responsibilities are contained in Enclosure 7. Operating interfaces are discussed in Section 4.0.
NRC Request:	A copy of the training program presented to the shift advisors to assure they have adequate knowledge of plant specific matters to properly perform their duties.
Edison Response:	A copy of the Training Program Description for the shift advisors is enclosed.

Mr. B. J. Youngblood  
June 18, 1984  
EF2-69,175  
Page 3

NRC Request: A copy of the written examination administered to the shift advisors and the results of the examination, if available.

Edison Response: NRC's Operator Licensing Branch will prepare the examination.

NRC Request: A description of, and copies of notes regarding, the oral examination administered to the shift advisors.

Edison Response: NRC's Operator Licensing Branch will administer the oral examination.

NRC Request: A description of the training program presented to the operating shift crews to assure they understand the role of the shift advisors.

Edison Response: Following internal approval of Administrative Operating Procedure 21.000.01, Rev. 8, (enclosed) a videotape will be prepared. The tape and procedure will be placed on the required reading/viewing list for all shift crews.

NRC Request: A statement regarding the medical qualification requirements for the shift advisors.

Edison Response: Edison's shift advisors will meet the NRC medical qualification requirements for licensed operators.

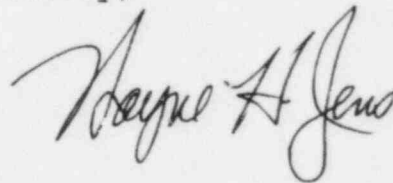
Mr. B. J. Youngblood  
June 18, 1984  
EF2-69,175  
Page 4

NRC Request: A description of the procedures that will be used to evaluate the performance of the shift advisors during plant start-up.

Edison Response: Shift Operations Advisors will be evaluated in the same manner as other shift operating personnel, using standard Detroit Edison Company practices. A copy of the performance appraisal form is enclosed.

Should you have any additional questions, please contact Mr. Keener Earle (313) 586-4211.

Sincerely,



Enclosures

cc: P. M. Byron  
M. D. Lynch  
USNRC, Document Control Desk,  
Washington, DC 20555

Mr. B. J. Youngblood  
June 18, 1984  
EF2-69,175  
Page 5

bcc: F. E. Agosti\*  
L. P. Bregni  
W. F. Colbert\*  
O. K. Earle  
W. R. Holland  
S. J. Latone  
R. S. Lenart\*  
E. Lusic  
P. A. Marquardt  
T. D. Phillips\*  
H. Tauber  
G. M. Trahey\*  
R. A. Vance  
A. E. Wegele  
Other\*\*

Approval Control\*  
O. K. Earle (Bethesda Office)  
M. S. Rager\*  
NRR Chron File\*

\*With Attachments

NAME POSITION LICENSE	COMMERCIAL NUCLEAR EXPERIENCE RO/SRO			NAVY NUCLEAR EXPERIENCE		SIMILAR SIMULATOR EXPERIENCE	NUCLEAR EXPERIENCE		TRAINING		DEGREE	EQUIVALENT TOTAL NUCLEAR PLANT EXPERIENCE
	BWR	PWR	OTHER	RO/EWS EOOW/PPWS	OTHER		OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRAINING		
MAXIMUM CREDIT ALLOWED	No Limit			36		9	12	24	9	9	12	
G. Pierce NSS SRO	4			152	46	3		17		15		68.5
DeLucia NASS SRO						3		58		15		40.5
Effan NSO SRO				79	29	3		18		15		64.5
Peterman NSO RO				42	56	3		16		15		63.5
Conoyer NSO RO				36	36	3		8		15		49.5
Karnik NSO					84			27				38.5
D. Pierce NSO				60	12	1	34	6	8			51
Reincke NSO				12	84			5				30.75
STA (*1)												
TOTAL	4			381	347	16	34	155	8	75		406.75
WEIGHING FACTOR	1.0	.75	.75	.5	.25	3.0	.25	(*2)	.25	.5	(*3)	

## LEGEND

NSS - Nuclear Shift Supervisor  
 NASS - Nuclear Assistant Shift supervisor  
 NSO - Nuclear supervising Operator  
 STA - Shift Technical Advisor

## TIME IN MONTHS

\*1 For data see STA Summation Sheet

\*2 Less than 1 1/2 years prior to Fuel Load - .75

More than 1 1/2 years prior to Fuel Load - .50

\*3 Bachelor of Science Degree - 12 months  
 Associates of Science Degree - 6 months

Attachment 1

NAME POSITION LICENSE	COMMERCIAL NUCLEAR EXPERIENCE RO/SRO			NAVY NUCLEAR EXPERIENCE		SIMILAR SIMULATOR EXPERIENCE	NUCLEAR EXPERIENCE		TRAINING		DEGREE	EQUIVALENT TOTAL NUCLEAR PLANT EXPERIENCE
	BWR	PWR	OTHER	RO, EWS EOOW, PPWS	OTHER		OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRNG.		
MAXIMUM CREDIT ALLOWED	No Limit			36		9	12	24	9	9	12	
Aniol NSS SRO						3		58		15		40.5
Speek NASS SRO				56	28	3		41		15		76
Inks NSO SRO				20	75	3		16		15		57.25
Buehler NSO RO					72	3		17		15		46.5
Stone NSO RO				71	34	3		10		15		60
Zuzich NSO	36			48	60			4				75
STA (*1)												
<b>TOTAL</b>	36			195	269	15		146		75		355.25
<b>WEIGHING FACTOR</b>	1.0	.75	.75	.5	.25	3.0	.25	(*2)	.25	.5	(*3)	

**LEGEND**

NSS - Nuclear Shift Supervisor  
 NASS - Nuclear Assistant Shift Supervisor  
 NSO - Nuclear Supervising Operator  
 STA - Shift Technical Advisor

**TIME IN MONTHS**

- \*1 For data see STA Summation Sheet  
 \*2 Less than 1½ years prior to Fuel Load - .75  
 More than 1½ years prior to Fuel Load - .50  
 \*3 Bachelor of Science Degree - 12 months  
 Associates of Science Degree - 6 months

NAME POSITION LICENSE	COMMERCIAL NUCLEAR EXPERIENCE RO/SRO			NAVY NUCLEAR EXPERIENCE		SIMILAR SIMULATOR EXPERIENCE	NUCLEAR EXPERIENCE		TRAINING		DEGREE	EQUIVALENT TOTAL NUCLEAR PLANT EXPERIENCE
	BWR	PWR	OTHER	RO, EWS EOOW, PPWS	OTHER		OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRNG.		
MAXIMUM CREDIT ALLOWED	No Limit			36		9	12	24	9	9	12	
Schehr NSS SRO						3		58		15		40.5
Flint NASS SRO				63	55	3		5		15		56.25
Burt NSO SRO	4			10	87	3		12		15		56.25
Whited NSO RO						3		17		15		28.5
Powell NSO RO				42	30	3		16		15		57
Keisic NSO				42	52			18				46
Bradley NSO				35	96			6				40.5
STA (*1)												
TOTAL	4			192	320	15		132		75		325.0
WEIGHING FACTOR	1.0	.75	.75	.5	.25	3.0	.25	(*2)	.25	.5	(*3)	

## LEGEND

## TIME IN MONTHS

NSS - Nuclear Shift Supervisor  
 NASS - Nuclear Assistant Shift Supervisor  
 NSO - Nuclear supervising Operator  
 STA - Shift Technical Advisor

\*1 For data see STA Summation Sheet  
 \*2 Less than 1½ years prior to Fuel Load - .75  
 More than 1½ years prior to Fuel Load - .50  
 \*3 Bachelor of Science Degree - 12 months  
 Associates of Science Degree - 6 months

NAME  POSITION LICENSE	COMMERCIAL NUCLEAR EXPERIENCE RO/SRO				NAVY NUCLEAR EXPERIENCE		SIMILAR SIMULATOR EXPERIENCE	NUCLEAR EXPERIENCE		TRAINING		DEGREE	EQUIVALENT TOTAL NUCLEAR PLANT EXPERIENCE
	BWR	PWR	OTHER	RO/EWS EOOW/PPWS	OTHER	OTHER PLANTS		OWN PLANT	CONDUCTING	TIME SPENT IN TRNG.			
MAXIMUM CREDIT ALLOWED	No Limit				36		9	12	24	9	9	12	
Clark NSS SRO							3		58		15		40.5
Hall NASS SRO	4			60	34		3		17		15		68.5
Palermo NSO RO				5	103		3		11		15		53
Thrift NSO RO				43	29		3		5		15		49
Hartley NSO RO				5	67		3		3		15		38
Johnson NSO				12	60				20				33.5
Valdez NSO				66	8				4				38
Teribery NSO				60	84				3				38.25
TOTAL													
WEIGHING FACTOR													

LEGEND

TIME IN MONTHS

NAME POSITION LICENSE	COMMERCIAL NUCLEAR EXPERIENCE RO/SRO			NAVY NUCLEAR EXPERIENCE		SIMILAR SIMULATOR EXPERIENCE	NUCLEAR EXPERIENCE		TRAINING		DEGREE	EQUIVALENT TOTAL NUCLEAR PLANT EXPERIENCE
	BWR	PWR	OTHER	RO,EWS EOOW,PPWS	OTHER		OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRNG.		
MAXIMUM CREDIT ALLOWED	No Limit			36		9	12	24	9	9	12	
STA (*1)												
TOTAL	4			251	385	15		121		75		358.75
WEIGHING FACTOR	1.0	.75	.75	.5	.25	3.0	.25	(*2)	.25	.5	(*3)	

## LEGEND

NSS - Nuclear Shift Supervisor  
 NASS - Nuclear Assistant Shift Supervisor  
 NSO - Nuclear Supervising Operator  
 STA - Shift Technical Advisor

## TIME IN MONTHS

- \*1 For data see STA Summation Sheet  
 \*2 Less than 1½ years prior to Fuel Load - .75  
 More than 1½ years prior to Fuel Load - .50  
 \*3 Bachelor of Science Degree - 12 months  
 Associates of Science Degree - 6 months

NAME POSITION LICENSE	COMMERCIAL NUCLEAR EXPERIENCE RO/SRO			NAVY NUCLEAR EXPERIENCE		SIMILAR SIMULATOR EXPERIENCE	NUCLEAR EXPERIENCE		TRAINING		DEGREE	EQUIVALENT TOTAL NUCLEAR PLANT EXPERIENCE
	BWR	PWR	OTHER	RO,EWS EOOW,PPWS	OTHER		OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRNG.		
MAXIMUM CREDIT ALLOWED	No Limit			36		9	12	24	9	9	12	
Henson NSS SRO				12	84	3		57		15		67.5
Ostrom NASS SRO	4					3		45		15		44.5
Hammond NSO SRO				6	66	3		8		15		42
Koralewski NOS RO						3		46		15		40.5
Davis NSO RO				43	29	3		6		15		49.75
Trimai NSO						1		32		6		25
Kline NSO				34	62			7				37.75
Kelly NSO				42	42			6				36
Goodman NSO				58	50			8				42
TOTAL												
WEIGHING FACTOR												

LEGEND

TIME IN MONTHS

NAME  POSITION  LICENSE	COMMERCIAL NUCLEAR EXPERIENCE RO/SRO			NAVY NUCLEAR EXPERIENCE		SIMILAR SIMULATOR EXPERIENCE	NUCLEAR EXPERIENCE		TRAINING		DEGREE	EQUIVALENT TOTAL NUCLEAR PLANT EXPERIENCE
	BWR	PWR	OTHER	RO,EWS EOOW,PPWS	OTHER		OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRNG.		
MAXIMUM CREDIT ALLOWED	No Limit			36		9	12	24	9	9	12	
STA (*1)												
TOTAL	4			195	333	16		215		81		385
WEIGHING FACTOR	1.0	.75	.75	.5	.25	3.0	.25	(*2)	.25	.5	(*3)	

## LEGEND

NSS - Nuclear Shift Supervisor  
 NASS - Nuclear Assistant Shift Supervisor  
 NSO - Nuclear Supervising Operator  
 STA - Shift Technical Advisor

## TIME IN MONTHS

- \*1 For data see STA Summation Sheet  
 \*2 Less than 1½ years prior to Fuel Load - .75  
 More than 1½ years prior to Fuel Load - .50  
 \*3 Bachelor of Science Degree - 12 months  
 Associates of Science Degree - 6 months

NAME POSITION LICENSE	COMMERCIAL NUCLEAR EXPERIENCE RO/SRO			NAVY NUCLEAR EXPERIENCE		SIMILAR SIMULATOR EXPERIENCE	NUCLEAR EXPERIENCE		TRAINING		DEGREE	EQUIVALENT TOTAL NUCLEAR PLANT EXPERIENCE
	BWR	PWR	OTHER	RO,EWS EOOW,PPWS	OTHER		OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRNG.		
MAXIMUM CREDIT ALLOWED	No Limit			36		9	12	24	9	9	12	
Lightfoot NSS SRO					84	3		58		15		61.5
Reece NASS SRO	4			15	55	3		15		15		53.75
Heitzenrater NSO SRO				22	76	3		4		15		48.75
Palmer NSO RO				6	66	3		21		15		49.5
Laubenstein NSO RO				36	66	3		9		15		57.75
Snyder NSO				18	84			5				33.75
Trapp NSO				108	36			6				40.5
Given NSO					84		36	7				35.25
STA (*1)												
TOTAL	4			205	551	15	36	125		75		380.75
WEIGHING FACTOR	1.0	.75	.75	.5	.25	3.0	.25	(*2)	.25	.5	(*3)	

## LEGEND

## TIME IN MONTHS

NSS - Nuclear Shift Supervisor  
 NASS - Nuclear Assistant Shift Supervisor  
 NSO - Nuclear Supervising Operator  
 STA - Shift Technical Advisor

- \*1 For data see STA Summation Sheet  
 \*2 Less than 1½ years prior to Fuel Load - .75  
 More than 1½ years prior to Fuel Load - .50  
 \*3 Bachelor of Science Degree - 12 months  
 Associates of Science Degree - 6 months

NAME	COMMERCIAL NUCLEAR EXPERIENCE				NAVY NUCLEAR EXPERIENCE		SIMILAR SIMULATOR EXPERIENCE	NUCLEAR EXPERIENCE		TRAINING		DEGREE	EQUIVALENT TOTAL NUCLEAR PLANT EXPERIENCE
	RO/SRO				RO/EWS EOOW/PPWS	OTHER		OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRNG.		
	BWR	PWR	OTHER										
MAXIMUM CREDIT ALLOWED	No Limit				36		9	12	24	9	9	12	
Dong STA							.25		47		4	12	30.5
Haupt STA							.25		86		4	12	32.75
McCracken STA							.25		46		4	12	30.25
Ohlemacher STA					48	12	3		33		4	12	62.25
Tibai STA							3		85		4	12	41
TOTAL					48	12	6.75		297		20	60	196.75
WEIGHING FACTOR	1.0	.75	.75		.5	.25	3.0	.25	(*1)	.25	.5	(*2)	

## LEGEND

STA - Shift Technical Advisor

TIME IN MONTHS

\*1 On Shift within 1½ years prior to Fuel Load -.75

Other plant experience - .25

\*2 Bachelor of Science Degree - 12 months

Associate or science Degree - 6 months

NAME POSITION LICENSE	COMMERCIAL NUCLEAR EXPERIENCE RO/SRO			NAVY NUCLEAR EXPERIENCE		SIMILAR SIMULATOR EXPERIENCE	NUCLEAR EXPERIENCE		TRAINING		DEGREE	EQUIVALENT TOTAL NUCLEAR PLANT EXPERIENCE
	BWR	PWR	OTHER	RO/EWS EOOW/PPWS	OTHER		OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRNG.		
MAXIMUM CREDIT ALLOWED	No Limit			36		9	12	24	9	9	12	
Duda SOA SRO	32						48			4	12	58
James SOA SRO	67						40	10		4		86.5
Jolley SOA SRO	82						48	8		4		102
Howard SOA SRO	155	24						4		4	12	190
Scott SOA SRO	77	8		20	44		48			4		118
<b>TOTAL</b>	413	32		20	44		184	22		20	24	554.5
<b>WEIGHING FACTOR</b>	1.0	.75	.75	.5	.25	3.0	.25	(*1)	.25	.5	(*2)	

## LEGEND

SOA - Shift Operations Advisor

## TIME IN MONTHS

- \*1 Less than 1½ years prior to Fuel Load - .75  
 More than 1½ years prior to Fuel Load - .50  
 \*2 Bachelor of Science Degree - 12 months  
 Associates of Science Degree - 6 months

NAME POSITION LICENSE	COMMERCIAL NUCLEAR EXPERIENCE RO/SRO			NAVY NUCLEAR EXPERIENCE		SIMILAR SIMULATOR EXPERIENCE	NUCLEAR EXPERIENCE		TRAINING		DEGREE	EQUIVALENT TOTAL NUCLEAR PLANT EXPERIENCE
	BWR	PWR	OTHER	RO/EWS EOOW/PPWS	OTHER		OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRNG.		
MAXIMUM CREDIT ALLOWED	No Limit			36		9	12	24	9	9	12	
Overbeck Asst. Supt. SRO				78	30	3		46		15	12	88.5
Nyquist O.E. SRO						3		46		15	12	52.5
Abramson A.O.E. SRO						3		58		15		40.5
Preston O.S. SRO						3		58		15		40.5
Plona T.E. SRO						3		78		5	12	47.5
TOTAL				78	30	15		286		65	36	269.5
WEIGHING FACTOR	1.0	.75	.75	.5	.25	3.0	.25	(*1)	.25	.5	(*2)	

## LEGEND

Asst. Supt. - Assistant Superintendent  
 O.E. - Operations Engineer  
 A.O.E. - Assistant Operations Engineer  
 O.S. - Operations Supervisor  
 T.E. - Technical Engineer

## TIME IN MONTHS

- \*1 Less than 1½ years prior to Fuel Load - .75  
 More than 1½ years prior to Fuel Load - .50  
 \*2 Bachelor of Science Degree - 12 months  
 Associates of Science Degree - 6 months

PLANT NAME Fetibi 2  
UTILITY Detroit Edison  
O.L. DATE 6-30-84

OPERATING SHIFT EXPERIENCE

JOB TITLE: Nuclear Shift Supervisor  
(NOTE 2)

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	4									
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, ECOM, PINS) (OTHER)	0.50 0.25	36 MONTHS	36				6 21	21				
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	9	9	9	9	9	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 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	12 12	12 12	12 12	12 12	12 12	12 12				
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	7.5	7.5	7.5	7.5	7.5	7.5				
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										
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)		12 MONTHS (12 MONTHS) (6 MONTHS)										
TOTAL NUCLEAR PLANT EXPERIENCE:			68.5	40.5	40.5	40.5	67.5	61.5				
NOT PARTICIPATION EXPERIENCE												
TIME > 20% PWR/RWR (WRS)			15									
STARTUP & SHUTDOWN (YES/NO)			yes									
MONTHS ON SHIFT			4									

NOTE 1: SEE "INSTRUCTIONS FOR USE OF NUCLEAR POWER PLANT EXPERIENCE FACTORS FOR CHECK ONE OF THE FOLLOWING:

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

DATE 3-6-84  
PLANT NAME Fermi 2  
UTILITY Detroit Edison  
O.L. DATE 6-30-84

OPERATING SHIFT EXPERIENCE

Page 1 of 1

JOB TITLE: Nuclear Assistant Shift Supervisor  
(NOTE 2)

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

ENTER DATA: MONTHS/MONTHS X WEIGHT AG 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				4	4	4				
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, EOOM, PPMS) (OTHER)	0.50 0.25	16 MONTHS		28 8	31.5 4.5	30 6		7.5 13.75				
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	9	9	9	9	9	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 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	12 12	12 11.5	3.75	12	12 12	12				
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	7.5	7.5	7.5	7.5	7.5	7.5				
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										
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)		12 MONTHS (12 MONTHS) (6 MONTHS)										
TOTAL NUCLEAR PLANT EXPERIENCE:			40.5	76	56.25	68.5	44.5	53.75				
<u>HOT PARTICIPATION EXPERIENCE</u>												
TIME > 20% PWR/R/R (WKS)						15	15	15				
STARTUP & SHUTDOWN (YES/NO)						yes	yes	yes				
MONTHS ON SHIFT						4	4	4				

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 circum-  
stance arises.

DATE 3-6-84

PLANT NAME Fermi 2

UTILITY Detroit Edison

O.L. DATE 6-30-84

## OPERATING SHIFT EXPERIENCE

Page 1 of 4

JOB TITLE: Nuclear Supervising 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	1	2	3	4	5	6	7	8	9	10
1. SAME TYPE COMMERCIAL SRO	1.00	NO LIMIT										36
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, EOOM, PPWS) (OTHER)	0.50 0.25	36 MONTHS	36	21 14	18 9	21	30 3	6 21	10 18.75	18	35.5 .5	24 12
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	9	9	9		3		9	9	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 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	12	12	6	12 4.5	4.5	3.75	12	12	7.5	3
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	7.5	7.5	7.5				7.5	7.5	7.5	
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS										
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS					8.5					
11. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS					2					
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)		12 MONTHS (12 MONTHS) (6 MONTHS)										
TOTAL NUCLEAR PLANT EXPERIENCE:			64.5	63.5	49.5	37.5	51	30.75	57.25	46.5	60	75
<u>NOT PARTICIPATION EXPERIENCE</u>												
TIME > 20% PMR/MIR (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)"

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.

DATE 3-6-84

PLANT NAME Fermi 2

UTILITY Detroit Edison

O.L. DATE 6-30-84

## OPERATING SHIFT EXPERIENCE

Page 2 of 4

JOB TITLE: Nuclear 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. SAME TYPE COMMERCIAL SRO	1.00	NO LIMIT	4									
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, PPMS) (OTHER)	0.50 0.25	36 MONTHS	5 21.75		21 7.5	21 13	17.5 18.5		2.5 25.75	21.5 7.25	2.5 16.25	6 15
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	9	9	9				9	9	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 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	9	12	12	12	4.5		8.25	3.75	2.25	12 .5
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	7.5	7.5	7.5				7.5	7.5	7.5	
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										
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)		12 MONTHS (12 MONTHS) (6 MONTHS)										
TOTAL NUCLEAR PLANT EXPERIENCE:			56.25	28.5	57	46	40.5		53	49	37.5	33.5
HOT PARTICIPATION EXPERIENCE												
TIME > 20% PWR/BWR (WKS)			15									
STARTUP & SHUTDOWN (YES/NO)			yes									
MONTHS ON SHIFT			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 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 3-6-84  
PLANT NAME Fermi 2  
UTILITY Detroit Edison  
O.L. DATE 6-30-84

OPERATING SHIFT EXPERIENCE

Page 3 of 4

JOB TITLE: Nuclear Supervising 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	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, EMS, EOOM, PPMG) (OTHER)	0.50 0.25	36 MONTHS	33 2	30 6	3 16.5		21.5 7.25		17 15.5	21 10.5	29 7	11 19
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)			9	9	9	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 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	3	2.25	6	12 12	4.5	12 7	5.25	4.5	6	2.25
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS			7.5	7.5	7.5	3				7.5
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										
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)		12 MONTHS (12 MONTHS) (6 MONTHS)										
TOTAL NUCLEAR PLANT EXPERIENCE:			38	38.25	42	40.5	49.75	25	37.75	36	42	48.75
<u>HOT PARTICIPATION EXPERIENCE</u>												
TIME > 20% PWR/R4R (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 3-6-84

PLANT NAME Fermi 2

UTILITY Detroit Edison

O.L. DATE 6-30-84

## OPERATING SHIFT EXPERIENCE

Page 4 of 4

JOB TITLE: Nuclear Supervising 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	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, EMS, EOCW, PPMs) (OTHER)	0.50 0.25	36 MONTHS	3 16.5	18 16.5	9 21	36	21					
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	9	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 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	12 1.5	6.75	3.75	4.5	5.25					
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	7.5	7.5								
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS										
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS					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)										
TOTAL NUCLEAR PLANT EXPERIENCE:			49.5	57.75	33.75	40.5	35.25					
HOT PARTICIPATION EXPERIENCE												
TIME > 20% PWR/RWR (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)"

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.

DATE 3-6-84  
PLANT NAME Fermi 2  
UTILITY Detroit Edison  
O.L. DATE 6-30-84

OPERATING SHIFT EXPERIENCE

Page 1 of 1

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	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, PPMS) (OTHER)	0.50 0.25	36 MONTHS				24 3						
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	.75	.75	.75	9	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 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	6	6	6	6	6					
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	2	2	2	2	2					
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS										
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	9.75	12	9.5	6.25	12					
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					
TOTAL NUCLEAR PLANT EXPERIENCE:			30.5	32.75	30.25	62.25	41					
NOT PARTICIPATION EXPERIENCE												
TIME > 20% PWR/WYR (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)"

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 circum-  
stance arises.

JOB TITLE: Plant Management Staff

(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, ENS, BOOM, PPMs) (OTHER)	0.50 0.25	36 MONTHS	36									
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (5 MONTHS)	9	9	9	9	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 0.50	24 MONTHS (12 MONTHS) (12 MONTHS)	12 12	12 12	12 12	12 12	12 12					
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	7.5	7.5	7.5	7.5	2.5					
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										
12. DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)		12 MONTHS (12 MONTHS) (6 MONTHS)	12	12			12					
TOTAL NUCLEAR PLANT EXPERIENCE:			88.5	52.5	40.5	40.5	47.5					
<b>NOT PARTICIPATION EXPERIENCE</b>												
TIME > 20% PWR/RWR (WRS)												
STARTUP & SHUTDOWN (YES/NO)												
MONTHS ON SHIFT												

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.

☐ 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 3-6-84

PLANT NAME Fermi 2

UTILITY Detroit Edison

O.L. DATE 6-30-84

## OPERATING SHIFT EXPERIENCE

Page 1 of 1

JOB TITLE: Shift Operating Advisor  
(NOTE 2)NUCLEAR POWER PLANT EXPERIENCE  
FOR OPERATING SHIFT POSITIONS (NOTE 1)

EXPER 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	32	67	82	155	77					
2. OTHER COMMERCIAL SRO	.75	NO LIMIT				18	6					
3. SAME TYPE COMMERCIAL NO	1.00	NO LIMIT										
4. OTHER COMMERCIAL NO	0.75	NO LIMIT										
5. NAVY (MILITARY) NUCLEAR (RO, ENS, EOCN, FPNS) (OTHER)	0.50 0.25	36 MONTHS					10 11					
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)										
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)		7.5	6	3	1					
8. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	2	2	2	2	2					
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS										
10. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS	12	10	12		12					
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						
TOTAL NUCLEAR PLANT EXPERIENCE:			58	86.5	102	190	118					
<u>NOT PARTICIPATION EXPERIENCE</u>												
TIME + 20% PWR/WHK (MRS)			125	215	280	416	280					
STARTUP & SHUTDOWN (YES/NO)			yes	yes	yes	yes	yes					
MONTHS ON SHIFT			32	67	82	120	83					

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.

NRC Form 308 (1-83) 10 CFR 55.10 AND 55.33		U.S. NUCLEAR REGULATORY COMMISSION <b>PERSONAL QUALIFICATIONS STATEMENT—LICENSEE</b>		Approved by OMB 3150-0090		DATE RECEIVED (To be completed by NRC) (AA)																																																																																																																	
1. APPLICANT'S FULL NAME (Last, first, middle) (AB) <u>James, Jesse Phillip</u> ADDRESS OR RFD NUMBER (AC) <u>6708 Brintwood Road</u> CITY (AD) <u>Sylvania</u> STATE (AE) <u>Ohio</u> ZIP CODE (AF) <u>43560</u>				2. TYPE OF APPLICATION (To add circle box(es) (AH)) <input checked="" type="checkbox"/> a. NEW <input type="checkbox"/> 1-HOT <input checked="" type="checkbox"/> 2-COLD <input type="checkbox"/> b. RENEWAL <input type="checkbox"/> c. UPGRADE <input type="checkbox"/> d. MULTI-UNIT <input type="checkbox"/> e. REAPPLICATION <input type="checkbox"/> 1-FIRST <input type="checkbox"/> 2-SECOND <input type="checkbox"/> 3-THIRD <input type="checkbox"/> f. REAPPLICATION WAIVER REQUESTED (Justify on reverse) <input type="checkbox"/> 1-ORAL <input type="checkbox"/> 2-WRITTEN (Category _____) <input type="checkbox"/> 3-SIMULATOR																																																																																																																			
2. CITIZENSHIP (AG) <input checked="" type="checkbox"/> a. UNITED STATES <input type="checkbox"/> b. OTHER (Specify) _____		3. BIRTH DATE (AI) MONTH <u>06</u> DAY <u>25</u> YEAR <u>47</u>		4. PREVIOUS LICENSE(S) HELD (AJ) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>a. OPERATOR</th> <th>b. DOCKET NUMBER</th> <th>c. EXPIRATION DATE</th> <th>d. FACILITY DOCKET NUMBER</th> </tr> <tr> <td><input checked="" type="checkbox"/> b. SENIOR OPERATOR</td> <td>55-6098</td> <td>01/10/15 8/13</td> <td>50-259 &amp; -260 &amp; -296</td> </tr> <tr> <td><input type="checkbox"/> c. LIMITED SRO (e.g. Fuel Handler)</td> <td>55-6098</td> <td>01/10/15 8/15</td> <td>50-259 &amp; -260 &amp; -296</td> </tr> <tr> <td><input type="checkbox"/> d. INSTRUCTOR CERTIFICATION</td> <td></td> <td></td> <td></td> </tr> </table>				a. OPERATOR	b. DOCKET NUMBER	c. EXPIRATION DATE	d. FACILITY DOCKET NUMBER	<input checked="" type="checkbox"/> b. SENIOR OPERATOR	55-6098	01/10/15 8/13	50-259 & -260 & -296	<input type="checkbox"/> c. LIMITED SRO (e.g. Fuel Handler)	55-6098	01/10/15 8/15	50-259 & -260 & -296	<input type="checkbox"/> d. INSTRUCTOR CERTIFICATION																																																																																																			
a. OPERATOR	b. DOCKET NUMBER	c. EXPIRATION DATE	d. FACILITY DOCKET NUMBER																																																																																																																				
<input checked="" type="checkbox"/> b. SENIOR OPERATOR	55-6098	01/10/15 8/13	50-259 & -260 & -296																																																																																																																				
<input type="checkbox"/> c. LIMITED SRO (e.g. Fuel Handler)	55-6098	01/10/15 8/15	50-259 & -260 & -296																																																																																																																				
<input type="checkbox"/> d. INSTRUCTOR CERTIFICATION																																																																																																																							
7. NAME OF APPLICANT'S EMPLOYER (AK) <u>Resource Technical Services, Inc.</u> ADDRESS (AL) <u>P.O. Box 2882</u> CITY (AM) <u>Toledo</u> STATE (AN) <u>Ohio</u> ZIP CODE (AO) <u>43606</u>				10. CURRENT POSITION AT FACILITY (AS) <input type="checkbox"/> a. PLANT SUPERINTENDENT <input type="checkbox"/> b. ASSISTANT PLANT SUPERINTENDENT <input type="checkbox"/> c. SHIFT SUPERVISOR <input type="checkbox"/> d. STAFF ENGINEER <input type="checkbox"/> e. SHIFT TECHNICAL ADVISOR/SHIFT ENGINEER <input type="checkbox"/> f. INSTRUCTOR <input type="checkbox"/> g. SENIOR CONTROL ROOM OPERATOR <input type="checkbox"/> h. CONTROL ROOM OPERATOR <input checked="" type="checkbox"/> i. AUXILIARY UNIT OPERATOR; TRAINEE/TURBINE BUILDING/EQUIPMENT OPERATOR (NONLICENSED OPERATOR) <input checked="" type="checkbox"/> j. OTHER (Specify) <u>Shift Operations Advisor</u>																																																																																																																			
8. NAME OF APPLICANT'S FACILITY (AP) <u>Fermi 2 Power Plant</u> 9. ADDITIONAL FACILITY DOCKETS (Multi-Unit License) (AR) <u>N/A</u>				11. EDUCATION (AT) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>a. HIGH SCHOOL</th> <th>b. MAJOR AREA(S) OF STUDY</th> <th>c. NUMBER OF YEARS</th> <th>d. HIGHEST DEGREE</th> <th>e. DEGREE CODES (To be used for HIGHEST DEGREE ONLY-1987)</th> <th>f. VOCATIONAL/TECHNICAL</th> <th>g. NUMBER OF MONTHS</th> <th>h. CERTIFICATE REC'D</th> </tr> <tr> <td><input checked="" type="checkbox"/> GRADUATE <input type="checkbox"/> GED EQUIVALENCY <input type="checkbox"/> NO</td> <td>ENGINEERING (Field) <u>N/A</u> OTHER _____</td> <td></td> <td></td> <td>0-NONE 1-CERTIFICATE 2-ASSOCIATE 3-BACHELOR 4-MASTER 5-DOCTORAL</td> <td><u>N/A</u></td> <td></td> <td></td> </tr> <tr> <td>NUMBER OF YEARS OF COLLEGE <u>0</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				a. HIGH SCHOOL	b. MAJOR AREA(S) OF STUDY	c. NUMBER OF YEARS	d. HIGHEST DEGREE	e. DEGREE CODES (To be used for HIGHEST DEGREE ONLY-1987)	f. VOCATIONAL/TECHNICAL	g. NUMBER OF MONTHS	h. CERTIFICATE REC'D	<input checked="" type="checkbox"/> GRADUATE <input type="checkbox"/> GED EQUIVALENCY <input type="checkbox"/> NO	ENGINEERING (Field) <u>N/A</u> OTHER _____			0-NONE 1-CERTIFICATE 2-ASSOCIATE 3-BACHELOR 4-MASTER 5-DOCTORAL	<u>N/A</u>			NUMBER OF YEARS OF COLLEGE <u>0</u>																																																																																															
a. HIGH SCHOOL	b. MAJOR AREA(S) OF STUDY	c. NUMBER OF YEARS	d. HIGHEST DEGREE	e. DEGREE CODES (To be used for HIGHEST DEGREE ONLY-1987)	f. VOCATIONAL/TECHNICAL	g. NUMBER OF MONTHS	h. CERTIFICATE REC'D																																																																																																																
<input checked="" type="checkbox"/> GRADUATE <input type="checkbox"/> GED EQUIVALENCY <input type="checkbox"/> NO	ENGINEERING (Field) <u>N/A</u> OTHER _____			0-NONE 1-CERTIFICATE 2-ASSOCIATE 3-BACHELOR 4-MASTER 5-DOCTORAL	<u>N/A</u>																																																																																																																		
NUMBER OF YEARS OF COLLEGE <u>0</u>																																																																																																																							
12. TRAINING (AU) <u>(1)</u> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th rowspan="2"></th> <th colspan="2">a. MONTH AND YEAR</th> <th rowspan="2">b. NUMBER OF WEEKS</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> <tr> <td>1-NUCLEAR POWER PLANT FUNDAMENTALS (Classroom)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2-PLANT SYSTEMS CLASSROOM OBSERVATION</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3-OPERATING PRACTICE CONTROL ROOM OPERATIONS SIMULATOR OPERATIONS (includes Classroom) SIMULATOR NAME(S):</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CERTIFICATE RECEIVED</td> <td>YES</td> <td>NO</td> <td></td> </tr> <tr> <td>4-SRO INSTRUCTION</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5-EXTRA PERSON ON SHIFT</td> <td></td> <td></td> <td></td> </tr> <tr> <td>6-REQUALIFICATION</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7-OTHER (Specify) <u>Selected Systems and Procedural Training</u></td> <td><u>3/84</u></td> <td><u>(2)</u></td> <td><u>17</u></td> </tr> </table>					a. MONTH AND YEAR		b. NUMBER OF WEEKS	FROM	TO	1-NUCLEAR POWER PLANT FUNDAMENTALS (Classroom)				2-PLANT SYSTEMS CLASSROOM OBSERVATION				3-OPERATING PRACTICE CONTROL ROOM OPERATIONS SIMULATOR OPERATIONS (includes Classroom) SIMULATOR NAME(S):				CERTIFICATE RECEIVED	YES	NO		4-SRO INSTRUCTION				5-EXTRA PERSON ON SHIFT				6-REQUALIFICATION				7-OTHER (Specify) <u>Selected Systems and Procedural Training</u>	<u>3/84</u>	<u>(2)</u>	<u>17</u>	13. EXPERIENCE (AV) <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th rowspan="2"></th> <th colspan="2">a. MONTH AND YEAR</th> <th rowspan="2">b. NUMBER OF MONTHS</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> <tr> <td>NAVY 1-RO</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2-EDWW PWNO</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3-EWS PWNS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4-ERS CRW</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5-OTHER (Specify)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FOSSIL 6-OPERATOR</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7-SUPERVISOR</td> <td></td> <td></td> <td></td> </tr> <tr> <td>8-PLANT STAFF</td> <td></td> <td></td> <td></td> </tr> <tr> <td>9-OTHER (Specify) <u>Assist. Operator</u></td> <td><u>10/70</u></td> <td><u>4/74</u></td> <td><u>42</u></td> </tr> <tr> <td>COMMERCIAL NUCLEAR (including Research/Test Reactor)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>10-REACTOR OPERATOR</td> <td><u>8/77</u></td> <td><u>1/83</u></td> <td><u>64</u></td> </tr> <tr> <td>11-SENIOR OPERATOR</td> <td><u>1/83</u></td> <td><u>3/83</u></td> <td><u>3</u></td> </tr> <tr> <td>12-SHIFT SUPERVISOR (Assistant)</td> <td><u>1/83</u></td> <td><u>3/83</u></td> <td><u>3</u></td> </tr> <tr> <td>13-STAFF SHIFT ENGINEER</td> <td></td> <td></td> <td></td> </tr> <tr> <td>14-AUX EQUIP (NONLICENSED) OPERATOR</td> <td><u>4/74</u></td> <td><u>8/77</u></td> <td><u>40</u></td> </tr> <tr> <td>15-PLANT STAFF <u>SQA</u></td> <td><u>3/84</u></td> <td><u>Pres.</u></td> <td><u>3</u></td> </tr> <tr> <td>16-OTHER (Specify) <u>Consultant</u></td> <td><u>3/83</u></td> <td><u>3/84</u></td> <td><u>11</u></td> </tr> </table>					a. MONTH AND YEAR		b. NUMBER OF MONTHS	FROM	TO	NAVY 1-RO				2-EDWW PWNO				3-EWS PWNS				4-ERS CRW				5-OTHER (Specify)				FOSSIL 6-OPERATOR				7-SUPERVISOR				8-PLANT STAFF				9-OTHER (Specify) <u>Assist. Operator</u>	<u>10/70</u>	<u>4/74</u>	<u>42</u>	COMMERCIAL NUCLEAR (including Research/Test Reactor)				10-REACTOR OPERATOR	<u>8/77</u>	<u>1/83</u>	<u>64</u>	11-SENIOR OPERATOR	<u>1/83</u>	<u>3/83</u>	<u>3</u>	12-SHIFT SUPERVISOR (Assistant)	<u>1/83</u>	<u>3/83</u>	<u>3</u>	13-STAFF SHIFT ENGINEER				14-AUX EQUIP (NONLICENSED) OPERATOR	<u>4/74</u>	<u>8/77</u>	<u>40</u>	15-PLANT STAFF <u>SQA</u>	<u>3/84</u>	<u>Pres.</u>	<u>3</u>	16-OTHER (Specify) <u>Consultant</u>	<u>3/83</u>	<u>3/84</u>	<u>11</u>
	a. MONTH AND YEAR		b. NUMBER OF WEEKS																																																																																																																				
	FROM	TO																																																																																																																					
1-NUCLEAR POWER PLANT FUNDAMENTALS (Classroom)																																																																																																																							
2-PLANT SYSTEMS CLASSROOM OBSERVATION																																																																																																																							
3-OPERATING PRACTICE CONTROL ROOM OPERATIONS SIMULATOR OPERATIONS (includes Classroom) SIMULATOR NAME(S):																																																																																																																							
CERTIFICATE RECEIVED	YES	NO																																																																																																																					
4-SRO INSTRUCTION																																																																																																																							
5-EXTRA PERSON ON SHIFT																																																																																																																							
6-REQUALIFICATION																																																																																																																							
7-OTHER (Specify) <u>Selected Systems and Procedural Training</u>	<u>3/84</u>	<u>(2)</u>	<u>17</u>																																																																																																																				
	a. MONTH AND YEAR		b. NUMBER OF MONTHS																																																																																																																				
	FROM	TO																																																																																																																					
NAVY 1-RO																																																																																																																							
2-EDWW PWNO																																																																																																																							
3-EWS PWNS																																																																																																																							
4-ERS CRW																																																																																																																							
5-OTHER (Specify)																																																																																																																							
FOSSIL 6-OPERATOR																																																																																																																							
7-SUPERVISOR																																																																																																																							
8-PLANT STAFF																																																																																																																							
9-OTHER (Specify) <u>Assist. Operator</u>	<u>10/70</u>	<u>4/74</u>	<u>42</u>																																																																																																																				
COMMERCIAL NUCLEAR (including Research/Test Reactor)																																																																																																																							
10-REACTOR OPERATOR	<u>8/77</u>	<u>1/83</u>	<u>64</u>																																																																																																																				
11-SENIOR OPERATOR	<u>1/83</u>	<u>3/83</u>	<u>3</u>																																																																																																																				
12-SHIFT SUPERVISOR (Assistant)	<u>1/83</u>	<u>3/83</u>	<u>3</u>																																																																																																																				
13-STAFF SHIFT ENGINEER																																																																																																																							
14-AUX EQUIP (NONLICENSED) OPERATOR	<u>4/74</u>	<u>8/77</u>	<u>40</u>																																																																																																																				
15-PLANT STAFF <u>SQA</u>	<u>3/84</u>	<u>Pres.</u>	<u>3</u>																																																																																																																				
16-OTHER (Specify) <u>Consultant</u>	<u>3/83</u>	<u>3/84</u>	<u>11</u>																																																																																																																				

## 14. EXPERIENCE DETAILS (AW)

a. POSITION TITLE	b. FACILITY	c. DUTIES
Assistant Unit Operator	Paradise Steam Plant Drakesboro, Ky. (TVA)	Responsible for the safe and efficient operation of plant equipment as directed by the Control Room Operator.
Assistant Unit Operator	Brown's Ferry Nuclear Plant, Athens, Ala.	Responsible for the safe and efficient operation of plant equipment as directed by the Licensed R.O. in the Control Room.
Unit Operator	Brown's Ferry Nuclear Plant	Responsible for the safe and efficient operation of the 3 reactors and related plant equipment. The 3 reactors were GE, BWR type rated at 3293 MWT.
Assistant Shift Engineer	Brown's Ferry Nuclear Plant	SRO, responsible for the safe and efficient operation of the plants 3 BWR type reactors and for the safe operation of the fuel handling equipment and crew.
(Continued in Item 15)		

## 15. COMMENTS (Specify the item number to which you are referring)

12. (1) Training detailed in Item 12 is only that provided at Fermi 2.

12. (2) To be completed 7/84.

14. (Cont.) a. Position Title

b. Facility

c. Duties

Operations Consultant

Fermi 2

Responsible for revising plant operating procedures, abnormal operating procedures, and reviewing alarm response procedures.

Training Consultant

Fermi 2

Responsible for development/up-date of training materials associated with licensed operator training and requalification. Performed licensed operator training. Participated in preparing operators for the RO and SRO examinations.

Shift Operations  
Advisor

Fermi 2

Responsible to assist the Nuclear Shift Supervisor, the Nuclear Assistant Shift Supervisor, and all other Control Room personnel in carrying out their responsibilities by assisting and advising, as necessary, utilizing acquired BWR operating experience.

F. IN NRC USE

MEETS REQUIREMENTS

DOES NOT MEET REQUIREMENTS

## 16. NRC FORM 306, CERTIFICATE OF MEDICAL EXAMINATION (AX)

a. IS ATTACHED

b. WILL BE FORWARDED

17a. I certify that the information provided on this form is true and correct to the best of my knowledge. I also authorize the NRC to submit the results of examinations to my employer for use in preparing retraining programs as necessary.

SIGNATURE - APPLICANT

DATE

b. I certify that the above named individual has or will have completed by the time of examination all the required training and has learned to operate the controls in a competent and safe manner pursuant to Title 10, Code of Federal Regulations, Part 55, and that the individual has a need for an Operator/Senior Operator license to perform his/her assigned duties. I also certify that the facility will be made available for examination.

SIGNATURE - TRAINING COORDINATOR

DATE

SIGNATURE - HIGHEST LEVEL OF CORPORATE MANAGEMENT

DATE

c. RENEWAL ONLY. I certify that the above named individual has satisfactorily completed the approved requalification program as required by Section 50.54(c)(1) of 10 CFR 50 and that s/he has discharged his/her licensed responsibilities competently and safely.

SIGNATURE - TRAINING COORDINATOR

DATE

SIGNATURE - HIGHEST LEVEL OF CORPORATE MANAGEMENT

DATE

Jesse P. James

Past Technical Training

July 1971 - July 1973

Student generating Plant Operator training program, which consisted of 20 months of classroom training and 4 months of on-the-job training. The classroom training consisted of Power Plant Theory and Design, Physics, Chemistry, Instrumentation, Electrical Systems, Mechanical Design and Plant Operations.

April 1974

Entered and successfully completed a 16 week course, which was taught at Brown's Ferry, on Basic Nuclear which consisted of training in Nuclear Theory, Plant Systems, Health Physics, Math, Basic Thermodynamics, Refueling, Procedures and Conduct of Operations.

May 1977

Entered License Candidate training, resulting in obtaining a Reactor Operator license, #OP-4552. This license was for Brown's Ferry Units 1, 2 and 3. I completed requalification training for the remainder of this year. License OP-4552 was obtained in August of 1977.

1978 - 1982

Successfully completed requalification training, consisting of 2 weeks per year at Brown's Ferry's simulator in Soddy Daisy, Tennessee and 1 week per year of classroom training at Brown's Ferry Nuclear Plant near Athens, Alabama. This resulted in obtaining license renewals #OP-4552-1 and OP-4552-2.

August 1982

Entered License Candidate training, resulting in obtaining a Senior Operator Certification in November, 1982 and a Senior Operator license in January, 1983. License #SOP-4492 which was for Brown's Ferry Units 1, 2 and 3.

I certify that the above is true to the best of my knowledge.

  
Jesse Phillip James

6-7-84  
Date



## 14. EXPERIENCE DETAILS (AW)

a. POSITION TITLE	b. FACILITY	c. DUTIES
Asst. to General Superintendent	Nine Mile I	Improve plant efficiency.
Unit Reactor Analyst	Nine Mile I	Responsible for core performance and fuel utilization.
Asst. Station Shift Supervisor	Nine Mile I	Normal Operation-Control Room Supervisor. Abnormal Condition-Shift Tech. Advisor.
Operations Consultant (Startup Test Eng.)	Shoreham	Lead Operations Engineer responsible for pre-operational testing and functional testing of Radwaste Systems including Condensate Demineralizers, Make-up Demineralizers, Off-Gas System, and Solid and Liquid Radwaste System. Also responsible for operation design modification changes and performance evaluations.
(Continued in Item 15)		

15. COMMENTS (Specify the item number to which you are elaborating)

12. (1) Training detailed in Item 12 is only that provided at Fermi 2.

12. (2) To be completed by 7/84.

14. (Cont.) a. Position Title

b. Facility

c. Duties

Shift Operations  
Advisor

Fermi 2

Responsible to assist the Nuclear Shift Supervisor, the Nuclear Assistant Shift Supervisor, and other control room personnel in carrying out their responsibilities by assisting and advising, as necessary, utilizing acquired commercial BWR operating experience.

FOR NRC USE

MEETS REQUIREMENTS

DOES NOT MEET REQUIREMENTS

16. NRC FORM 396, CERTIFICATE OF MEDICAL EXAMINATION (AX)

a. IS ATTACHED

b. WILL BE FORWARDED

17a. I certify that the information provided on this form is true and correct to the best of my knowledge. I also authorize the NRC to submit the results of examinations to my employer for use in preparing retraining programs, as necessary.

*Edward Duda*<sup>ED</sup>*Edward Kenneth Duda*

SIGNATURE - APPLICANT

*6/7/84*  
DATE

b. I certify that the above named individual has or will have completed by the time of examination all the required training and has learned to operate the controls in a competent and safe manner pursuant to Title 10, Code of Federal Regulations, Part 55, and that the individual has a need for an Operator/Shift Operator license to perform his/her assigned duties. I also certify that the facility will be made available for examination.

*Stanley J. Kolars**6-7-84**Raymond H. Juss**6/7/84*

SIGNATURE - TRAINING COORDINATOR

DATE

SIGNATURE - HIGHEST LEVEL OF CORPORATE MANAGEMENT FOR PLANT OPERATION

DATE

c. RENEWAL ONLY. I certify that the above named individual has satisfactorily completed the approved requalification program as required by section 50.54(i)-(1) of 10 CFR 50, and that s/he has discharged his/her licensed responsibilities competently and safely.

SIGNATURE - TRAINING COORDINATOR

DATE

SIGNATURE - HIGHEST LEVEL OF CORPORATE MANAGEMENT FOR PLANT OPERATION

DATE

Edward K. Duda

Past Technical Training

January 1979	4 Weeks	Station Nuclear Engineers Course (GE)
June 1979	1 Week	Process Computer for Nuclear Engineers (GE)
Sept. - Oct. 1979	6 Weeks	RealTime Multi Operating Systems Training (Honeywell)
November 1979	1 Week	Simulator Operations Training (GE-Dresden)
April 1980	1 Week	Hot License Simulator Training (Gen. Physics - Soddy-Daisy, Tenn.)
Jan. - May 1980	13 Weeks	License (RO and SRO) Training (Niagara Mohawk & Gen. Physics - Nine Mile Point I)
September 1980	1 Week	Simulator Operations Training (GE-Dresden)
February 1981	1 Week	License Requalification (Niagara Mohawk- Nine Mile Point I)
November 1981	1 Week	Simulator Operations Training (GE-Dresden)
February 1982	1 Week	License Requalification (Niagara Mohawk- Nine Mile Point I)
March 1982	1 Week	Management and Communication Skills Train- ing (Niagara Mohawk, Clarkson College - Nine Mile Point I)

I certify that the above is true to the best of my knowledge.

Edward Kenneth Duda

Edward Kenneth Duda

6/7/84

Date

PERSONAL QUALIFICATIONS STATEMENT—LICENSEE

1. APPLICANT'S FULL NAME (Last, first, middle) (A-1) <u>Howard, Donald Eugene</u> ADDRESS OR RFD NUMBER (A-1) <u>1676 Pinelawn Drive</u> CITY (A-1) <u>Toledo</u> STATE (A-1) <u>Ohio</u> ZIP CODE (A-1) <u>43614</u>				4. TYPE OF APPLICATION (X applicable boxes) (A-1) <input checked="" type="checkbox"/> a. NEW <input type="checkbox"/> 1-HOT <input checked="" type="checkbox"/> 2-COLD <input type="checkbox"/> b. RENEWAL <input type="checkbox"/> c. UPGRADE <input type="checkbox"/> d. MULTI-UNIT <input type="checkbox"/> e. REAPPLICATION <input type="checkbox"/> 1-FIRST <input type="checkbox"/> 2-SECOND <input type="checkbox"/> 3-THIRD <input type="checkbox"/> f. REAPPLICATION WAIVER REQUESTED (Justify on reverse) <input type="checkbox"/> 1-ORAL <input type="checkbox"/> 2-WRITTEN (Category _____) <input type="checkbox"/> 3-SIMULATOR											
2. CITIZENSHIP (A-1) <input checked="" type="checkbox"/> a. UNITED STATES <input type="checkbox"/> b. OTHER (Specify) _____		3. BIRTH DATE (A-1) MONTH DAY YEAR <u>0</u> <u>8</u> <u>2</u> <u>1</u> <u>3</u> <u>3</u>													
5. TYPE OF LICENSE APPLIED FOR (A-1) <input checked="" type="checkbox"/> a. OPERATOR <input type="checkbox"/> b. SENIOR OPERATOR <input type="checkbox"/> c. LIMITED SRO (e.g. Fuel Handler) <input type="checkbox"/> d. INSTRUCTOR CERTIFICATION		6. DOCKET NUMBER <u>55-1164</u> <u>55-1164</u> <u>55-1164</u>		7. NO. SRO <input checked="" type="checkbox"/> X <input type="checkbox"/> X <input checked="" type="checkbox"/> X		8. PREVIOUS LICENSE(S) HELD (A-1) a. LICENSE NUMBER <u>OP-1024</u> <u>SOP-224</u> <u>SOP-1508</u> b. EXPIRATION DATE MONTH DAY YEAR <u>11/1</u> <u>01/1</u> <u>6/5</u> <u>11/1</u> <u>01/2</u> <u>6/7</u> <u>01/6</u> <u>01/1</u> <u>7/3</u> c. FACILITY DOCKET NUMBER <u>(1)</u> <u>(2)</u> <u>50-254</u>									
7. NAME OF APPLICANT'S EMPLOYER (A-1) <u>Donald E. Howard, Inc.</u> ADDRESS (A-1) <u>582 Almaden Avenue</u> CITY (A-1) <u>San Jose</u> STATE (A-1) <u>CA</u> ZIP CODE (A-1) <u>95110</u>				10. CURRENT POSITION AT FACILITY (A-1) <input type="checkbox"/> a. PLANT SUPERINTENDENT <input type="checkbox"/> b. ASSISTANT PLANT SUPERINTENDENT <input type="checkbox"/> c. SHIFT SUPERVISOR <input type="checkbox"/> d. STAFF ENGINEER <input type="checkbox"/> e. SHIFT TECHNICAL ADVISOR <input type="checkbox"/> f. INSTRUCTOR <input type="checkbox"/> g. SENIOR CONTROL ROOM OPERATOR <input type="checkbox"/> h. CONTROL ROOM OPERATOR <input checked="" type="checkbox"/> i. AUXILIARY UNIT OPERATOR; TRAINEE/TURBINE BUILDING; EQUIPMENT OPERATOR (NONLICENSED OPERATOR) <input checked="" type="checkbox"/> j. OTHER (Specify) <u>Shift Operations Advisor</u>											
8. NAME OF APPLICANT'S FACILITY (A-1) <u>Fermi 2 Power Plant</u> FACILITY DOCKET NUMBER (A-1) <u>50-341</u>				9. ADDITIONAL FACILITY DOCKETS (Multi-Unit Licenses) (A-1) <u>N/A</u>											
11. EDUCATION (A-1)															
a. HIGH SCHOOL <input checked="" type="checkbox"/> GRADUATE <input type="checkbox"/> GED EQUIVALENCY <input type="checkbox"/> NO		c. MAJOR AREA(S) OF STUDY <u>ENGINEERING (Field)</u> <u>Mechanical</u> <u>OTHER</u> <u>Management</u>		NUMBER OF YEARS <u>4</u> <u>1/2</u>		HIGHEST DEGREE (Use code -1) <u>3</u> <u>0</u>		DEGREE CODES (To be used for highest degree obtained) 0-NONE 1-CERTIFICATE 2-ASSOCIATE 3-BACHELOR 4-MASTER 5-DOCTORAL		d. VOCATIONAL/TECHNICAL TYPE OF TRAINING <u>N/A</u>		NUMBER OF MONTHS <u></u>		CERTIFICATE REC'D YES NO	
12. TRAINING (A-1) (1)								13. EXPERIENCE (A-1)							
1-NUCLEAR POWER PLANT FUNDAMENTALS (Classroom)				a. MONTH AND YEAR FROM TO		b. NUMBER OF WEEKS		NAVY 1-RO				a. MONTH AND YEAR FROM TO		b. NUMBER OF MONTHS	
2-PLANT SYSTEMS CLASSROOM OBSERVATION								2-ECOW/PPWO							
3-OPERATING PRACTICE CONTROL ROOM OPERATIONS SIMULATOR OPERATIONS (Includes Classroom) SIMULATOR NAME(S)								3-EWS PPWS							
CERTIFICATE RECEIVED NUMBER OF REACTIVITY MANIPULATIONS								4-ERS CRW							
4-SRO INSTRUCTION								5-OTHER (Specify) <u>Machinist Mate</u>				<u>6/51</u>		<u>6/53</u> <u>24</u>	
5-EXTRA PERSON ON SHIFT								FOSSIL 6-OPERATOR							
6-REQUALIFICATION								7-SUPERVISOR							
7-OTHER (Specify) <u>Selected Systems and Procedural Training</u>				<u>3/84</u>		<u>(2)</u> <u>17</u>		8-PLANT STAFF							
								9-OTHER (Specify) <u>Maintenance Eng.</u>				<u>2/58</u>		<u>2/60</u> <u>24</u>	
								COMMERCIAL NUCLEAR (Including Research/Test Reactor) 10-REACTOR OPERATOR				<u>11/61</u>		<u>12/63</u> <u>24</u>	
								11-SENIOR OPERATOR				<u>11/63</u>		<u>6/73</u> <u>115</u>	
								12-SHIFT SUPERVISOR				<u>11/61</u>		<u>6/66</u> <u>55</u>	
								13-STAFF/SHIFT ENGINEER				<u>11/61</u>		<u>6/66</u> <u>55</u>	
								14-AUX/EQUIP (NONLICENSED) OPERATOR							
								15-PLANT STAFF <u>H.P. Eng. (Alt)</u>				<u>2/60</u>		<u>2/64</u> <u>48</u>	
								16-OTHER (Specify) <u>Sr. Trng. Engineer</u>				<u>6/71</u>		<u>10/78</u> <u>88</u>	
								<u>Consultant</u>				<u>10/78</u>		<u>3/84</u> <u>15</u>	
								<u>SOA</u>				<u>3/84</u>		<u>Pres.</u> <u>3</u>	

## 14. EXPERIENCE DETAILS (AW)

a. POSITION TITLE	b. FACILITY	c. DUTIES
Sr. Training Engineer	BWR Training Services; San Jose, California	Responsible for designing and presenting various maintenance training courses. Designed courses on Target Rock Safety/Relief Valve Maintenance, Recirculation Pump Seal Replacement, and Recirculation Pump M-G Set Control Maintenance. Authored the GE Station Nuclear Engineer's Manual and designed the Station Nuclear Engineering course. Managed the video tape unit, and supervised a crew of six technicians in the production of color video tape lectures for use in GE supplied training courses.
Training Consultant (Continued in Item 15)	Grand Gulf 1, 2 Monticello	Responsible for the design and presentation of Nuclear Physics and BWR Thermal Hydraulic training courses.

## 15. COMMENTS (Specify the item number to which you are elaborating)

6.d (1) Westinghouse Testing Reactor (WTR)

6.d (2) Saxton Reactor

12. (1) Training detailed in Item 12 is only that provided at Fermi 2.

12. (2) To be completed by 7/84

14. (Cont.) a. Position Title

b. Facility

c. Duties

Training Consultant

Fermi 2

Responsible for development/update of training materials associated with licensed operator training and requalification. Participated in preparing operators for the RO and SRO examinations.

Shift Operations

Fermi 2

Responsible to assist the Nuclear Shift Supervisor, the Nuclear Assistant Shift Supervisor, and other control room personnel in carrying out their responsibilities by assisting and advising, as necessary, utilizing acquired commercial BWR operating experience.

FOR NRC USE

MEETS REQUIREMENTS

DOES NOT MEET REQUIREMENTS

16. NRC FORM 396, CERTIFICATE OF MEDICAL EXAMINATION (AX)

a. IS ATTACHED

b. WILL BE FORWARDED

17a. I certify that the information provided on this form is true and correct to the best of my knowledge. I also authorize the NRC to submit the results of examinations to my employer for use in providing retraining programs as necessary.

*Donald Eugene Howard*  
SIGNATURE - APPLICANT

6/7/84  
DATE

b. I certify that the above named individual has or will have completed by the time of examination all the required training and has learned to operate the controls in a competent and safe manner pursuant to Title 10, Code of Federal Regulations, Part 55, and that the individual has a need for an Operator/Senior Operator license to perform his/her assigned duties. I also certify that the facility will be made available for examination.

*Stanley J. Lott*  
SIGNATURE - TRAINING COORDINATOR

6-7-84  
DATE

*Harold A. Jew*  
SIGNATURE - HIGHEST LEVEL OF CORPORATE MANAGEMENT FOR PLANT OPERATION

6/7/84  
DATE

c. RENEWAL ONLY. I certify that the above named individual has satisfactorily completed the approved requalification program as required by section 50.54(i)-(l) of 10 CFR 50, and that s/he has discharged his/her licensed responsibilities competently and safely.

SIGNATURE - TRAINING COORDINATOR

DATE

SIGNATURE - HIGHEST LEVEL OF CORPORATE MANAGEMENT FOR PLANT OPERATION

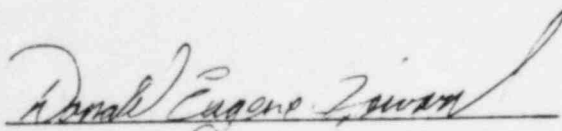
DATE

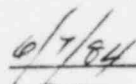
Donald E. Howard

Past Technical Training

<u>Course Title</u>	<u>From</u>	<u>To</u>	<u>Subject</u>
1. USN Machinist Mate School	12/51	04/52	Steam Power Fundamentals
2. BSME - Rutgers University	09/53	01/58	Mechanical Engineering
3. Basic Rad. Health	05/60		Rad. Con. Fundamentals
4. Reactor Environmental Health Problems	05/60		Meteorology, Dispersion Environmental Monitoring, etc.
5. Rad. Chem.-Westinghouse	06/60	11/60	OJT - PWR Chemistry
6. Reactor Fundamentals	11/60	04/61	OJT - Critical Facility Ops. Reactor Ops.Training Course
7. Hot License Training	04/61	10/61	OJT - Westinghouse Test Reactor (OP-1024 Issued)
8. Cold License Training	10/61	12/61	Saxton (OP-1024 Extension)
9. Super Critical Loop Design and Operation	02/63		Background - Experimental In-Pile Loop
10. Plutonium Fuel Orientation	06/63		License Change Training - Partial Pu Core Ops.
11. G.E. BWR Technology	05/66	06/66	Orientation for BWR-2
12. G. E. Station Nuc. Engineering	09/66	12/66	Plant/Fuel Nuc. Engineering
13. G. E. D-II Sim. Training	07/69	10/69	SRO Training Course
14. Cold License Training	04/71	05/71	Quad Cities (SOP-1508)
15. G.E. CRD Maintenance	10/77		Drive Line Maintenance
16. G.E. CRD Diagnostic	12/77		CRD Malfunction Analysis
17. Recirc. Pump Seal Maintenance	01/78		Bingham Pump Company
18. SRV Maintenance	03/78		Target Rock and Vermont Yankee
19. MSIV Maintenance	05/78		Rockwell International, Inc.
20. Systems and Procedures Trng.	03/84	07/84	Fermi 2 (Detroit Edison)

I certify that the above is true to the best of my knowledge.

  
Donald Eugene Howard

  
Date

## PERSONAL QUALIFICATIONS STATEMENT—LICENSEE

1 APPLICANT'S FULL NAME (Last, first, middle) (A8)						4 TYPE OF APPLICATION ("X" applicable boxes) (AH)															
Scott, William Guy, Jr.						X NEW					REAPPLICATION										
ADDRESS OR RFD NUMBER (AC)						1-HOT					1-FIRST										
Route 1, #28 Rio Vista Heights						X 2-COLD					2-SECOND										
CITY (AD)						d RENEWAL					3-THIRD										
Jefferson City						c UPGRADE					REAPPLICATION WAIVER REQUESTED (Justify on reverse)										
STATE (AE) ZIP CODE (AF)						d MULTI-UNIT					1-ORAL										
MO 65101											2-WRITTEN (Category _____)										
2 CITIZENSHIP (AG)											3-SIMULATOR										
3 BIRTH DATE (AG)																					
MONTH DAY YEAR																					
X a UNITED STATES																					
b OTHER (Specify)																					
011 116 414																					
5 TYPE OF LICENSE APPLIED FOR (AI)						6 PREVIOUS LICENSE(S) HELD (AJ)															
a OPERATOR						a DOCKET NUMBER				b LICENSE NUMBER				c EXPIRATION DATE				d FACILITY DOCKET NUMBER			
b SENIOR OPERATOR						55-3775				OP-2954				015 211 713				50-261			
c LIMITED SRO (e.g. Fuel Handler)						55-3775				SOP-2282				110 019 716				50-324			
d INSTRUCTOR CERTIFICATION						55-3775				SOP-3234				015 011 810				50-324 & -325			
7 NAME OF APPLICANT'S EMPLOYER (AK)						10 CURRENT POSITION AT FACILITY (AS)															
Scott Power Services, Inc.						a PLANT SUPERINTENDENT										i AUXILIARY UNIT OPERATOR/ TRAINEE/TURBINE BUILDING/ EQUIPMENT OPERATOR (NONLICENSED OPERATOR)					
ADDRESS (AL)						b ASSISTANT PLANT SUPERINTENDENT										j OTHER (Specify) Shift					
Rte. 1 Box 405						c SHIFT SUPERVISOR										Operations Advisor					
CITY (AM)						d STAFF ENGINEER															
Crystal River						e SHIFT TECHNICAL ADVISOR SHIFT ENGINEER															
8 NAME OF APPLICANT'S FACILITY (AP)						f INSTRUCTOR															
Fermi 2 Power Plant						g SENIOR CONTROL ROOM OPERATOR															
9 ADDITIONAL FACILITY DOCKETS (Multi-Unit Licenses) (AR)						h CONTROL ROOM OPERATOR															
N/A																					
11 EDUCATION (AT)																					
a HIGH SCHOOL		c MAJOR AREA(S) OF STUDY		NUMBER OF YEARS		HIGHEST DEGREE		DEGREE CODES (To be used for HIGHEST DEGREE obtained)				d VOCATIONAL/TECHNICAL		NUMBER OF MONTHS		CERTIFICATE REC'D					
X GRADUATE		ENGINEERING (field)				(Use code -)		0-NONE				TYPE OF TRAINING QA		1 Wk.		YES NO					
GED EQUIVALENCY		N/A						1-CERTIFICATE				Independent Reviewer									
NO		OTHER						2-ASSOCIATE				QA Quality Reviewer		1 Wk.		X					
b NUMBER OF YEARS OF COLLEGE								3-BACHELOR													
0								4-MASTER													
								5-DOCTORAL													
12 TRAINING (AU) (1)																					
				a MONTH AND YEAR		b NUMBER OF WEEKS															
				FROM TO																	
1-NUCLEAR POWER PLANT FUNDAMENTALS (Classroom)																					
2-PLANT SYSTEMS																					
CLASSROOM																					
OBSERVATION																					
3-OPERATING PRACTICE																					
CONTROL ROOM OPERATIONS																					
SIMULATOR OPERATIONS (Includes Classroom)																					
SIMULATOR NAME(S)																					
CERTIFICATE RECEIVED				YES NO																	
NUMBER OF REACTIVITY MANIPULATIONS																					
4-SRO INSTRUCTION																					
5-EXTRA PERSON ON SHIFT																					
6-REQUALIFICATION																					
7-OTHER (Specify) Selected Systems and Procedural Training				3/84 (2)		17															
13 EXPERIENCE (AV)																					
				a MONTH AND YEAR		b NUMBER OF MONTHS															
				FROM TO																	
NAVY																					
1-RQ																					
2-EGOW PPWO																					
3-EWS PWWS				6/76		1/78		19													
4-ERS CRW				6/67		9/70		39													
5-OTHER (Specify) Leading ELT				8/67		12/69		28													
FOSSIL																					
6-OPERATOR																					
7-SUPERVISOR																					
8-PLANT STAFF																					
9-OTHER (Specify) Auxiliary Operator				11/70		4/71		2													
COMMERCIAL NUCLEAR (Including Research/Test Reactor)																					
10-REACTOR OPERATOR				5/71		1/72		8													
11-SENIOR OPERATOR																					
12-SHIFT SUPERVISOR NSO (5/78 - 3/79)				8/72		1/76		53													
13-STAFF SHIFT ENGINEER																					
14-AUX EQUIP (NONLICENSED) OPERATOR				1/71		5/71		4													
15-PLANT STAFF SOA				3/84		Pres.		3													
16-OTHER (Specify) Generator Spec.				1/78		5/78		4													
Consultant (Super. Ser. Eng)				4/79		3/81		24													
Consultant (Ops. Proc. Coord)				3/81		3/84		36													

## 14. EXPERIENCE DETAILS (AW)

a. POSITION TITLE	b. FACILITY	c. DUTIES
ERS/CRW EWS/EDPO  Auxiliary Operator Auxiliary Operator Reactor Operator Reactor Operator Shift Foreman (Shift Supervisor)	USS VonStuben(SSBN632B) USS GW Carver (SSBN656B) USS James Monroe  H.B. Robinson Unit 1  H.B. Robinson Unit 2 H.B. Robinson Unit 2 Brunswick Units 1 & 2 Brunswick Units 1 & 2	Supervise mechanical watchstanders on the Engineering spaces & shutdown roving watch. Supervise all Engineering watchstations outside of maneuvering, relieve E00W for short periods, Supervise engineering shutdown duty section. Outside Operator - coal, oil or gas fired unit & operate Internal Combustion Turbine. Qualified on all areas outside of Control Rm. Operate from Control Room (Westinghouse, PWR). In training for cold license (GE, BWR). Senior individual on site for Brunswick Units 1 and 2 on back shifts and weekends.

## 15. COMMENTS (Specify the item number to which you are elaborating)

12. (1) Training detailed in Item 12 is only that provided at Fermi 2.

12. (2) To be completed by 7/84.

14. (Cont.) a. Position Title

b. Facility

c. Duties

Shift Foreman  
(Shift Super.)

Brunswick Units 1&amp;2

Senior licensed individual on shift for both units; Fire Brigade Chief, directed and approved maintenance, test, access, etc., within the plant. Directed reactor operations during all modes. Supervised initial fuel load operations and refueling both from the Control Room and on the Refueling Floor.

Generation Spec.

Brunswick Units 1&amp;2

Held this title while in license training.

Shift Foreman  
(Shift Super.)

Brunswick Units 1&amp;2

One of two Radwaste Coordinators. Directed all radwaste activities including processing of water, regeneration of resins, drumming, maintenance and testing. Responsible for all Chemistry, Radiological controls, RADIAC instrument calibration and direct other ELT's.

ELT/LELT

USS G.W. Carver  
SSBN 656B/USS Von-  
Stuben SSBN 632B

FOR NRC USE

MEETS REQUIREMENTS

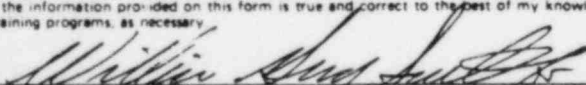
DOES NOT MEET REQUIREMENTS

16. NRC FORM 396, CERTIFICATE OF MEDICAL EXAMINATION (AX)

a. IS ATTACHED

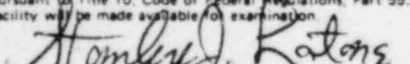
b. WILL BE FORWARDED

17a. I certify that the information provided on this form is true and correct to the best of my knowledge. I also authorize the NRC to submit the results of examinations to my employer for use in preparing retraining programs, as necessary.

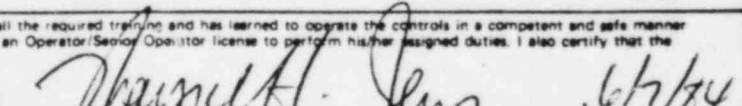
  
 SIGNATURE - APPLICANT

 6/11/84  
 DATE

b. I certify that the above named individual has or will have completed by the time of examination all the required training and has learned to operate the controls in a competent and safe manner pursuant to Title 10, Code of Federal Regulations, Part 55, and that the individual has a need for an Operator/Supervisor license to perform his/her assigned duties. I also certify that the facility will be made available for examination.

  
 SIGNATURE - TRAINING COORDINATOR

 6-7-84  
 DATE

  
 SIGNATURE - HIGHEST LEVEL OF CORPORATE MANAGEMENT FOR PLANT OPERATION

 6/7/84  
 DATE

c. RENEWAL ONLY. I certify that the above named individual has satisfactorily completed the approved requalification program as required by section 50.54(i)-(j) of 10 CFR 50, and that s/he has discharged his/her licensed responsibilities competently and safely.

SIGNATURE - TRAINING COORDINATOR

DATE

SIGNATURE - HIGHEST LEVEL OF CORPORATE MANAGEMENT FOR PLANT OPERATION

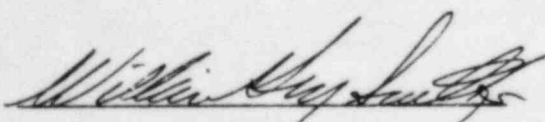
DATE

William Guy Scott, Jr.

Past Technical Training

1963	4 Months	Electrician's Mate Class "A"
1964	6 Months	U.S. Navy Nuclear Power School
1964-1965	7 Months	U.S. Navy NPTU
1965	5 Months	Engineering Laboratory Technician
1966	3 Months	Air Conditioning/Refrigeration Class C
1966, 1967, 1968	1 & 2 Weeks	Shafting & Components, Main Steam, Condenser O2 Analyzer, Fire Fighting Damage Control, ABC Warfare, H.P. Air Compressors, Hydraulics, 8000 GPD Distilling Unit, 2000 GPD Distilling Unit, Main Seawater Lube Oil.
1967	1 Month	Diesel Engine
	1 Month	Silver Brazing & Burning
	1 Month	Lithium Bromide & R-11 A/C Units
1971	3 Months	H. B. Robinson License Training
1972	6 Months	BWR Technology (Includes 6 weeks simulator) - Dresden, Ill.
1973	2 Months	Advanced Industrial Firefighting
1972-1973	12 Months	Brunswick Cold License Training
1975	1 Month	Aberrant Behavior School
1978	1 Month	BWR Simulator Training - Soddy-Daisy, Tennessee
1978	4 Months	Brunswick Hot License Training
1979	1 Week	QA Independent Reviewer School - Grand Gulf Nuclear Station
1982	1 Week	QA Qualified Reviewer School - Callaway Nuclear Station

I certify that the above is true to the best of my knowledge.

  
William Guy Scott, Jr.

6/14/84  
Date

# PERSONAL QUALIFICATIONS STATEMENT-LICENSEE

Continued for William Guy Scott, Jr.

## 15 COMMENTS

14. (Cont.)	<u>a. Position Title</u>	<u>b. Facility</u>	<u>c. Duties</u>
	Consultant Quadrex, Inc. Supervisory Ser. Engineer	Grand Gulf	At Grand Gulf Nuclear Station Lead Operations Procedure Development Group. Supervised 8 to 9 writers and participated in writing all Operation Department procedures and various Plant Administrative Procedures. Served as acting Shift Supervisor while utility supervisors were away at simulator for 3 months. Attended GE Emergency Procedure Development meetings for GE Owner's Group EOP Guideline Development, representing the utility.
	Consultant (Scott Power Services, Inc.)	Callaway	At Callaway Nuclear Plant, Lead Procedure Development Group, Operations Department. (Same duties as at Grand Gulf Nuclear Station above). Attended Westinghouse Owner's Group Meetings on EOP development representing the utility. Served as Shift Supervisor for SNUPPS EMERGENCY OPERATING PROCEDURE GUIDELINES Validation and Verification demonstration on Callaway Simulator.
	Shift Operations Advisor	Fermi 2	Responsible to assist the Nuclear Shift Supervisor, the Nuclear Assistant Shift Supervisor, and other control room personnel in carrying out their responsibilities by assisting and advising, as necessary, utilizing acquired commercial BWR operating experience.

PERSONAL QUALIFICATIONS STATEMENT—LICENSEE

<b>1. APPLICANT'S FULL NAME (Last, first, middle) (AB)</b> Jolley, Richard James <b>ADDRESS OR RFD NUMBER (AC)</b> 5559 Ryewyck Court <b>CITY (AD)</b> Toledo <b>STATE (AE)</b> Ohio <b>ZIP CODE (AF)</b> 43614				<b>4. TYPE OF APPLICATION (X applicable boxes) (AH)</b> <table style="width:100%;"> <tr> <td><input checked="" type="checkbox"/> a. NEW</td> <td><input type="checkbox"/> b. REAPPLICATION</td> </tr> <tr> <td><input type="checkbox"/> 1-HOT</td> <td><input type="checkbox"/> 1-FIRST</td> </tr> <tr> <td><input checked="" type="checkbox"/> 2-COLD</td> <td><input type="checkbox"/> 2-SECOND</td> </tr> <tr> <td><input type="checkbox"/> 3-THIRD</td> <td><input type="checkbox"/> 3-THIRD</td> </tr> <tr> <td><input type="checkbox"/> c. RENEWAL</td> <td><input type="checkbox"/> REAPPLICATION WAIVER REQUESTED (Justify on reverse)</td> </tr> <tr> <td><input type="checkbox"/> d. UPGRADE</td> <td><input type="checkbox"/> 1-ORAL</td> </tr> <tr> <td><input type="checkbox"/> e. MULTI-UNIT</td> <td><input type="checkbox"/> 2-WRITTEN (Category _____)</td> </tr> <tr> <td></td> <td><input type="checkbox"/> 3-SIMULATOR</td> </tr> </table>				<input checked="" type="checkbox"/> a. NEW	<input type="checkbox"/> b. REAPPLICATION	<input type="checkbox"/> 1-HOT	<input type="checkbox"/> 1-FIRST	<input checked="" type="checkbox"/> 2-COLD	<input type="checkbox"/> 2-SECOND	<input type="checkbox"/> 3-THIRD	<input type="checkbox"/> 3-THIRD	<input type="checkbox"/> c. RENEWAL	<input type="checkbox"/> REAPPLICATION WAIVER REQUESTED (Justify on reverse)	<input type="checkbox"/> d. UPGRADE	<input type="checkbox"/> 1-ORAL	<input type="checkbox"/> e. MULTI-UNIT	<input type="checkbox"/> 2-WRITTEN (Category _____)		<input type="checkbox"/> 3-SIMULATOR
<input checked="" type="checkbox"/> a. NEW	<input type="checkbox"/> b. REAPPLICATION																						
<input type="checkbox"/> 1-HOT	<input type="checkbox"/> 1-FIRST																						
<input checked="" type="checkbox"/> 2-COLD	<input type="checkbox"/> 2-SECOND																						
<input type="checkbox"/> 3-THIRD	<input type="checkbox"/> 3-THIRD																						
<input type="checkbox"/> c. RENEWAL	<input type="checkbox"/> REAPPLICATION WAIVER REQUESTED (Justify on reverse)																						
<input type="checkbox"/> d. UPGRADE	<input type="checkbox"/> 1-ORAL																						
<input type="checkbox"/> e. MULTI-UNIT	<input type="checkbox"/> 2-WRITTEN (Category _____)																						
	<input type="checkbox"/> 3-SIMULATOR																						
<b>2. CITIZENSHIP (AG)</b> <input checked="" type="checkbox"/> a. UNITED STATES <input type="checkbox"/> b. OTHER (Specify) _____		<b>3. BIRTH DATE (AJ)</b> <table style="width:100%;"> <tr> <td>MONTH</td> <td>DAY</td> <td>YEAR</td> </tr> <tr> <td>09</td> <td>18</td> <td>417</td> </tr> </table>		MONTH	DAY	YEAR	09	18	417														
MONTH	DAY	YEAR																					
09	18	417																					
<b>5. TYPE OF LICENSE APPLIED FOR (AI)</b> <input checked="" type="checkbox"/> a. OPERATOR <input type="checkbox"/> b. SENIOR OPERATOR <input type="checkbox"/> c. LIMITED SRO (e.g. Fuel Handler) <input type="checkbox"/> d. INSTRUCTOR CERTIFICATION		<b>6. PREVIOUS LICENSE(S) HELD (AJ)</b> <table style="width:100%;"> <tr> <th>a. DOCKET NUMBER</th> <th>b. LICENSE NUMBER</th> <th>c. EXPIRATION DATE</th> <th>d. FACILITY DOCKET NUMBER</th> </tr> <tr> <td>55-3690</td> <td>OP-2930</td> <td>08/12/76</td> <td>50-10 &amp; -237 &amp; -249</td> </tr> <tr> <td>55-3690</td> <td>SOP-2774</td> <td>08/12/78</td> <td>50-10 &amp; -237 &amp; -249</td> </tr> </table>		a. DOCKET NUMBER	b. LICENSE NUMBER	c. EXPIRATION DATE	d. FACILITY DOCKET NUMBER	55-3690	OP-2930	08/12/76	50-10 & -237 & -249	55-3690	SOP-2774	08/12/78	50-10 & -237 & -249								
a. DOCKET NUMBER	b. LICENSE NUMBER	c. EXPIRATION DATE	d. FACILITY DOCKET NUMBER																				
55-3690	OP-2930	08/12/76	50-10 & -237 & -249																				
55-3690	SOP-2774	08/12/78	50-10 & -237 & -249																				
<b>7. NAME OF APPLICANT'S EMPLOYER (AK)</b> RYS Enterprise, Inc. <b>ADDRESS (AL)</b> 5559 Ryewyck Court <b>CITY (AM)</b> Toledo <b>STATE (AN)</b> Ohio <b>ZIP CODE (AO)</b> 43614		<b>10. CURRENT POSITION AT FACILITY (AS)</b> <table style="width:100%;"> <tr> <td><input type="checkbox"/> a. PLANT SUPERINTENDENT</td> <td><input type="checkbox"/> AUXILIARY UNIT OPERATOR/ TRAINEE/TURBINE BUILDING/ EQUIPMENT OPERATOR (NONLICENSED OPERATOR)</td> </tr> <tr> <td><input type="checkbox"/> b. ASSISTANT PLANT SUPERINTENDENT</td> <td></td> </tr> <tr> <td><input type="checkbox"/> c. SHIFT SUPERVISOR</td> <td></td> </tr> <tr> <td><input type="checkbox"/> d. STAFF ENGINEER</td> <td><input checked="" type="checkbox"/> OTHER (Specify) Shift Operations Advisor</td> </tr> <tr> <td><input type="checkbox"/> e. SHIFT TECHNICAL ADVISOR/SHIFT ENGINEER</td> <td></td> </tr> <tr> <td><input type="checkbox"/> f. INSTRUCTOR</td> <td></td> </tr> <tr> <td><input type="checkbox"/> g. SENIOR CONTROL ROOM OPERATOR</td> <td></td> </tr> <tr> <td><input type="checkbox"/> h. CONTROL ROOM OPERATOR</td> <td></td> </tr> </table>		<input type="checkbox"/> a. PLANT SUPERINTENDENT	<input type="checkbox"/> AUXILIARY UNIT OPERATOR/ TRAINEE/TURBINE BUILDING/ EQUIPMENT OPERATOR (NONLICENSED OPERATOR)	<input type="checkbox"/> b. ASSISTANT PLANT SUPERINTENDENT		<input type="checkbox"/> c. SHIFT SUPERVISOR		<input type="checkbox"/> d. STAFF ENGINEER	<input checked="" type="checkbox"/> OTHER (Specify) Shift Operations Advisor	<input type="checkbox"/> e. SHIFT TECHNICAL ADVISOR/SHIFT ENGINEER		<input type="checkbox"/> f. INSTRUCTOR		<input type="checkbox"/> g. SENIOR CONTROL ROOM OPERATOR		<input type="checkbox"/> h. CONTROL ROOM OPERATOR					
<input type="checkbox"/> a. PLANT SUPERINTENDENT	<input type="checkbox"/> AUXILIARY UNIT OPERATOR/ TRAINEE/TURBINE BUILDING/ EQUIPMENT OPERATOR (NONLICENSED OPERATOR)																						
<input type="checkbox"/> b. ASSISTANT PLANT SUPERINTENDENT																							
<input type="checkbox"/> c. SHIFT SUPERVISOR																							
<input type="checkbox"/> d. STAFF ENGINEER	<input checked="" type="checkbox"/> OTHER (Specify) Shift Operations Advisor																						
<input type="checkbox"/> e. SHIFT TECHNICAL ADVISOR/SHIFT ENGINEER																							
<input type="checkbox"/> f. INSTRUCTOR																							
<input type="checkbox"/> g. SENIOR CONTROL ROOM OPERATOR																							
<input type="checkbox"/> h. CONTROL ROOM OPERATOR																							
<b>8. NAME OF APPLICANT'S FACILITY (AP)</b> Fermi 2 Power Plant <b>FACILITY DOCKET NUMBER (AQ)</b> 50-341		<b>9. ADDITIONAL FACILITY DOCKETS (Multi-Unit Licenses) (AR)</b> N/A																					
<b>11. EDUCATION (AT)</b>																							
<b>a. HIGH SCHOOL</b> <input checked="" type="checkbox"/> GRADUATE <input type="checkbox"/> GED EQUIVALENCY <input type="checkbox"/> NO	<b>c. MAJOR AREA(S) OF STUDY</b> ENGINEERING (field) N/A OTHER _____	<b>DEGREE CODES (To be used for HIGHEST DEGREE obtained)</b> 0-NONE 1-CERTIFICATE 2-ASSOCIATE 3-BACHELOR 4-MASTER 5-DOCTORAL	<b>d. VOCATIONAL/TECHNICAL</b> TYPE OF TRAINING N/A																				
<b>b. NUMBER OF YEARS OF COLLEGE</b> 0	<b>NUMBER OF YEARS</b> _____	<b>HIGHEST DEGREE</b> _____	<b>NUMBER OF MONTHS</b> _____																				
<b>12. TRAINING (AU) (1)</b>																							
<b>1- NUCLEAR POWER PLANT FUNDAMENTALS</b> (Classroom)	<b>a. MONTH AND YEAR</b> <table style="width:100%;"> <tr> <th>FROM</th> <th>TO</th> </tr> </table>	FROM	TO	<b>b. NUMBER OF WEEKS</b> _____	<b>13. EXPERIENCE (AV)</b> <table style="width:100%;"> <tr> <th>a. MONTH AND YEAR</th> <th>b. NUMBER OF MONTHS</th> </tr> <tr> <td>FROM TO</td> <td></td> </tr> </table>	a. MONTH AND YEAR	b. NUMBER OF MONTHS	FROM TO															
FROM	TO																						
a. MONTH AND YEAR	b. NUMBER OF MONTHS																						
FROM TO																							
<b>2- PLANT SYSTEMS</b> CLASSROOM OBSERVATION	_____	_____	_____																				
<b>3- OPERATING PRACTICE</b> CONTROL ROOM OPERATIONS SIMULATOR OPERATIONS (Includes Classroom) SIMULATOR NAME(S): _____ CERTIFICATE RECEIVED <input type="checkbox"/> YES <input type="checkbox"/> NO NUMBER OF REACTIVITY MANIPULATIONS _____	_____	_____	_____																				
<b>4- SRO INSTRUCTION</b>	_____	_____	_____																				
<b>5- EXTRA PERSON ON SHIFT</b>	_____	_____	_____																				
<b>6- REQUALIFICATION</b>	_____	_____	_____																				
<b>7- OTHER (Specify) Selected Systems and Procedural Training</b>	3/84 (2) 17	_____	_____																				
<b>NAVY</b> 1-RO 2-ECOW/PPWO 3-EWS PPWS 4-ERS CRW 5-OTHER (Specify) FISSILE 6-OPERATOR 7-SUPERVISOR 8-PLANT STAFF 9-OTHER (Specify) COMMERCIAL NUCLEAR (Including Research/Test Reactor) 10-REACTOR OPERATOR 11-SENIOR OPERATOR 12-SHIFT SUPERVISOR 13-STAFF/SHIFT ENGINEER 14-AUX EQUIP (NONLICENSED) OPERATOR 15-PLANT STAFF SOA 16-OTHER (Specify) Shift Foreman (SRO) Operation Consultant Startup Engineer Operation Consultant Startup Engineer Oper. Training Consultant		4/71 5/76 61 5/67 4/71 47 3/84 Pres. 3 5/76 11/77 18 11/77 9/81 45 9/81 7/82 9 7/82 4/83 9 4/83 12/83 8 12/83 3/84 4																					

## 14. EXPERIENCE DETAILS (AW)

a. POSITION TITLE	b. FACILITY	c. DUTIES
Equipment Attendant	Dresden Station 1,2,3	Operate the plant from the local equipment control as directed by the License Operators.
Equipment Operator	Dresden Station 1,2,3	Electrical Switching and Assistance Training of Equipment Attendant. Fuel Handling.
Nuclear Station Operator (RO)	Dresden Station 1,2,3	The safe and efficient operation of 2 BWR 4's and 1 BWR 1 from a central control room.
Shift Foreman (SRO)	Dresden Station 1,2,3	Direct the safe and efficient operation of 2 BWR 4's and 1 BWR 1.
Operation Consultant (NUS)	Fermi 2	Writing System Descriptions.
Operation Consultant (NUS)	RiverBend Unit 1	Writing System Descriptions, Operations Procedures, Alarm Response, Admin. Procedures and Surveillance Test Procedures.
Operation Consultant (NUS) (Continued in Item 15)	Fermi 2	Writing System Operating Procedures, Alarm Response, Abnormal & Emer. Response Procedures.

## 15. COMMENTS (Specify the item number to which you are elaborating)

12. (1) Training detailed in Item 12 is only that provided at Fermi 2.

12. (2) To be completed by 7/84.

14. (Cont.) a. Position Title

b. Facility

c. Duties

Startup Engineer  
(Quadrex)

Clinton Station

Wrote Startup Pre-operation Test Procedures and performed testing on the following Systems: Reactor Recirc System, High Pressure Core Spray, Off-Gas, Main Steam, and Main Steam Leakage Control System. Writing System Operating Procedures, Surveillance Test Procedures and Alarm Response Procedures.

Operation Consultant  
(Mode One)

Waterford 3

Startup Engineer  
(SunBelt Tech)

RiverBend Unit 1

Wrote Startup Acceptance Test Procedures and tested the following Systems: Main Turbine Oil System, Stator Cooling, Waste Oil System, Lube Oil Storage System, Gland Seal System, EHC System, and Seal Oil System.

Operation Consultant  
(Resource Technical Services, Inc.)

Fermi 2

Three months writing Training Lesson Plans. Involved in Pre-license Training for obtaining a SRO on Fermi 2 to become a Shift Operations Advisor.

FOR NRC USE

MEETS REQUIREMENTS

DOES NOT MEET REQUIREMENTS

16. NRC FORM 306, CERTIFICATE OF MEDICAL EXAMINATION (AX)

a. IS ATTACHED

b. WILL BE FORWARDED

17a. I certify that the information provided on this form is true and correct to the best of my knowledge. I also authorize the NRC to submit the results of examinations to my employer for use in preparing retraining programs, as necessary.

*Richard J. Jolly* 8/6/84  
SIGNATURE - APPLICANT

*Richard J. Jolly*  
DATE

6-8-84  
DATE

b. I certify that the above named individual has or will have completed by the time of examination all the required training and has learned to operate the controls in a competent and safe manner pursuant to Title 10, Code of Federal Regulations, Part 55, and that the individual has a need for an Operator/Senior Operator license to perform his/her assigned duties. I also certify that the facility will be made available for examination.

*Stanley J. Katon*  
SIGNATURE - TRAINING COORDINATOR

6-7-84  
DATE

*Thayne H. Jans*  
SIGNATURE - HIGHEST LEVEL OF CORPORATE MANAGEMENT FOR PLANT OPERATION

6/7/84  
DATE

c. RENEWAL ONLY. I certify that the above named individual has satisfactorily completed the approved requalification program as required by section 50.54(i)-(l) of 10 CFR 50, and that s/he has discharged his/her licensed responsibilities competently and safely.

SIGNATURE - TRAINING COORDINATOR

DATE

SIGNATURE - HIGHEST LEVEL OF CORPORATE MANAGEMENT FOR PLANT OPERATION

DATE

Richard J. Jolley

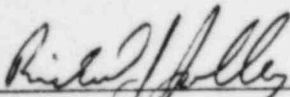
Past Technical Training

- |              |                    |  |
|--------------|--------------------|--|
| 1. 1968      | 4 Weeks            | Dresden, Unit 2 and 3 Systems Trng.  |
| 2. 1970      | 90 Days            | G.E. Certification (RO) for Dresden Unit 2 and 3.                                  |
| 3. 1970      | 90 Days            | On the job training for (RO) License for Dresden Unit 2 and 3.                     |
| 4. 1970-1971 | 90 Days            | RO License Training for Dresden Unit 1.  |
| 5. 1971-1976 | 7-10 Days per year | Requalification Training every 2 years - 3 days Simulator and Requalification test |
| 6. 1976      | 60 Days            | SRO License Training for Dresden Unit 2 and 3.                                     |
| 7. 1976      | 45 Days            | SRO License Training for Dresden Unit 1.   |
| 8. 1984      | 17 Weeks           | Selected Systems and Procedure Training for Fermi 2.                               |

Types of training received in the above:

- o Nuclear Theory
- o Health Physics
- o Administration Procedures
- o Technical Specifications
- o Systems Training
- o Abnormal and Emergency Operation and Procedures

I certify that the above is true to the best of my knowledge.



Richard James Jolley

6-8-84

Date

PERSONAL QUALIFICATIONS STATEMENT-LICENSEE

Continued for Richard James Jolley

---

15. COMMENTS

14. (Cont.)	<u>a. Position Title</u>	<u>b. Facility</u>	<u>c. Duties</u>
	Shift Operations Advisor	Fermi 2	Responsible to assist the Nuclear Shift Supervisor, the Nuclear Assistant Shift Supervisor, and other Control Room personnel in carrying out their responsibilities by assisting and advising, as necessary, utilizing acquired commercial BWR operating experience.