

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. Eisenhut to W. H. Jens

Operating Shift Staffing for Fermi 2 Subject:

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 provided 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 0500034

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 informa-

tion. 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 De-

scription for the shift advisors is

enclosed.

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 Admini-

strative 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 quali-

fication requirements for the shift

advisors.

Edison Response: Edison's shift advisors will meet the

NRC medical qualification requirements

for licensed operators.

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.

Tought A Jens

Enclosures

cc: P. M. Byron M. D. Lynch

USNRC, Document Control Desk,

Washington, DC 20555

bcc: F. E. Agosti*
L. P. Bregni
W. F. Colbert*
O. K. Earle
W. R. Holland
S. J. Latone
R. S. Lenart*
E. Lusis
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

TO T ARPJ

NAME	NUCLE	COMMERCIAL NUCLEAR EXPERENCE	MENCE	NAVY NUCLEAR	LEAR	SIMILAR	NUCLEAR	EAR	TRANNA	NG.		EQUIVALENT
POSITION	BWR	PWR	OTHER	RO.EWS EOOW.PPWS	OTHER	SMALEATOR	OTHER	OWN	сомристия	SPENT IN TRNG.	DEGME	NUCLEAR PLANT EXPERENCE
MAXIMAM CREDIT ALLOWED	No	Limit		* 36		6	12	24	6	6	12	
G. Pierce NSS SRO	4			152	94	3		17		15		68.5
DeLucia NASS SRO	,					3		58		15		40.5
Effan NSO SRO				79	29	3		18		15		64.5
Petermen NSO RO				42	56	3		91		15		63.5
Conoyer NSO RO				36	36	3		8		15		49.5
Karnik NSO					84			27				38.5
D. Pierce NSO				09	12	1	34	9	8			51
Reincke NSO				12	84			5				30.75
STA (*1)												
TOTAL	4			381	347	16	34	155	8	75		406.75
WEIGHING	1.0	27.	27.	.5	.25	3.0	.25	(*2)	.25	5.	(*3)	
NSS - Nuclear Shift Supervisor NASS - Nuclear Assistant Shift supervisor	Shift	Super	visor Shift s	upervisor		TIA.	TIME IN MONTHS	•	*1 For d *2 Less	For data see SI Less than 14 ye		Load -
NCO - Nuclear emperator	* 00000	o in	Onerge	***					More		years prior	to Fuel Load30

Attachment 1

NSO - Nuclear supervising Operator STA - Shift Technical Advisor

*2 Less than 1% years prior to Fuel Load - .75 More than 1% years prior to Fuel Load - .50

WE	NUCLE	OMMERCI AR EXPE RO/SRO	PIENCE	NAVY NUC EXPERIE	LEAR	SIMILAR	NUCL EXPER	EAR	TRAIN	NG		EQUIVALENT TOTAL
POSITION LICENSE	BWR		OTHER	RO,EWS EOOW,PPWS	OTHER	SIMULATOR EXPERIENCE	OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRNG.	DEGREE	NUCLEAR PLANT EXPERIENCE
MAXIMUM CREDIT	1	No Lim	it	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)												
TOTAL	36			195	269	15		146		75		355.25
WEIGHING FACTOR	1.0	.75	.75	.5	.25	3.0	.25	(*2)	.25	.5	(*3)	

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

NAME		AR EXPE	RIENCE	NAVY NUC EXPERIE	LEAR	SIMILAR	NUCL EXPER	EAR	TRAIN	ING		EQUIVALENT TOTAL
POSITION LICENSE	BWR	PWR	OTHER	RO,EWS EOOW,PPWS	OTHER	SIMULATOR EXPERIENCE	OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRNG.	DEGREE	NUCLEAR PLANT EXPERIENCE
MAXIMUM CREDIT ALLOWED	No	Limit		36		9	12	24	9	9	12	
Schehr NSS SRO						3		58		15		40.5
Flint NASS SRO		1		63	55	3		5		15		56.25
Burt NSO SRO	4			10	87	3		12		15		56.25
Whited NSO RO			4			3		17		15		28.5
Powell NSO RO				42	30	3		16		15		57
Keisic NSO				42	52			18			4	46
Bradley NSO				35	96			6				40.5
STA (*1)												\$440.30
			.2							4123		
TOTAL	4			192	320	15		132		75		325.0
WEIGHING FACTOR	1.0	.75	.75	.5	.25	3.0	.25	(*2)	.25	.5	(*3)	

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

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OPERATING SHIFT EXPERIENCE

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NAME	NUCLE	COMMERCIAL NUCLEAR EXPERENCE	SAL	NAVY NUCLEAR		SHARLAR	NUCLEAR	EAR	TRABBNG	BNG.		EQUIVALENT
POSITION	BWR	PWR	ОТНЕЯ	RO,EWS FOOW PPWIS	OTHER	SMALLATOR	OTHER	OWN	CONDUCTING	SPENT IN TRNG.	DEGREE	NUCLEAR PLANT EXPERIENCE
MAXMAM CREDIT		No Limit	it	36		6	12	24	6	6	12	
Clark NSS SRO						3		58		15		40.5
Hall NASS SRO	4			09	34	3		17		15		68.5
Palermo NSO RO				s	103	3		. 11	7	15		53
Thrift NSO RO				43	29	3		5		15		67
Hartley NSO RO				5	19	3		3		15		38
Johnson				12	99			20				33.5
Valdez				99	80			4				38
Teribery NSO				09	84			9				38.25
TOTAL												
WEIGHING FACTOR												
LEGEND						TIME	TIME IN MONTHS					

NAME	HUCLE	AR EXPE	RIENCE	NAVY NUC EXPERIE	LEAR	SIMILAR	NUCL EXPER	EAR	TRAIN	ING		EQUIVALENT
POSITION LICENSE	BWR		OTHER	RO,EWS EOOW,PPWS	OTHER	SIMULATOR EXPERIENCE	OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRNG.	DEGREE	NUCLEAR PLANT EXPERIENCE
MAXIMUM CREDIT ALLOWED	No	o Limi	t	36		9	12	24	9	9	12	
STA (*1)												
1 3 4 1 2												
TT-												
TOTAL	4			251	385	15		121	1 1 8	75	100-14	358.75
WEIGHING FACTOR	1.0	.75	.75	.5	.25	3.0	.25	(*2)	.25	.5	(*3)	

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

WE	MUCLE	OMMERCI AR EXPS	RIENCE	NAVY NUC EXPERIE	LEAR	SIMILAR	NUCL EXPER	EAR IENCE	TRAIN	ING		EQUIVALENT TOTAL
OSITION LICENSE	BWR	PWR	OTHER	RO,EWS EOOW,PPWS		SIMULATOR EXPERIENCE	OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRNG.	DEGREE	NUCLEAR PLANT EXPERIENCE
MAXIMUM CREDIT ALLOWED	N	o Limi	t	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	4	6		15		49.75
Trimai NSO				i ja		1		32		6		25
Kline NSO				34	62		¥7-4	7				37.75
Kelly NSO				42	42			6				36
Goodman NSO				58	50			8				42
TOTAL				-						4567		
WEIGHING FACTOR				1 4								

TIME IN MONTHS

WE	NUCLE	AR EXPE	RIENCE	NAVY NUC EXPERIE	LEAR	SIMILAR	NUCL EXPER	EAR ENCE	TRAIN	ING		EQUIVALENT
OSITION ICENSE	BWR	PWR	OTHER	RO,EWS EOOW,PPWS	OTHER	SIMULATOR EXPERIENCE	OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRNG.	DEGREE	NUCLEAR PLANT EXPERIENCE
MAXIMUM CREDIT ALLOWED	N	o Limi	t	36		9	12	24	9	9	12	
STA (*1)												
	-		-									
											B.	
												4
44.214.84												
TOTAL	4		-	195	333	16		215		81		385
WEIGHING FACTOR	1.0	.75	.75	.5	.25	3.0	.25	(*2)	.25	.5	(*3)	

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 Summantion Sheet

*2 Less than 1½ years prior to Fuel Load - .75 More than 1½ years prior to Fuel Load - .50

WE	NUCLE	AR EXPE	RIENCE	NAVY NUC EXPERIE	LEAR	SIMILAR	NUCL EXPER	EAR ENCE	TRAIN	NG		EQUIVALENT TOTAL
NOSITION LICENSE	BWR	PWR	OTHER	RO,EWS EOOW,PPWS	Ī	SIMULATOR EXPERIENCE	OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRING.	DEGREE	NUCLEAR PLANT EXPERIENCE
MAXIMUM CREDIT ALLOWED	N	o Limi	t	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	Maria Par			33.75
Trapp NSO				108	36			6				40.5
Given NSO					84		36	7				35.25
STA (*1)			L.				-4.7					
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)	

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 12 years prior to Fuel Load - .75 More than 12 years prior to Fuel Load - .50

HME	NUCLE	COMMERCIAL NUCLEAR EXPERENCE	AL RENCE	NAVY NUCLEAR		SMELAR	NUCLEAR	EAR	TRAMMIG	BNG		EQUIVALENT
POSTICON	BWR	PWR	7	ROEWS	OTHER	SMALATOR	OTHER	OWN	сомристив	SPENT IN TRNG.	DEGREE	NUCLEAR PLANT EXPERENCE
MAXBALM CREDIT ALLOWED	No	o Limit		36		6	12	24	6	6	12	
Dong STA						.25		47		4	12	30.5
Haupt		*				.25		98		4	12	32.75
McCracken STA						.25		95		4	12	30.25
Ohlemacher STA				87	12	3		33		4	12	62.25
Tibai						3		85		4	12	(17
				1								
TOTAL				87	12	6.75		297		20	09	196.75
WEIGHING FACTOR	1.0	.75	.75	s.	.25	3.0	.25	(*1)	.25	5.	(*2)	
LEGEND						THE	TIME IN MONTHS		*1 Or Chif	iehin	k voore n	*1 on chift within 1k wears prior to Fuel Load75

STA - Shift Technical Advisor

*1 On Shift Within 13 years prior to rue:
Other plant experience - .25
*2 Bachelor of Science Degree - 12 months
Associate or °cience Degree - 6 months

WE	MICLE	AR EXPE	RIENCE	NAVY NUC EXPERIE		SMEAR	MUCL EXPER	EAR ENCE	TRAN	ING		EQUIVALENT
POSITION LICENSE	SWR	PWR	OTHER	ROLEWS EOOW,PPWS	inner.	SIMULATOR EXPERIENCE	OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRING.	DEGREE	NUCLEAR PLANT EXPERIENCE
MAXIMAM CREDIT ALLOWED	No	o Limi	t	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					1.7	48	8		4		102
Howard SOA SRO	155	24	-					4		4	12	190
Scott SOA SRO	77	8		20	44		48			4		118
4												
1												
	-			1	-	-						
- LAB.	-				_							
TOTAL	413	32		20	44	-21	184	22		20	24	554.5
WEIGHING FACTOR	1.0	.75	.75	,5	.25	3.0	.25	(*1)	.25	.5	(*2)	

SOA - Shift Operations Advisor

THE 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

NA.E	NUCLE	MAMERCA AR EXPE	RIENCE	NAVY NUC EXPERIE	LEAR	SMILAR	NUCL EXPER	EAR ENCE	TRAIN	NG		EQUIVALENT TOTAL
POSITION LICENSE	BWR	PWR	OTHER	RO,EWS EOOW,PPWS		SIMULATOR EXPERIENCE	OTHER PLANTS	OWN PLANT	CONDUCTING	TIME SPENT IN TRNG.	DECINEE	NUCLEAR PLANT EXPERIENCE
MAXIMAM CREDIT ALLOWED	N	o Limi	t	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		1.5		40.5
Preston O.S. SRO						3		58		15		40.5
Plona T.E. SRO						3		78		5	12	47.5
											1	
TOTAL				78	30	15		286		65	36	269.5
WEIGHING FACTOR	1.0	.75	.75	.5	.25	3.0	.25	(*1)	.25	.5	(*2)	

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

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

DATE 3-6-84

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

JOB TITLE: Nuclear Shift Supervisor (NOTE 2)

MONTHS / WEIGHTING FACTOR

CHTER DATA:

	TYPE OF EXPENIENCE	PACTOR PACTOR	CREDIT	-	~	-	-	5 .	•	-	-	-	10	г
1	1. SAME TYPE COMMENCIAL SHO	1.00	NO LIMIT	4										_
2	2. OTHER COMMENCIAL BRO	.75	NO LIMIT											_
i	SAME TYPE COMMENCIAL NO	1.00	NO LIMIT										1	_
2	4. OTHER COMMERCIAL RO	0.75	NO LINIT								1			
.2	S. MAVY (MILITARY) MUCLEAR (80, ENS, EOGM, PPWS) (OTHER)	0.50	36 HOWTHS	36				21	21					
1.0	6. SIMULATOR (REPERSHER PLANT)	3.00	12 MONTHS (32 MONTHS) (9 MONTHS)	6	6	6	0.	6	6					
	7. NUCLEAR PLANT EXPERIENCE ON SHIFT (OMN PLANT) (LESS THAN 1 1/2 YEARS PRIOR TO F.L.) (MORE THAN 1 1/2 TEARS PRIOR TO F.L.)	9.50	24 MONTHS (12 MONTHS) (12 MONTHS)	12	12	12	12	12	12				1	-
- 2	8. LICENSED CLASSROOM TRAINING AND EXAM (ONN PLANT)	0.50	9 MONTHS	7.5	7.5	7.5	7.5	7.5	7.5				1	Т-
-	9. PARTICIPATION AT OPERATING PLANT	0.75	12 HONTHS						T				1	Т
	10. OTHER MUCLEAR PLANT EXPERIENCE	0.25	12 HONTHS						1			1	1	T
4	11. COMDUCTING LICEMSE TRAINING	0.25	9 MONTHS									1	-	1
40	12. DECREE (ENGTHERRING, APPLIED SCIENCE OR EQUIVALISM) (BACHELORS DECREE) (ASSOCIATES DECREE)		12 MONTHS (12 MONTHS) (6 MONTHS)											
	TOTAL MUCLEAR PLANT EXPERIENCE:			68.5	40.5	40.5	40.5	67.5	61.5				1	T
	HOT PARTICIPATION EXPERIENCE TIME > 20% PMR/Rem (MKS) STARTUP & SHUTDOWN (YES/MO)	PATION EXP	PIENCE	15 yes										
	MONTHS ON SHIPT			.7				1				_		

SEE "INSTRUCTIONS FOR USE OF NUCLEAR PLANT EXPERIENCE FACTORS FOR CHECK GHZ OF THE FOLLOWINGS OPERATING SHIFT POSITIONS (OL APPLICANTS)" HOTE 1:

Shift advisors will probably be required, at least for some shifts. Shift advisors must be used to satisfy the "hot participation experience" requirements of the utility plan. INCLUDE ALL SHIFT SUPERVISORS (SS), SHIFT SRO'S, REACTOR OPERATORS (RD) ... AND SRIFT TECHNICAL ADVISORS (STA). NOTE 2:

Do not plan to use shift advisors unless some unforeseen circuistance arises. .. 0

Page 1 of 1

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

JOB TITLE: Nuclear Assistant Shift Supervisor (NOTE 2)

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

MONTHS/MONTHS X WEIGHT HG PACTOR ENTER DATA:

-	TYPE OF EXPERIENCE	WEIGHTING FACTOR	MAXIMUM CREDIT	. 1	2	3		5	6	7	,	10
£.	SAME TYPE COMMERCIAL SRO	1.00	NO LIMIT				4	4	4			
2.	OTHER COMMERCIAL SHO	.75	NO LINIT									
١.	SAME TYPE COMMERCIAL NO	1.00	NO LIMIT									
١.	OTHER COMMERCIAL RO	0.75	NO LIMIT	1								
٠.	NAVY (MILITARY) NUCLEAR (RO, EMS, EOON, PPMS) (OTHER)	9.50 0.25	16 HONTHS		28 8	31.5 4.5	30 6		7.5 13.75			
	SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00	12 MONTHS (12 MONTHS) (9 MONTHS)	9	9	9	9	9	9			
1.	NUCLEAR PLANT EXPERIENCE ON SHIFT (ONN PLANT) (LESS THAN 1 1/2 YEARS PRIOR TO F.L.) (MORE THAN 1 1/2 YEARS PRIOR TO F.L.)	0.75	24 MONTHS 12 MONTHS) 12 MONTHS)	12 12	12 11.5	3.75	12	12 12	12			
*	LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	7,5	7.5	7.5	7.5	7.5	7.5			
١.	PARTICIPATION AT OPERATING PLANT	0.75	12 HONTHS									
	OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS									
	CONDUCTING LICENSE TRAINING	0.25	9 MONTHS									
	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			
	HOT PARTICIPATION (WES) STARTUP 4 SHUTDOWN (YES/NO) MONTHS ON SHIFT	ATION EXPER	IENCE				15 yes	15 yes	15 yes			

NOTE	1:	SEE "INSTRUCTIONS FOR USE OF	UCLEAR POWER	PLANT	EXPERIENCE	PACTORS	FO
		OPERATING SHIFT POSITIONS (OF	APPLICANTS) .	-		***************************************	

R CHECK ONE OF THE FOLLOWING:

INCLUDE ALL SHIFT SUPERVISORS (SS), SHIFT SRO'S, REACTOR OPERATORS (RO) . Shift advisors must be used to satisfy the "hot participation and SHIFT TECHNICAL ADVISORS (STA). NOTE 2:

- 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.

OPERATING SHIFT EXPERIENCE

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

JOB TITLE: Nuclear Supervising Operator

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

ENTER DATA: MONTHS/MONTHS X WEIGHTING FACTOR

-	TYPE OF EXPERIENCE	FACTOR	CREDIT	. 1	2	3		- 5	6	7		9	10
1	. SAME TYPE COMMERCIAL SRO	1.00	NO LIMIT										36
2	. OTHER COMMERCIAL SRO	.75	NO LINIT										
3	. SAME TYPE COMMERCIAL NO	1.00	NO LIMIT										
4	. OTHER CONMERCIAL RO	0.75	NO LINIT										
5	. NAVY (MILITARY) NUCLEAR (%O, EMS, EOOM, PPMS) (OTHER)	0.50 0.25	36 MONTHS	36	21 14	18	21	30 3	6 21	10 18.75	18	35.5	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	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										
٥.	OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS					8.5					
ı,	CONDUCTING LICENSE TRAINING	0.25	9 MONTHS					2					
2.	DEGREE (ENG*NEERING, 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
	TIME > 20% PWR/WHR (WKS) STARTUP & SHUTDOWN (YES/NO) MONTHS ON SHIFT	ATION EXPER	HENCE										

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

INCLUDE ALI. SHIFT SUPERVISORS (SS), SHIFT SRO'S, REACTOR OPERATORS (RO) . Shift advisors must be used to satisfy the "hot participation and SHIFT TECHNICAL ADVISORS (STA). NOTE 2:

- 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.

OPERATING SHIFT EXPERIENCE

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

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

JOB TITLE: Nuclear Supervising Operators (NOTE 2)

ENTER DATA: MONTHS/MONTHS X WEIGHTING FACTOR

	WEIGHTING FACTOR	CREDIT	. 1	2	1	4	. 5	6	7		,	10
. SAME TYPE COMMERCIAL SRO	1.00	NO LIMIT	4									
. OTHER COMMERCIAL SRO	.75	NO LIMIT						I had				
. SAME TYPE COMMERCIAL RO	1.00	NO LIMIT	1									
. OTHER COMMERCIAL RO	0.75	NO LINIT	1									
	0.50 0.25	36 MONTHS	5 21.75		7.5	21 13	17.5 18.5		2.5	21.5 7.25	2.5 16.25	6 15
	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	9	9	9				9	9	9	
		24 MONTHS (12 MONTHS) (12 MONTHS)	9	12	12	12	4.5		8.25	3.75	2.25	12
. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	7.5	7.5	7.5				7.5	7.5	7.5	
. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS									-	
. OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS										
. CONDUCTING LICENSE TRAINING	0.25	9 MONTHS									-	-
. DEGREE (ENG'NEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)		12 MONTHS (12 MONTHS) (6 MONTHS)										
TOTAL NUCLEAR PLANT EXPERIENCE:	47.4		56.25	28.5	57	46	40.5		53	49	37.5	33.
HOT PARTICIPA	TION EXPER	RIENCE	1									
TIME > 20% PMR/BHR (WKS)			15							-		
STARTUP & SHUTDOWN (YES/NO)			yes 4				100					
MONTHS ON SHIFT			1 1					100				
NOTE 1: SEE "INSTRUCTIONS FOR USE OF NUCLEAR OPERATING SHIFT POSITIONS (OL APPLIC	POWER PLAN	T EXPERIENCE	PACTORS POR	CHECK	ONE OF	THE PO	LLOWING:					

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.

MONTHS ON SHIFT

OPERATING SHIFT EXPERIENCE

PLANT NAME Fermi 2 UTILITY Detroit Edison

O.L. DATE 6-30-84

NUCLEAR POWER PLANT EXPERIENCE

JOB TITLE: Nuclear Supervising Operator (NOTE 2)

POR OPERATING SHIFT POSITIONS (NOTE 1) ENTER DATA: MONTHS/MONTHS X WEIGHTING FACTOR WEIGHTING MAXIMUM TYPE OF EXPERIENCE FACTOR CREDIT 1. SAME TYPE COMMERCIAL SRO 1.00 NO LIMIT 2. OTHER COMMERCIAL BRO . 75 NO LIMIT 1. SAME TYPE COMMERCIAL NO 1.00 NO LIMIT 4. OTEER COMMERCIAL RO 0.75 NO LIMIT 5. NAVY (HILITARY) NUCLEAR 11 36 MONTHS 21 29 17 21.5 3 33 30 (RO, EWS, ECOM, PPWS) 9.50 15.5 10.5 19 7.25 16.5 (OTHER) 0.25 6. SIMULATOR 12 MONTHS (REFERENCE PLANT) 5.00 (12 MONTHS) 9 3 9 (SIMILAR) 9 9 3.00 (9 MONTHS) 7. NUCLEAR PLANT EXPERIENCE ON SHIFT (ONN PLANT) 2.25 24 MONTHS 12 5.25 4.5 2.25 12 4.5 3 (LESS THAN 1 1/2 YEARS PRIOR TO F.L.) 0.75 (12 MONTHS) 12 (MORE THAN 1 1/2 YEARS PRIOR TO F.L.) 0.50 (12 MONTHS) 7.5 9. LICENSED CLASSROOM TRAINING AND EXAM 3 7.5 0.50 9 MONTHS 7.5 7.5 (OWN PLANT) 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) 12 MONTHS (BACHELORS DEGREE) (12 MONTHS) (ASSOCIATES DEGREE) (6 MONTHS) TOTAL NUCLEAR PLANT EXPERIENCE: 48.75 37.75 36 25 40.51 49.75 38 38.25 42 HOT PARTICIPATION EXPERIENCE TIME > 20% PWR/BHR (WKS) STARTUP & SHUTDOWN (YES/NO)

STO	1:	SEE "INSTRUCTION	S POR	USE	OF	NUCLEAR	POWER	PLANT	EXPERIENCE	PACTORS	POR
		OPERATING SHIFT	P061	TIONS	5 (OL APPLIC	CANTS)				

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.

OPERATING SHIFT EXPERIENCE

PLANT NAME Fermi 2 UTILITY Detroit Edison

O.L. DATE 6-30-84

JOB TITLE: Nuclear Supervising Operator (NOTE 2)

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

ENTER DATA: MONTHS/MONTHS & WEIGHTING FACTOR

b. Shift advisors will probably be required, at least for some shifts.
 c. Do not plan to use shift advisors unless some unforeseen circurstance arises.

TYPE OF EXPERIENCE	WEIGHTIN PACTOR	G MAXIMUM CREDIT	1	2	3		5	6	7		9	10
SAME TYPE COMMERCIAL SRO	1.00	NO LIMIT										
OTHER COMMERCIAL SRO	.75	NO LIMIT										
SAME TYPE COMMERCIAL RO	1.00	NO LIMIT	-	-	-							
OTHER COMMERCIAL RO	0.75	NO LINIT										
NAVY (MILITARY) NUCLEAR (RO, EMS, EUGH, PPHS) (OTHER)	0.50 0.25	36 MONTHS	3 16.5	18 16.5	9 21	36	21				H	
SIMULATOR (REFERENCE PLANT) (SIMILAR)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)	9	9								
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					
LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 HOWTHS	7.5	7.5								_
PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS								_	-	-
OTHER NUCLEAR PLANT EXPERIENCE	0.25	12 MONTHS					9					
CONDUCTING LICENSE TRAINING	0.25	9 MONTHS					11					
DEGREE (ENG'NEERING, 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 PARTICIPATIME > 20% PMR/H-14 (MES) STARTUP & SHUTDOWN (YES/NO) MONTHS ON SHIPT	ATION EXP	ERIENCE										

Page 1 of 1

PLANT NAME Fermi 2 UTILITY Detroit Edison

O.L. DATE 6-30-84

JOB TITLE: Shift Technical Advisor (MOTE 2)

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

	FOR OPERATING SIL	FT PUSITION	o facto 11		ENTER DAT	TA2 M	CHTHS/HO	NTHS X W	BIGHTING	FACTOR			
TYPE OF EXP	ERIENCE	WEIGHTING FACTOR	MAXIMUM CREDIT	. 1	2	3		- 5	6	7		,	10
L. SAME TYPE C	OMMERCIAL SRO	1.00	NO LIMIT										
2. OTHER COMME	RCIAL SRO	.75	NO LIMIT										
1. SAME TYPE O	OMMERCIAL NO	1.00	NO LIMIT										
. OTHER COMME	RCIAL RO	0.75	NO LINIT										
(RO, EMS	ARY) NUCLEAR , EOCM, PPMS)	0.50 0.25	36 MONTHS				24						
SIMULATOR (REFEREN (SIMILAR	CE PLANT)		12 MONTHS (12 MONTHS) (9 MONTHS)	.75	.75	.75	9	9					
(LESS TH	WT EXPERIENCE ON SHIFT (ONN PLANT NM 1 1/2 YEARS PRIOR TO F.L.) NM 1 1/2 YEARS PRIOR TO F.L.)	0.75	24 MONTHS (12 MONTHS) (12 MONTHS)	6	6	6	6	6					
(OMN PLAI	ASSROCH TRAINING AND EXAM	0.50	9 MONTHS	2	2	2	2 _	2					_
. PARTICIPATIO	ON AT OPERATING PLANT	0.75	12 HONTHS			L S			-			-	-
. OTHER NUCLEI	AR PLANT EXPERIENCE	0.25	12 MONTHS	9.75	12	9.5	6.25	12					_
. CONTRACTING I	LICENSE TRAINING	0.25	9 MONTHS										_
EQUI /ALI	NEERING, APPLIED SCIENCE OR NT) IS DEGREE) TES DEGREE)	4	12 MONTHS 12 MONTHS) (6 MONTHS)	12	12	12	12	12			14		
TOTAL NUCLEA	R PLANT EXPERIENCE:			30.5	32.75	30.25	62.25	41			1		
	HOT PARTICIS PMR/MYR (WES) UTDOWN (YES/NO) LPT	PATION EXPER	IENCE										

STON	l:	SEE "INSTRUCTIONS	FOR USE	OF	NUCLEAR	POMER	PLANT	EXPERIENCE	PACTORS	FOI
		OPERATING SHIFT	POSITIONS	E 60	SE APPERT	CAMPBEL!				-

R CHECK ONE OF THE FOLLOWING:

HOTE 2: INCLUDE ALL SHIFT SUPERVISORS (SS), SHIFT SRO'S, REACTOR OPERATORS (RO) . Shift advisors must be used to satisfy the "hot participation and SHIFT TECHNICAL ADVISORS (STA).

D. 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

JOB TITLE: Plant Management Staff (NOTE 2)	LEAR POWER PLANT EXPERIENCE. SHATING SHIPT POSITIONS (NOTE 1) ENTER DATA: MONTHS/MONTHS X WEIGHTING PACTOR	PACTOR CREDIT 1 2 3 4 5 6 7
UTILITY Detroit Edison	FOR OF	OF EXPERIENCE

TYPE OF EXPERIENCE	PACTOR	CREDIT	-	2	3	-	5	-	-		10
1. SAME TYPE COMMERCIAL SHO	1.00	NO LIMIT									
2. OTHER COMMERCIAL SMO	27.	NO LINIT									
1. SAME TYPE COMMENCIAL NO	1.00	NO LIMIT									
4. OTHER COMMERCIAL RO	0.75	NO LIMIT									
5. MANT (MILITARY) MUCLEAR (NO. DNS. BOOM, PPWS) (OTHER)	0.50	36 NONTHS	36								
6. SIMULATOR (REFERENCE PLANT) (SIMILAR)	3.00	12 NONTHS (12 NONTHS) (9 NONTHS)	•	6	6	6	6				
7. NUCLEAR PLANT EXPERIENCE ON SHIFT (OMN PLANT) (LCSS THAN 1 1/2 TEARS PRIOR TO F.L.) (MORE THAN 1 1/2 TEARS PRIOR TO F.L.)	0.75	24 MONTHS (12 FONTHS) (12 MONTHS)	12	12	12 12	12	12				
4. LICENSED CLASSROOM TRAINING AND EXAM (ONN PLANT)	0.50	9 NONTHS	7.5	7.5	7.5	7.5	2.5			1	
9. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS								1	1
10. OTHER NICLEAR PLANT EXPERIENCE	0.25	12 NONTHS							1	1	1
II. COMDUCTING LICENSE TRAINING	0.25	9 NONTHS						1	1	1	1
12. DECREE (ENCYNERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DECREE) (ASSOCIATES DECREE)		12 MONTHS (12 MONTHS) (6 MONTHS)	12	12			12				
TOTAL MUCLEAR PLANT EXPERIENCE:			88.5	52.5	40.5	40.5	47.5				
SOT PARTICIPATION EXPERIENCE TIME > 20% PMR/W-R (MKS) STARTUP & SHUTDOWN (TES/W)) MONTHS ON SHIFT	PATTON ES	PERIDACE									

CHECK ONE OF THE POLLOWING: SEE "INSTRUCTIONS FOR USE OF NUCLEAR POWER PLANT EXPERIENCE PACTORS FOR OPERATING SHIFT POSITIONS (OL APPLICANTS)" SOTE 1:

Shift advisors must be used to satisfy the "hot participation experience" requirements of the utility plan. INCLUDE ALL SHIFT SUPERVISORS (SS), SHIFT SRO'S, REACTOR OPERATORS (RD) . AND SHIFT TECHNICAL ADVISORS (STA). NOTE 2:

☐ b. Shift advisors will probably be required, at least for some shifts.

C. Do not plan to use shift advisors unless some unforessen circurstance arises. OPERATING SHIFT EXPERIENCE

PLANT NAME Fermi 2 UTILITY Detroit Edison

O.L. DATE 6-30-84

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

(MOTE 2)

EFTER DATA: MONTHS / MONTHS X WEIGHTING FACTOR

TYPE OF EXPERIENCE	WEIGHTING FACTOR	CREDIT	. 1	2	3		- 5	- 6	7		,	10
. SAME TYPE COMMERCIAL SRO	1.00	NO LINIT	32	67	82	155	77					
OTHER COMMERCIAL SHO	.75	WO LIMIT				18	6					
SAME TYPE COMMERCIAL NO	1.00	NO LINIT										
OTHER CUMMERCIAL RO	0.75	NO LINIT										_
. NAVY (WILITARY) NUCLEAR (RO. EMS. ECOM. PPMB) (OTHER)	0.50 0.25	36 MONTHS					10 11					
. SINULATOR (REFERINCE PLANT) (SINILAH)	5.00 3.00	12 MONTHS (12 MONTHS) (9 MONTHS)										
. NUCLEAR PLANT EXPERIENCE ON SHIFT (ONE PLANT) (LESS THAN 1 1/2 YEARS PRIOR TO F.L.) (MORE THAN 1 1/2 YEARS PRICA TO F.L.)	0.75	24 MONTHS (12 MONTHS) (12 MONTHS)		7.5	6	3	1					_
. LICENSED CLASSROOM TRAINING AND EXAM (OWN PLANT)	0.50	9 MONTHS	2	2	2	2	2		-	-	-	-
. PARTICIPATION AT OPERATING PLANT	0.75	12 MONTHS						-	-	-	-	-
. OTHER HUCLEAR PLANT SEPERIENCE	0.25	12 MONTHS	12	10	12		12	_			-	-
. COMDUCTING LICENSE TRAINING	0.25	9 MINTHS							-	-	-	-
DEGREE (ENGINEERING, APPLIED SCIENCE OR EQUIVALENT) (BACHELORS DEGREE) (ASSOCIATES DEGREE)	1,7	12 MONTHS (12 MONTHS) (6 MONTHS)	12			12						
TOTAL NUCLEAR PLANT EXPERIENCE:			58	86.5	102	190	118					
BOT PARTICIP	ATION EXPE	PIENCE									1	
TIME > 201 PMR/WHR (MES)				215	280	416	280		1			1
STARTUP & SHUTDOWN (YES/WO)				yes	yes	yes	yes				1	1
MUNTES ON SHIFT			32	67	82	120	83	1	1	1		1

MOTE 1:	SEE "INSTRUCTIONS FOR USE OF BUCLEAR POMER PLANT EXPERIENCE FACTORS FOR	CHECK ONE OF THE FOLLOWING
	OPERATING SHIFT POSITIONS (OL APPLICANTS)"	Annual Control of the Control of the

NOTE 2: INCLUDE ALL SHIPT SUPERVISORS (SS), SHIPT SRO'S, REACTOR OPERATORS (NO) . 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 unforesean circumstance arises.

NAC Form 305 11 83: 10 CFR 55 10 AND 55 33	PERSON		A REGULATOR		NT-LICENSEE	Approx	3150 0090	DATE RECEI	v 60 /70 m	compre	₩
1 APPLICANT'S FULL NAME	(Last first middle) : A				A TYP	OF APPLICATION	N / "X " ADD-0	abre boxes! A	H:		
James, Jesse	Phillip				X . NEW		EAPPLICATI	04			
ADDRESS OR RED NUMB					1-407	-	1-FIRST 2-SECOND				
6708 Brintwo	od Road	Is?	ATE AE ZIP	ODE AF	X Z-COLD	-	3-THIRD				
Sylvania				3560	C UPGRADE		The second second	TION WAIVER	REQUESTE	0	
THE RESERVE AND ADDRESS OF THE PARTY OF THE	ZENSHIP (AG)	3	BIRTH DATE	AG)	d MULTIUNIT		1-ORAL				
X . UNITED STATES			MONTH DAY	YEAR			2-WHITTE	N /Caregory_			
B OTHER /Specify/		1	016 215	4 17			3-SIMULA	TOR			
S. TYPE OF LICENSE A	PLIED FOR (AI)			_	S. PREVIOUS LICENSE!		n nave I				_
a OPERATOR		* DOCKET		AOISA		MONTH DAY		-	TY DOCKET	-	-
E LIMITED SHO IS A		55-6098		X	0P-4552 S0P-4492	0 1 0 5		50-259 50-259			
d INSTRUCTOR CERT	The second secon	55-609	5	X	SUP-4492	0 11 0 15	1912	50-259	&-20U 8	8-29	10
T NAME OF APPLICANTS EN	MPLOYER (AK)				10 C	URRENT POSITION	AT PACILIT	TY (AB)			
Resource Te		B PLANT SUPERINTEND		(AO	EILIARY UNIT INNEE/TURBIN IPMENT OPE NLICENSEO O	MERATOR	Ğ.	-			
CITY (AM)			ATE AN ZIP C		a STAFF ENGINEER			ER (Specify)_			-
Toledo		CONTRACTOR OF COLUMN 2 IN COLU	Ohio' 43	Control of Section 1988	ADVISOR SHIFT ENG	NEER	- Ope	rations	Adv1	sor	
B NAME OF APPLICANTS F		N.	MBER AG	*	SENIOR CONTROL AC	NOW .					
Fermi 2 Powe		Licensey AR.	50-341	-	OPERATOR		-			-	-
N/A					* CONTROL ROOM OPE	RATOR					
.,,,,				11 EDUC	ATION IATI						
# HIGH SCHOOL	E MAJOR AREA	LISI OF STUDY	OF VELMS	#15 MEST	DEGREE CODES (Fo de used for HIGHEST DEGREE		DNAL TECHA	WICAL.	NUMBER OF MONTH		
X GRADUATE	ENGINEERING IN	(4)		Use code +	obtained /	TYPE OF TRAIN	NG			V 8.8	140
GED EQUIVALENCY	N/A		-		1-CERTIFICATE	N/A				-	_
NO B NUMBER OF YEARS	01(1				2-ASSOCIATE						
OF COLLEGE			-		3-BACHELOR 4-MASTER					\vdash	-
0					5 DOCTORAL						
	12 TRAINING	au (1)				13 EXPER	ENCE (AV)				
		STREET, STREET	HANGYEAR	NUMBER OF WEEKS				* MONTHA		S NUN	
NUCLEAR POWER PLANT	FUNDAMENTALS	FROM	10		NAVY			FROM	70	-	_
/Classroom/ 2- PLANT SYSTEMS	-		+		2-E00W PPW0			-		-	
CLASSROOM					1-EWS PPWS		-	1		-	-
OBSERVATION	-		_		4 ERS CRW	-		-		-	
3- OPERATING PRACTICE				The same of the same of	S. OTHER (Specify)						
CONTROL ROOM OPERAT	IONS				FORBIL						
SIMULATOR OPERATIONS	Includes Classicoom!				6-OPERATOR					<u></u>	
SIMULATOR NAMES		- 1			1 SUPERVISOR						
CHANGE CASE I	Total La	_ 20			A PLANT STAFF	lat Anna		110/20	\$ 778	1	-
TOURS MANIFOLATIONS	VES N	-			COMMERCIAL NUCLEAR !!	device transmission of a con-	District State of the last	10//0	4/74	42	
- SHO INSTRUCTION			-	A STREET SHAPE	RESCION OPERATOR	- Total Contract		8/77	1/83	64	1
- EXTRA PERSON ON SHIPT		-			11-SENIOR OPERATOR		-	1/83		100	1
- REQUALIFICATION					12 SHIFT SUPERVISOR (Assistant)	1/83	3/83	1	3
7- OTHER (Specify) Sele	cted Syste	ms 3/84	(2)	17	13-STAFF-SHIFT ENGINEE	R	-	1,00	27.00		
and Procedur				****	14-AUR EQUIP INONLICE	MSED! OPERATOR		4/74	8/77	40)
-					15-PLANT STAFF SOA			3/84	Pres.	1	3
-				-	14-OTHER /See-/y/ CON	sultant		3/83	3/84	1	_
-	-		-	-	Selection and the selection of the selec		-	-			
-	-			-	-		-	-	-	-	-
-					R-0040000000000000000000000000000000000			1		-	-
Market and the second second second	MATERIAL PROPERTY AND ADDRESS OF THE PARTY AND	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN			Married Street, or other property or supply on the last	THE RESERVE AND ADDRESS OF THE PARTY.	THE RESERVE AND ADDRESS OF THE PARTY.	A CONTRACTOR OF THE PARTY OF TH	Brown Company of the Park	Marine Street	-

* POSITION TITLE	B FACILITY		e QUTIES	
Assistant Unit Operator Assistant Unit Operator Unit Operator Assistant Shift Engineer (Continued in Item 15)		operation by the Control Responsion operation operation operation operation operation operation operation operation operation and for	ble for the safe and efficient of plant equipment as direction of the safe and efficient of the 3 reactors and religion of the 3 reactors we type rated at 3293 MWT. Sponsible for the safe and each of the plants 3 BWR type the safe operation of the fig equipment and crew.	ected ent ected Room. ent ated re fficient reactors
18. COMMENTS (Specify the law number to whice 12. (1) Training detail	iled in Item 12 is only	that prov	vided at Fermi 2.	
12. (2) To be complete	ed 7/84.			30 4 3
14. (Cont.) a. Posit		cility	c. Duties	1
Operations	s Consultant Fer	mi 2	Responsible for revising p operating procedures, abno operating procedures, and ing alarm response procedu	rmal review-
Training (Consultant Fer	mi 2	Responsible for developmendate of training materials ated with licensed operatoring and requalification. licensed operator training Participated in preparing tors for the RO and SRO extions.	associ- r train- Performed opera-
Shift Oper Advisor	rations Fer	mi 2	Responsible to assist the Shift Supervisor, the Nucl Assistant Shift Supervisor all other Control Room per in carrying out their resp ties by assisting and advinecessary, utilizing acqui operating experience.	ear , and sonnel onsibili- sing, as
P IN NRC USE	MEETS REQUIREMENTS		OGES NOT MEET REQUIREMENTS	
18 NRC FORM 306 CERTIFICATE OF MEDICAL		# IS ATTACH		
17s. I certify that the information provided on this preparing retraining programs, as necessary	form is true and correct to the best of my knowner Lesse Signature - Applicant	Jores	ne NRC to submit the results of examinations to my employe	0-7-84
b. I certify that therebove named individual has o durauant to Tide FO. Code of Federal Regulation facility will be implies evaluation for systemation.	Katare 16-7-64	an Operator Samor S	Me and has learned to operate the controls in a competent and operator license to purtoyth refer seasoned duties. I also certifully the seasoned duties I also certifully the seasoned duties.	and the contract
c. RENEWAL ONLY I centify that the above names discharged his/her licensed responsibilities of	ned individual has satisfactorily complie id the application and safety	roved request ficerion (program as required by section 50 Setti-II of 10 CFR 50, and	that s/Ne

14. EXPERIENCE DETAILS IAWI

Jesse P. James

Past Technical Training

July 1971 - July 1973

April 1974

May 1977

1978 - 1982

August 1982

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.

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.

Entered License Candidate training, resulting in obtaining a Reactor Operator license, #0P-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.

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.

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

	RC Form 300 431 CFR 55 10		U.S. NUCLE	AR REGULA	TORY COM	MISSION		Approved by Ot	AB DATE REC	EIVED (Te	o complem
	AND 55 33	PERSON	AL QUALIF	ICATIONS	STATE	MENT.	LICENSEE	3150 00	90 by NACI I	AAI	e compress
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-	Trumbull			CT '	06611	1	C UPGRADE	REAPPLI	CATION WAIV	ER REQUEST	ED
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-	b. OTHER (Specify)				_	\dashv		2-WRI	TEN /Caregory	THE REAL PROPERTY.	
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_	. OPERATOR .		* DOCKE	T NUMBER		_	6. PREVIOUS LICENSE				
)	B. SENIOR OPERATOR		⁵⁶ 55-720	11001000	AOS	_	D LICENSE NUMBER	MONTH DAY YEAR	-	LITY DOCKE	NUMBER
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	Trumbull				06611	-	STAFF ENGINEER		THER /Specify		
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	Fermi 2 Powe	er Plant	"	50-34	1	H	9 SENIOR CONTROL R	00M			
	ADDITIONAL FACILITY	Y DOCKETS (Multi-Unit	Licenses) IAR:			۲	OPERATOR				
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2 - 0100 0 18 10 0 0 0 0 0 0 0 0 0 0 0 0 0	PLANT SYSTEMS CLASSROOM DESERVATION PERATING PRACTICE CONTROL ACOM OPERATIONS IMPLIATOR OPERATIONS IMPLIATOR NAME(S) ERTIFICATE ECTIVED UMBER OF REACTIVITY MANIPULATIONS RO INSTRUCTION XTRA PERSON ON SHIFT EQUALIFICATION THER (SONCHY) Selection	FUNDAMENTALS FONS FINAL CLASSIFICATION TYES NO CITED Systems	3/84	70	OF WEEK	5- 	RO EOOW/PPWO EWS PPWS ERS CRW OTHER (SONCIFY) BELL OPERATOR SUPERVISOR PLANT STAFF OTHER (SONCIFY) MESCIAL NUCLEAR (INCIP) REACTOR OPERATOR SENIOR OPERATOR SHIFT SUPERVISOR STAFF/SHIFT ENGINEER AUX (EQUIP (NON) 12)	REJUDING RESERVEN/TOLE	1/80 6/77	8/82 12/79 Pres.	32 30 3
# # 181801 M. W. O O O O O	PLANT SYSTEMS CLASSROOM DESERVATION PERATING PRACTICE CONTROL ACOM OPERATIONS IMPLIATOR OPERATIONS IMPLIATOR NAME(S) ERTIFICATE ECTIVED UMBER OF REACTIVITY MANIPULATIONS RO INSTRUCTION XTRA PERSON ON SHIFT EQUALIFICATION THER (SONCHY) Selection	FUNDAMENTALS FONS FINAL CLASSIFICATION TYES NO CITED Systems	3/84	70	OF WEEK	5- 	RO EOOW/PPWO EWS PPWS ERS CRW OTHER (SONCIFY) REIL OPERATOR SUPERVISOR PLANT STAFF OTHER (SONCIFY) MESCIAL NUCLEAR (INCIP) REACTOR OPERATOR SENIOR OPERATOR STAFF/SHIFT ENGINEER AUX (EQUIP (NON) (E) PLANT STAFF JA	REJUDING RESERVEN/TOLE	1/80 6/77	8/82 12/79 Pres.	32 30
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	14. EXPE	HENCE DETAILS (AW)				
. 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 operat-				
(Continued in Item 15) COMMENTS (Specify the item number to which		tion design modification changes and performance evaluations.				

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 NAC USE	MEETS REQUIREMENT	\$	DOES NOT MEET REQUIREMENTS	DOES NOT MEET REQUIREMENTS			
S. NRC FORM 396, CERTIFICATE OF MEDICAL EXAMINA	TION (AX)	. IS ATTACHED	b WILL BE FORW	ILL BE FORWARDED			
17a. I certify that the information provided on this form is true preparing retraining programs, as necessary. ED Edward Duda Ea	end correct to the best of my know	the Duda	to submit the results of examinations to my emp	6/7/84			
	SIGNATURE - APPLICANT			DATE			
pursuant to fife 10. Code of Foreign Regulations. Part 55. facility will be made available for examination	15 16-7.89	tor an Operator/Syring Operator	Is learned to operator the controls in a competent license to perform his/her assigned duties. I also the controls of the control	b/7/74			
 RENEWAL ONLY I certify that the above named individual has discharged his/her licensed responsibilities competently. 		pproved requalification program a	is required by section 50 54(i-i) of 10 CFR 50.	and that s/he			
SIGNATURE - TRAINING COORDINATOR	DATE	SIGNATURE - HIGHEST	EVEL OF CORPORATE MANAGEMENT	DATE			

Edward K. Duda

Past Technicial 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, Clarson College - Nine Mile Point I)

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

Edward Kenneth Duda

Edward Kenneth Duda

Date

IBRC Form 388 (1.83)		USN	UCLEAR	REGULATO	RY COMMI	SION	Approved by OMB	DATE RECEI	VED (To be	- omnois med
10 CFR 56 10 AND 56 33	PERSON					NT-LICENSEE	3150 0090	by NACI IA	*	
1 APPLICANT'S FULL NAME	(Last first middle) :	A8:				1 1 2	E OF APPLICATION / X Applica			
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ADDRESS OR RED NUMB	BER IACI					1-HOT	1-FIRST	0.4		
1676 Pinela	wn Drive									
CITY (AD)	HII DI IVE		ISTA	TEIAE ZIP	CODE AF	1	2-SECOND			
Toledo						D RENEWAL	3-THIRD	ION WAIVER	REQUESTE	D
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Y & SENIOR OPERATOR					ROSR	b LICENSE NUMBER	MONTH DAY YEAR	d FACILI	TY DOCKET	NUMBER
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d. INSTRUCTOR CERT		55	-116	4	13			(2)		
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582 Almader	n Avenue		ISTA	TEIANI ZIP	0006 3000				Chif+	
In the little was the salt of the little was the li						U STAFF ENGINEER		ER (Specify)		
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	The state of the s		NUA	50-341		SENIOR CONTROL A	204			
Fermi 2 Powe				50-341		OPERATOR				
		ir Licenses/	(An)			A CONTROL ROOM OP				
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X GRADUATE	ENGINEERING If				/Use code -	obtained)	TYPE OF TRAINING		1456	YES NO
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I NO	- Parlice of the same			.,		2-ASSOCIATE				
OF COLLEGE	Manageme	ent		1/2	0	3-BACHELOR			-	-
41/2	1					5-DOCTORAL				
776		/1	,							
	12 TRAINING	1	1				13. EXPERIENCE (AV)	T		T
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(Classreem)		-				1-80		-	-	-
2- PLANT SYSTEMS						2-EOOW/PPWO		-	-	-
CLASSROOM		-		-		3-EWS PPWS		-	-	-
OBSERVATION		-			-	4-ERS CRW	hiniat Mata	6/51	6/53	24
3- OPERATING PRACTICE							chinist Mate	6/51	6/53	24
CONTROL ROOM OPERAT		-			-	FOSIL 6-OPERATOR				
SIMULATOR OPERATIONS	(Includes Classroom)		-		-	7-SUPERVISOR		-	-	+
SIMULATOR NAME(S)			1.84					-		+
Automatic						8-PLANT STAFF	tonanco Esa	2/50	2/60	24
ACCEIVED	YES	4 0		1		9-OTHER (Specify) Mair		2/58	2/00	24
TIVITY MANIPULATIONS			1000	A STATE OF THE PARTY OF	SET MAN EX	ROSCIONI	nervaing messaren/1 mil	11/61	1\$/52	24
4- SAO INSTRUCTION		-				10-REACTOR OPERATOR		11/61	12/63	
- EXTRA PERSON ON SHIFT	,							11/63	the state of the s	THE RESERVE AND PERSONS ASSESSED.
- REQUALIFICATION	ahad C		2/01	(0)	17	12-SHIFT SUPERVISOR		11/61	6/66	
7-OTHER (Section) Sele		_	3/84	(2)	17	13-STAFFISHIFT ENGINEE		11/61	6/66	55
and Procedur	ral Trainin	g				14-AUX EQUIP (NONLICE		2/60	2151	10
-		-		-		15-PLANT STAFF H. P.		2/60	2/64	
-							Trng. Engineer	THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAME	10/78	_
							ultant	10/78		
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		14. EXPERIENCE	DETAILS (AW)				
. POSITION TITLE	6 FACILITY			c DUTIE			
Sr. Training Engineer Training Consultant (Continued in Item 15)	Grand Gulf 1, Monticello	fornia	Responsible for designing and presenting various maintenance training courses. Designed courses on Target Rock Safety/Relie Valve Maintenance, Recirculation Pump Seal Replacement, and Recirculation Pump M-G Se Control Maintenance. Authored the GE Stati Nuclear Engineer's Manual and designed the Station Nuclear Engineering course. Manage 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. Responsible for the design and presentation of Nuclear Physics and BWR Thermal Hydraul training courses.				
16. COMMENTS (Specify the item number to whice	h you are elaborating)						
6.d (1) Westinghouse	Testing Reactor	r (WTR)					
6.d (2) Saxton Reacto 12. (1) Training deta 12. (2) To be complet	r iled in Item 12 ed by 7/84	2 is only					
14. (Cont.) a. Posit	ion litle	b. Facil	-	The second secon	Duties		
Training	Consultant	Fermi 2	Responsible for development/updat of training materials associated with licensed operator training and requalification. Participate in preparing operators for the RO and SRO examinations.				
Shift Ope	erations	Fermi 2		Responsible to Shift Supervi Assistant Shi other control carrying out by assisting essary, utilismercial BWR of	isor, the Nuift Supervisor of the responsibility and advisir izing acquir	or, and onnel in onsibilities ng, as nec- red com-	
FOR NRC USE	MEETS R	EQUIREMENTS		COES NOT	MEET REQUIREMENTS		
18. NRC FORM 396, CERTIFICATE OF MEDICA	L EXAMINATION (AX)		a IS ATTAC	Control of the Contro	b WILL BE FORM		
17a. I certify that the information provided on this presenting vietraining programs as necessary. A reveal Euglan	Soward SIGNATURE -	APPLICANT				16/7/84 DATE	
	COLONS ORDINATOR	6-) 64 DATE	SIGNATURE- H	MULTING CORPORATION PLANT OPERATION	TE MANAGEMENT	16/7/84 DATE	
c RENEWAL ONLY I certify that the above number discharged his/her licensed responsibilities	competently and safely.			program as required by section 5		and that s/he DATE	
SIGNATURE - TRAINING COL	UNUINATUR	DATE	SIGHALORE - E	OR PLANT OPERATION			

Donald E. Howard

Past Technical Training

	Course Title	From	To	Subject
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. ChemWestinghouse	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
	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 Mair,tenance
16.	G.E. CRD Diagnostic	12/77		CRD Malf. 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

NRC Form 308 11 831 10 CFR 55 10 AND 55 33	PERSON		AR REGULAT		NT-LICENSEE	Approved by OM8 3150-0090	DATE RECEI		completed
1 APPLICANT'S FULL NAME	(Last first middle) A				1 177	E OF APPLICATION I'X applic	abre boves! (A	н:	
Scott, Will	liam Guy, J	r.			X . NEW	e REAPPLICATI	ON		
ADDRESS OR RED NUMB	BER IACI				1-HOT	1-FIRST			
Route 1, #2	28 Rio Vist	a Height	ts		X 2-COLD	2-SECOND	ic.		
CITY IADI		THE RESERVE OF THE PERSON NAMED IN	TATEIAE ZI	P CODE AF	D RENEWAL	3-THIRD			
Jefferson (City		MO	65101	C UPGRADE	AEAPPLICAT	TION WAIVER	REQUESTE	D
Name of Street, or other Persons and Perso	ZENSHIP (AG)		BIRTH DAT		O MULTIUNIT	1-ORAL			
Y . UNITED STATES			MONTH DA	YEAR		2-WRITTE	N (Category_		,
B OTHER (Specify)			011 11	6 414		3-SIMULA	TOR		
S. TYPE OF LICENSE AP	PLIED FOR (AI)		OILIII	01414	6 PREVIOUS LICENSE	S) HELD (AJ)			
- OPERATOR		. DOCKE	T NUMBER		I B LICENSE NUMBER	C EXPIRATION DATE	d FACILI	TY DOCKET	NUMBER
Y & SENIOR OPERATOR		-	-	HOSHO		MONTH DAY YEAR			
C LIMITED SAO IN A		55-37 55-37	75	1 X	OP-2954 SOP-2282	9 8 8 9 7 8	50-26	à	
d INSTRUCTOR CERT	and interest and	55-37		l l v	SOP-3234	0 15 0 11 8 10		4 & -3	25
7 NAME OF APPLICANT'S EN		33-37	73	11^	-	URRENT POSITION AT FACILIT	-	+ a -3	23
Scott Power	10.77	Inc			A PLANT SUPERINTEND		ILIARY UNIT	OPERATOR	4/
ADDRESS (AL)	Services,	Tile.			D ASSISTANT PLANT SI	TRA	INEE/TURBIN	WE BUILDING	G/
Dto 1 Do	ADE				SHIFT SUPERVISOR		MLICENSED C	PERATORI	
Rte. 1 Box	405	Te	TATE AN ZIP	CODE (AO)	a STAFF ENGINEER	Y	ER (Specify)_	Shift	
					. SHIFT TECHNICAL		ration		sor
Crystal Riv	er	Te	ACILITY DOC	2629	ADVISOR SHIFT ENG	INEER OPC	1 4 61 011.	3 71011	301
Fermi 2 Powe		1	50-341		9 SENIOR CONTROL RO	OOM			
9 ADDITIONAL FACILITY			30-341		OPERATOR				
	DOCKETS IMPITOMIT	L. Canses/ . M. M.			A CONTROL ROOM OPE	04700			
N/A		-				THAT OH			
			NUMBER		TOPOGREE COOLS (To be only			THUMBER	CERTIFI
# HIGH SCHOOL	C MAJOR AREA		OF YEAR	S DEGMEE	DEGREE CODES /To be used	d VOCATIONAL/TECHN	IICAL	OF MONTH	YES NO
X GRADUATE	ENGINEERING //wh	11		(Use code +)	obtained)	TYPE OF TRAINING QA	4.		YES NO
GED EQUIVALENCY	N/A			-	1-CERTIFICATE	Independent Re	viewer	1 Wk.	X
NO	OTHER				2-ASSOCIATE				
D NUMBER OF YEARS OF COLLEGE					3-BACHELOR	QA Quality Rev	lewer	1 Wk.	X
0					4-MASTER 5-DOCTORAL				
U					3-50¢.044¢				
	12. TRAINING (A	u) (1)				13 EXPERIENCE (AV)			
			TH AND YEAR	D NUMBER					OF MONTHS
1- NUCLEAR POWER PLANT	FUNDAMENTALS	FROW	10	-	NAVY		FROM	70	
(Classroom)					1-80				
2-PLANT SYSTEMS					2-E00W/PPW0				
CLASSROOM					3-EWS PPWS		6/76	1/78	
OBSERVATION					4 ERS CRW		6/67	9/70	
3- OPERATING PRACTICE					S-OTHER (Specify) Lea	ding ELT	8/67	12/69	28
CONTROL ROOM OPERAT	IONS				FOSSIL				
SIMULATOR OPERATIONS	(Includes Compon)				6-OPERATOR				
SIMULATOR NAMEISI				A SAME	7-SUPERVISOR				
					8-PLANT STAFF				
CERTIFICATE RECEIVED	YES NO				9-OTHER ISPECITY AUX 1	liary Operator	11/70	1/71	2
NUMBER OF REAC TIVITY MANIPULATIONS					COMMERCIAL NUCLEAR //	ncluding Research/Test			
4- SPO INSTRUCTION					10-REACTOR OPERATOR		5/71	1/72	8
5- EXTRA PERSON ON SHIFT					11-SENIOR OPERATOR			1	
6-REQUALIFICATION					12-SHIFT SUPERVISORNS	0 (5/78 - 3/79)	8/72	1/76	53
7- OTHER ISMANNI Sele	ected Syste	ms 3/84	4 (2)	17	13-STAFF SHIFT ENGINEE				
and Procedur		The second second second	1-1-		14-AUX EQUIP INONLICE	NSED! OPERATOR	1/71	5/71	4
_min_i vecum		•			15-PLANT STAFF SOA		4 6 6 6	Pres.	3
			1		16-OTHER ISONI'Y Gene	The second secon	1/78	5/78	
		-	1		Consultant (C	upon Son Engl	4/79	3/81	24
			-	†	Consultant (Or	uper. Ser. Eng) os. Proc. Coord)	3/81	3/84	
		-	-	+	CONSULTANT TOL	s. Froc. coord)	3/01	3/04	30
		-	+	1			1		-
			1	1					
and the second s				1					

		14. EXPERIENCE	DETAILS (AW)		
. POSITION TITLE	b FACILIT			c DUTIES	
ERS/CRW EWS/EDPO Auxiliary Operator Auxiliary Operator Reactor Operator Reactor Operator			Supervise all Engineering watchstations outside of maneuvering, relieve EOOW 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).		
Shift Foreman (Shift Supervisor) 15. COMMENTS (Specify the item number to wh 12. (1) Training det	Brunswick Uni	ts 1 & 2	Senior indivi 1 and 2 on ba	idual on site for Brunswick Units ack shifts and weekends.	
12. (2) To be comple 14. (Cont.) a. Post	eted by 7/84.	b. Fac		c. Duties	
Shift	Foreman Super.)		ck Units 1&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. Brunswi			ck Units 1&2	Held this title while in li- cense training.	
Shift Foreman (Shift Super.)		Brunswick Units 1&2		One of two Radwaste Coordinator Directed all radwaste activities including processing of water, regeneration of resins, druming, maintenance and testing.	
ELT/L	ELT	SSBN 65	V. Carver 56B/USS Von- SSBN 632B	Responsible for all Chemistry, Radiological controls, RADIAC instrument calibration and direct other ELT's.	
FOR NRC USE	MEETS	REQUIREMENTS		DOES NOT MEET REQUIREMENTS	
16. NRC FORM 396, CERTIFICATE OF MEDIC			. IS ATTACHED	b WILL BE FORWARDED	
17a. I certify that the information provided on this form is true and correct to the pest 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.					
Dursuant to Title 10. Code of Sederal Pregul facility will be made audiable for exeminate Omicy c	s or will have completed by the lations, Part 55, and that the indi	6-7-84	SIGNATURE - HIGHEST	as learned to operate the controls in a competent and aste manner license to perform his/her resigned duties. I also certify that the LEVEL OF CORPORATE MANAGEMENT DATE	
c RENEWAL ONLY I certify that the above has discharged his/her licensed responsibility signature — TRAINING C	n competently and safely	y completed the app		M required by section 0.54(i-if of 10 CFR 50, and that s/he	

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 02 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 1 Month 1 Month	Diesel Engine Silver Brazing & Burning 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	OWR 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. Date

PERSONAL QUALIFICATIONS STATEMENT-LICENSEE

Continued for William Guy Scott, Jr.

15 COMMENTS

14. (Cont.) a. Position Title

b. Facility

.c. Duties

Consultant Quadrex, Inc. Supervisory Ser. Engineer Grand Gulf

Consultant (Scott Power Services, Inc.)

Callaway

Shift Operations Advisor

Fermi 2

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. 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 PRO-CEDURE GUIDELINES Validation and Verification demonstration on Callaway Simulator. 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 nec-

essary, utilizing acquired commercial BWR operating experience.

Fuer town 300		11.0 MINC. E.		TORY COM	use on	1	ONE TOATE BECE	WED IT-		
11 837 10 CFR 55 10 AND 55 33	PERSON		CATIONS		MENT-LICENSEE	Approved by 0	DATE RECE	(VED //0 m	i comple	~
Jolley, Ri	chard James				X . NEW	PE OF APPLICATION / X		LM:		
ADDRESS OR RED NUMBER IAC				1-нот	1-611					
5559 Ryewy	ck Court				X 2-COLG	2-56	COND			
CITY (AD)		S	TATE: AE Z	IP CODE A		3-TH				
Toledo		'	Ohio	43614	c UPGRADE	REAPP	LICATION WAIVER	R REQUESTE	ED	
2. CITI	ZENSHIP (AG)		BIRTH DA		d MULT: UNIT	1-08				
X . UNITED STATES			MONTH DAY YEAR			2-WF	TITTEN (Campary_			
b OTHER (Specify)			0 9 1	18 41	7	3-514	ROTALUN			
B. TYPE OF LICENSE A	PPLIED FOR (AI)				6. PREVIOUS LICENSE	PROPERTY OF THE PARTY OF THE PA				
a OPERATOR		-	TNUMBER	ROS	B LICENSE NUMBER	MONTH DAY VE	d FACILI	TY DOCKET	NUMBE	R
X & SENIOR OPERATOR		55-369	5-3690 X		OP-2930	0 8 1 2 7	6 50-10	& -237	& -2	49
d INSTRUCTOR CERT		55-369	90		X SOP-2774	8 50-10	& -237	& -2	49	
7 NAME OF APPLICANTS E					10	CURRENT POSITION AT FA	CILITY (AE)			_
RYS Enterp	rise, Inc.				PLANT SUPERINTEN		AUXILIARY UNI	T OPERATO	A:	
ADDRESS (AL)					D ASSISTANT PLANT	SUPERINTENDENT	TRAINEE/TURBIT	RATOR		
5559 Ryewy	ck Court				C SHIFT SUPERVISOR	(NONLICENSED OMERATOR)				
CITY (AW)		51	ATEIANI Z	P CODE AC		X .	OTHER (Specify)			_
Toledo			Ohio '	43614	SHIFT TECHNICAL	GINEER	Operation	s Advi	sor	
B NAME OF APPLICANT'S F		F.N	ACILITY DO	CKET	1 INSTRUCTOR					
Fermi 2 Powe		the second secon	50-34	1	9 SENIOR CONTROL P	100M				_
9 ADDITIONAL FACILITY	OCKETS IMUIT UNIT	Licenses) AR			h					
N/A					n CONTROL ROOM OF	EHATOR				
. HIGH SCHOOL	E MAJOR AREA	(E) OF ET. (OV	NUMBE	A HIGHES	T DEGREE CODES ITO DE USED	d VOCATIONAL/T	ECHNICAL	NUMBER	TCEMT	181
V GRADUATE	ENGINEERING ITHE		OF YEAR	/Use code	for MIGHEST DEGREE	TYPE OF TRAINING		OF MONTH	VES	
GED EQUIVALENCY	N/A				0-NONE	N/A				
NO	OTHER			1	1-CERTIFICATE 2-ASSOCIATE			-	+	_
B NUMBER OF YEARS	1				3-BACHELOR					
					4-MASTER				\Box	
0	1				5-DOCTORAL					
	12 TRAINING IA	141		_		13. EXPERIENCE IA				
		FROM	HAND YEAR	OF WEEK			# MONTH	T TO	OF MO	
1- NUCLEAR POWER PLANT	FUNDAMENTALS	1104	1	+-	NAVY 1-80		7400	10	_	
2- PLANT SYSTEMS		_	+	+	2-E00W/PPW0				-	-
CLASSROOM					3-EWS PPWS		_		-	_
DESERVATION			+		4 - ERS CRW			-	+	-
3- OPERATING PRACTICE				1	5-OTHER (Specify)		_		-	
CONTROL ROOM OPERAT	IONS				FOSSIL					
SIMULATOR OPERATIONS	(Includes Classroom)				6-OPERATOR					
SIMULATOR NAMEIS			100		7 SUPERVISOR					
			100		8 -PLANT STAFF					
CERTIFICATE RECEIVED NUMBER OF REAC TIVITY MANIPULATIONS	YES NO				9-OTHER (Specify)			1		
4- SRO INSTRUCTION					Reactor)	including Research/Test	4/71	F /70		
S- EXTRA PERSON ON SHIFT		+		+	11-SENIOR OPERATOR		4/71	5/76	61	
-REQUALIFICATION			+	+	12 SHIFT SUPERVISOR		_	1	-	
7-OTHER (See: N) Selec	ted System	s 3/84	(2)	17	13-STAFF SHIFT ENGINE	E R		-	-	-
and Procedura	al Training	3/04	1 (2)	1 ./	14-AUX EQUIP INONLIC		5/67	4/71	47	,-
	- Adding				_		3/84		4/	_
				16-OTHER /Sec:/rShift Foreman (SRO) 5/76 11/77			18			
					Operation Co	onsultant	11/77	9/81	45	
					Startup Eng		9/81	7/82	9	
			-		Operation Co	onsultant	7/82	4/83		
-			-	-	Startup Engi	neer	4/83	12/83	8	
				1 :	Onon Traini	no Consultant	12/92	2/01	1 1	

		14 EXPERIENCE	DETAILS (AW)			
. POSITION TITLE	b. FACILITY			c DUTIES		
Equipment Attendant	Dresden Statio		Operate the plant from the local equipment control as directed by the License Operators Electrical Switching and Assistance Training			aining
Equipment Operator	bresden Statio	11 1,2,5	of Fouriement Attendant, Fuel Handling.			
Nuclear Station Operator (RO)	Dresden Statio		The safe and efficient operation of 2 BWR 4 and 1 BWR 1 from a central control room.			BWK 4'S
Shift Foreman (SRO)	Dresden Statio	n 1,2,3	Direct the safe and efficient operation of 2 BWR 4's and 1 BWR 1. Writing System Descriptions.			,,,,
Operation Consultant	Fermi 2					
Operation Consultant (NUS) Operation Consultant	RiverBend Unit	: 1	Writing System Descriptions, Operation cedures, Alarm Response, Admin. Proced and Surveillance Test Procedures. Writing System Operating Procedures, A		Alarm	
(NUS) (Continued in			Response, Abnormal & Emer. Response Pro			occour c.
12. (1) Training deta 12. (2) To be complet	iled in Item 12	2 is only	that pro			
12. (2) To be complet 14. (Cont.) a. Posit	ion Title	b. Fac	ility	<u>c. D</u>	uties	
			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.			actor Core and System.
Operation Consultant Wate (Mode One)			ord 3 Writing System Operating Procedures, Surveillance Test Procedures and Alarm Response Procedures.			and
Startup Engineer Riv (SunBelt Tech)		RiverBer	RiverBend Unit 1 Wrote Startup Acceptance Tes cedures and tested the follo Systems: Main Turbine Oil Sy Stator Cooling, Waste Oil Sy Lube Oil Storage System, Gla System, EHC System, and Seal System.		ystem, ystem, and Seal	
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.		
MEETS REQUIREMENTS DOES NOT MEET REQUIREMENTS						
FOR MAC USE 18. NRC FORM 306, CERTIFICATE OF MEDIC	CAL EXAMINATION (AX)		a IS ATTA		b WILL BE FORWARD	
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 exeminations to my employer for use in preparing retraining programs, as precessary.						
fill felle of Rich fanes folle. 65-89						
b. I certify that the above named individual has or will have completed by the time of examination all the required fraining and has learned to operate the controls in a competent and safe monner pursuant to little 10. Code of Faderal-Reputations, Part 55, and that the individual has a need for an Operator/Sendor Operator license to gerform his/her assigned duties. I also certify that the facility will be made individual has or will have completed by the time of examination pursuant to little 10. Code of Faderal-Reputations, Part 55, and that the individual has a need for an Operator/Sendor Operator license to gerform his/her assigned duties. I also certify that the facility will be made individual has or will have completed by the time of examination all the required fraining and has learned to operate the controls in a competent and safe monner pursuant to little 10. Code of Faderal Reputations in a competent and safe monner pursuant to little 10. Code of Faderal Reputations in a competent and safe monner pursuant to little 10. Code of Faderal Reputations in a competent and safe monner pursuant to little 10. Code of Faderal Reputations in a competent and safe monner pursuant to little 10. Code of Faderal Reputations in a competent and safe monner pursuant to little 10. Code of Faderal Reputations in a competent and safe monner pursuant to little 10. Code of Faderal Reputations in a competent and safe monner pursuant to little 10. Code of Faderal Reputations in a competent and safe monner pursuant to little 10. Code of Faderal Reputations in a competent and safe monner pursuant to little 10. Code of Faderal Reputations in a competent and safe monner pursuant to little 10. Code of Faderal Reputations in a competent and safe monner pursuant to little 10. Code of Faderal Reputations in a competent and safe monner pursuant to little 10. Code of Faderal Reputations in a competent and safe monner pursuant to little 10. Code of Faderal Reputations in a code of the little 10. Code of Faderal Reputations in a code of t						
c. RENEWAL ONLY I certify that the above named individual has satisfactorily completed the approved requalification program as required by section 50 54(i-i) of 10 CFR 50, and that s/he has discharged his/her licensed responsibilities competently and safety.						
A STATE OF THE STA		1	1	Call office.		Telfina.
SIGNATURE - TRAINING	COORDINATOR	DATE	SIGNATURE -	HIGHEST LEVEL OF CORPORATE	MANAGEMENT I	DATE

SIGNATURE - TRAINING COORDINATOR

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

Date

PERSONAL QUALIFICATIONS STATEMENT-LICENSEE

Continued for Richard James Jolley

15. COMMENTS

14. (Cont.) a. Position Title
Shift Operations

Advisor

b. Facility Fermi 2 c. Duties

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.