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WRITER'S DIRECT DIAL NUMBER July 17, 1984 (202) 822-1215

Administrative Judges Ivan W. Smith, Chairman Sheldon J. Wolfe Gustave A. Linenberger, Jr. Atomic Safety and Licensing Board U.S. Nuclear Regulatory Comisison Washington, D.C. 20555

> 00 In the Matter of Metropolitan Edison Company 70 (Three Mile Island Nuclear Station, Unit No. 112 Docket No. 50-289/(Restart - Remand)

SP Dear Chairman Smith and Administrative Judges Wolfe and Linenberger:

For the information of the Board and the parties, enclosed is a letter from Mr. Henry D. Hukill, Director, TMI-1, to Mr. Daryl G. Eisenhut, Director, Division of Licensing, NRC Office of Nuclear Reactor Regulation, forwarding a recent revision to the Three Mile Island Unit 1 Licensed Operator Requalification Training Program Description.

Sincerely,

Deborah B. Bauser

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BR

Deborah B. Bauser Counsel for Licensee

8407190206 840717 PDR ADOCK 05000289 PDR DBB: jah Enclosure cc: Service List

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UNITED STATES OF AMERICA

NUCLEAR REGULATORY COMMISSION

Before the Commission

In the Matter of

METROPOLITAN EDISON COMPANY

Docket No. 50-289

(Three Mile Island Nuclear Station, Unit No. 1)

SERVICE LIST

Nunzio J. Palladino, Chairman U.S. Nuclear Regulatory Commission Washington, D.C. 20555

Victor Gilinsky, Commissioner U.S. Nuclear Regulatory Commission Washington, D.C. 20555

Thomas M. Roberts, Commissioner U.S. Nuclear Regulatory Commission Washington, D.C. 20555

James K. Asselstine, Commissioner U.S. Nuclear Regulatory Commission Washington, D.C. 20555

Frederick Bernthal, Commissioner U.S. Nuclear Regulatory Commission Washington, D.C. 20555

Administrative Judge Gary J. Edles, Chairman Atomic Safety & Licensing Appeal Board U.S. Nuclear Regulatory Commission Washington, D.C. 20555 Administrative Judge John H. Buck Atomic Safety & Licensing Appeal Board U.S. Nuclear Regulatory Commission Washington, D.C. 20555

Administrative Judge Christine N. Kohl Atomic Safety & Licensing Appeal Board U.S. Nuclear Regulatory Commission Washington, D.C. 20555

Administrative Judge Ivan W. Smith, Chairman Atomic Safety & Licensing Board U.S. Nuclear Regulatory Commission Washington, D.C. 20555

Administrative Judge Sheldon J. Wolfe Atomic Safety & Licensing Board U.S. Nuclear Regulatory Commission Washington, D.C. 20553 Administrative Judge Gustave A. Linenberger, Jr. Atomic Safety & Licensing Board U.S. Nuclear Regulatory Commission Washington, D.C. 20555

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Atomic Safety & Licensing Board Panel U.S. Nuclear Regulatory Commission Washington, D.C. 20555

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GPU Nuclear Corporation Post Office Box 480 Route 441 South Middletown, Pennsylvania 17057-0191 717 944-7621 TELEX 84-2386 Writer's Direct Dial Number:

July 2, 1984 5211-84-2162

Mr. Darrell G. Eisenhut, Director Division of Licensing Office of Nuclear Reactor Regulation U. S. Nuclear Regualtory Commission Washington D.C. 20555

Dear Mr. Eisenhut:

Three Mile Island Nuclear Station Unit I (TMI-1) Operating License No. DPR-50 Docket No. 50-289 Licensed Operator Requalification Training Program Description

Attached is a revision to the Three Mile Island Unit I Licensed Operator Requalification Program Description, 6211-ADM-2600.01. This program was submitted to Region I Operator Licensing Branch on October 23, 1983, for review and comment.

This revision to the program description has been made to include the following:

- Reformatting of program description to meet corporate procedure requirements.
- 2. Incorporate revisions to delete watchstanding requirements for certain licensed operators staff personnel involved in day to day operations of the plant. This deletion of watchstanding requirements is addressed in a Nuclear Regulatory Commission letter from Mr. Don Beckham to Mr. J. Varga dated September 17, 1982, on 10 CFR 55.33, Requirement to Actively Perform the Duties of an Operator or Senior Operator.
- 3. Incorporate Training for Basic Principles Trainer Simulator.
- Revised classroom topics listing to include all topics outlined in 10 CFR 55 for regualification.

GPU Nuclear Corporation is a subsidiary of the General Public Utilities Corporation

5211-84-2162 Mr. Darrell G. Eisenhut

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Since this revision does not decrease the scope, time allotted for the program, or frequency in conducting different parts, it is effective immediately. This program is submitted for your review and comment. If there are any questions, please contact Mr. Bruce Leonard, Operator Training Manager, at 717-948-8046.

Sincerely,

D. Hukill. Director, TMI-1

HDH/BPL/JGB/mle

Enclosure

GPU	Nucle	ar	TMI ADM	TRAINING	DEPARTMENT		Number 6211-	ADM-2611.01
Title							Revision	No.
LICENSED	OPERATOR P	REQUALIE	ICATION PRO	GRAM DESC	RIPTION (UN	(T 1)	1-00	
Applicability	Scope						Respons	ible Office
LICENSED	OPERATORS						TMI T	RAINING DEP
This docume	ent is important	to safety	🗆 Yes 🏹 No				Effective	Date
			List of Effec	tive Pages			06/12,	/84
PAGE R	EVISION	PAGE	REVISION	PAGE	REVISION	PAGE	REVIS	ION
3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13.0 14.0 15.0 14.0 15.0 16.0 17.0 18.0 19.0 20.0	1-00 1-00	23.0 24.0 25.0 26.0 27.0 28.0 29.0	1-00 1-00 1-00 1-00 1-00 1-00					
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4	Nuclear	TMI TRAINING DEPARTMENT ADMINISTRATIVE MANUAL	6211-ADM-2011.0			
itle	LICENSED OPERATOR REQUALIFICATION TRAINING PROGRAM DESCRIPTION (UNIT 1) Revision No. 1-00					
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	This procedure appli Operators.	es to all Licensed Operators and L	icensed Senior			
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GPU	luclear	TMI TRAINING DEPARTMENT ADMINISTRATIVE MANUAL	Number 6211-ADM-2611.
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GPU	Nuclear	TMI TRAINING DEPARTMENT ADMINISTRATIVE MANUAL	Number 6211-ADM-2611.01
Title L	ICENSED OPERATOR R	EQUALIFICATION	Revision No.
п	RAINING PROGRAM DE	SCRIPTION (UNIT 1)	1-00
4.	 d) Approval e) Certifica 4 Manager, Plant a) Providing presented proficien b) Approving c) Approving and addit of drill d) Reviewing degraded e) Determini lecture sa f) Establish review doa modificat changes, analyzed, the select g) Establish review ope the nucleat personnel h) Approving i) Establishi j) Approving examination k) Identifyin requiring 1) Approving those indit n) Establishi participat o) Ensuring to satisfa schedules Training Coordit a) Coordinati b) Scheduling training f c) Providing Licensed O analysis a 	of all changes to this program desc tion of Basic Principles Trainer In Operations is responsible for: inputs to the Training Department in the Fundamentals Review and Ope cy Lecture Series. absences of licensed personnel from Plant Drill Scenarios, the conduct ions or modifications to training p critiques. repeated personnel errors or other proficiency and initiating appropri- ng mandatory attendance requirement eries attendance. ing a continuing system so that lice cumented plant design changes, equip ions, procedure changes and technica specifying the changes and modificat and ensuring that on-shift licensed ted information in a timely manner. ing a continuing system so that lice erating experience from TMI and app ar industry and ensuring that on-shi review the information in a timely the annual written examination sche personnel designated to conduct an ing the annual oral examination program accelerated requalification program accelerated requalification program accelerated requalification program SRO's designated to conduct oral ex- viduals failing to maintain an acti- ing and maintaining operational revi- tion records. hat the overall level of training of ctory through the approval of program and administrative procedures and co- nator is responsible for: ng shift training. performance reviews to determine to or TMI-1 Operations. liaison for TMI-1 Operations Divisi perator Training group in conduction nd establishing training requiremen	ription. structors. on topics to be rational m lecture series. of plant drills rograms as a result indicators of ate training. s for preplanned ensed personnel pment al specification tions to be d personnel review ensed personnel licable segments of ift licensed manner. answer key. edule. nual oral deficiencies is. is. aminations for ve status. ew series of plant operators am content, hanges thereto. he adequacy of on with the g training needs ts.
		5.0	

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A	TI NISA	-fast	TMI TRAINING DEPARTMENT	Number
			ADMINISTRATIVE MANUAL	6211-ADM-2611.0
itle	LICENSED	OPERATOR RE	EQUALIFICATION	Revision No.
<u> </u>	TRAINING	PROGRAM DES	SCRIPTION (UNIT 1)	1-00
5.0	d) e) f) g) h) 4.6 The Dire requi- upon <u>REFERENCE</u> 5.1 TO C Lice 5.2 NRC 5.3 NURE 5.4 ANS of P 5.5 INPO Pers 5.6 6211 Prog 5.7 Reol 5.8 6210	Reviewing modification deficience Ensuring is simulator Recommendireview in Recommendireview in Designation Director - octor and the alification Completion S FR 55, Appender S FR 55, Appender S Recomments." 3.1, 1978, ersonnel fo -Nuclear Po onnel -ADM-2611.0 ram, Unit I acement Ope -ADM-255.01	plant drill critiques and initiati ions to training programs to correc- les noted. required performance evaluations ar and drill exercises. ing changes and modifications to be the operational review program. ing expanded coverage of plant desi modifications, procedure changes, tion changes in the Operational Pro- periodic observation to the Training job performance results related of licensed SRO's to conduct oral e eviduals failing to maintain active TMI-I, through the Operations, certi- n and relicensing. He certifies li- n of the Inactive Status Retraining endix A, Revision dated 1 Jan 82, "(arch 28, 1980 on Qualifications of losure 3, "Clarification of TMI Act "Standard for Selection, Qualificat- r Nuclear Power Plants." wer Plant Requalification Program (2 Senior Reactor Operator Replaceme rator Training Program, Unit I. Control of Examinations for Unit 1	ng additions or t performance e conducted during analyzed for gn changes, and technical ficiency Lecture ng Department to requalification xaminations for status. Maintenance fies operators for censed operators Program. Operator's Reactor Operators tion Plan tion and Training of Licensed ent Training I and II
6.6	ATTACHMEN	TS		
7.0	PROGRAM DI 7.1 GOAL	ndix A, "Of ESCRIPTION S	f-Shift Licensed Operator Watchstar	nding Documentation"
	1)	Maintain n	cion Program goals are to: uclear plant operational safety and	i reliability.
			백화 전 이 관련 감독 중 영상 방법이 있는 것이 같이 있다.	

	Nucla	ar	TMI TRAINING DEPARTMENT	Number
01-0	AUCIE		ADMINISTRATIVE MANUAL	6211-ADM-2611.
Title LIC	ENSED OPER	ATOR REOU	ALIFICATION	Revision No.
TRA	INING PROG	RAM DESCR	IPTION (UNIT 1)	1-00
7.2	2) Ass and dut 3) Est per <u>PRE-PLANI</u> The oper training follows: 1) 2) 7.2.1 7.2.2	ure that knowledg ies. ablish a sonnel pr NED LECTU ator requisessions sessions Fundame Operation Fundame The Fund which the relative A. Le 31 42 51 61 71 80 91 B. Le Operation The Oper which in fundame The Fundame Sessions Fundame Operation The Session Session 1 2 3 4 5 5 6 7 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1	licensed personnel maintain the e required to accomplish routine system for evaluating and docume oficiency and competency. <u>RE SERIES</u> alification program shall includ conducted on a regular and cont shall include two types of lect ntals Review Lecture Series onal Proficiency Lecture Series <u>ntals Review Lecture Series</u> damentals Review training sessio he knowledge required of a licen ely constant. <u>ecture Series Topics</u> he Fundamentals Review lecture t n an as-needed basis from the fo) Theory and Fundamentals of H Fluid Flow and Thermodynamic) Features of Facility Design Systems.) Nuclear Plant Operating Chai Including Operating Experies Plant Instrumentation and Co Plant Protection Systems. Engineered Safety Systems. Radiation Control and Safety Chemistry. Applicable Portions of Title Code of Federal Regulations.) Fuel Handling. ecture Series Topic selection ne topics presented in the Fundameries should reflect the general mual examinations and performand ersonnel as evaluated by the Mana perations and the Operations and rector. The scope of the lecture termined by the Supervisor, Lice aning and approved by the Operations and rector. The scope of the lecture termined by the Supervisor, Lice aning and approved by the Operations and rector. The scope of the lecture termined by the Supervisor, Lice aning and approved by the Operations and rector. The scope of the lecture termined by the Supervisor, Lice aning and approved by the Operations and rector. The scope of the lecture termined by the Supervisor, Lice aning and approved by the Operations and performantor. and Proficiency Lecture Series ational Proficiency Lecture Series ational Proficiency Lecture Series ational Proficiency training ses	high level of skill and emergency nting licensed e pre-planned inuing basis. The ure series as ns cover areas in sed individual is opics are selected llowing list: actor Operation. Heat Transfer, cs. including Plant racteristics nce. ontrol Systems. y and Plant e 10, Chapter I, mentals Review results of the ce of the licensed ager, Plant Maintenance re series should be ensed Operator ator Training n each topic should tified by the nose identified by

 LICENSED OPERATOR REQUALIFICATION TRAINING PROGRAM DESCRIPTION (UNIT 1) A. Lecture Series Topics The Operational Proficiency lecture topics ensure coverage of essential plant operatio and to ensure operational changes and exper integrated into licensed individuals train lecture topics are selected from the follow 1) Normal, Abnormal and Emergency Operat and changes thereto. 2) Administrative Procedures, Conditions Limitations and Technical Specificati 3) Major Operational Evolutions. 4) Facility Design and License Changes. 5) Operating History and Problems. 6) Related Nuclear Industry Operating Ex 7) Mitigation of Accidents Involving a D B. Lecture Series Topic Selection The topics presented in the Operational Pro shall include topics listed in Section 7.2. the applicable information is covered in an appropriate manner, such as staff discussio Operational Review Program (Section 7.4) di sessions. The scope of the lecture series shoul be d the Supervisor, Licensed Operator Training the Operator Training Manager taking into a inputs from the Manager, Plant Operations, Coordinator and the Operations and Maintena The depth of the coverage in each topic sho knowledge required of the Licensed Senior 0 7.2.3 Pre-Planned Lecture Series Schedule 			6211-ADM-2611.
 A. Lecture Series Topics The Operational Proficiency lecture topics ensure coverage of essential plant operation and to ensure operational changes and exper- integrated into licensed individuals traini- lecture topics are selected from the follow 1) Normal, Abnormal and Emergency Operat and changes theretc. 2) Administrative Procedures, Conditions Limitations and Technical Specificati 3) Major Operational Evolutions. 4) Facility Design and License Changes. 5) Operating History and Problems. 6) Related Nuclear Industry Operating Ex 7) Mitigation of Accidents Involving a D B. Lecture Series Topic Selection The topics presented in the Operational Pro- shall include topics listed in Section 7.2. the applicable information is covered in an appropriate manner, such as staff discussio Operational Review Program (Section 7.4) di sessions. The scope of the lecture series shoul be d the Supervisor, Licensed Operator Training the Operator Training Manager taking into a inputs from the Manager, Plant Operations, Coordinator and the Operations and Maintena The depth of the coverage in each topic sho knowledge required of the Licensed Senior 0 7.2.3 Pre-Planned Lecture Series Schedule 			Revision No. 1-00
The Pre-planned Lecture Series shall be sch annual basis. Lectures may be deferred due unanticipated events, but should be conduct practicable thereafter and within the annua The lecture series shall be held on a conti- with a weekly schedule of lectures designed for each shift when that shift is designated training week. The program and schedule wi determined by unit operations or projected of must take into account planned and unplanne available simulator time. It shall typical to 240 contact hours of instruction divided program topics and appropriately scheduled year. Records of the topics covered in each be maintained by the Training Department.	ics a ation xperi- inni ions catio es. g Exp a De Prof 7.2.2 n ano ssion) dis be de ing a to ac ns, t tenan shou or Op sche ducte nnual ontin gned each t.	ics an ationa xperie aining llowin eratin ions a cation es. g Expe a Deg Proff 7.2.2. n anot ssion) disc be det ing ar to acc ns, th tenanc or Ope schece ducted nual or to action schece ducted nual or an each t.	are selected to hal guidelines iences are ng. The ing list: ing Procedures and ons. Derience. egraded Core. ficiency Series 2. (A), unless other n sessions or scussion etermined by and approved by count the the Training nee Director. and reflect the berator. eduled on an to ed as soon as cycle. huing basis to be repeated i for its 1 be operations and outages and y involve up among the throughout the session shall

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Title LICENSED OPERATOR TRAINING PROGRAM 7.2.4 Pr At Ab P1 Di We th in in as in th qu pe a re se sh Tr 7.2.5 Pr Th Su A. Le Fo p1 ac Th ha	ADMINISTRATIVE MANUAL REQUALIFICATION DESCRIPTION (UNIT 1) e-Planned Lecture Series Attendance tendance of all licensed personnel sha sences should be approved in advance b ant Operations or the Operations and M rector, Unit 1, and should be `imited ek per year. Additional absences, unl e Manager, Plant Operations, shall res dividual being removed from licensed d an accelerated requalification progra the missed material is made up. In a dividual who misses training shall be e material presented in his absence an iz that was given on the missed materi rsonnel whose annual written examinati mandatory upgrading of their knowledge quired, must attend the applicable pre- ries presentation. Mandatory attendan all be determined by the Supervisor, L aining and approved by the Manager, Pl	6211-ADM-2611.0 Revision No. 1-00 11 be recorded. y the Manager, aintenance to one training ess approved by ult in the uties and placed m until such time ny case, the responsible for d shall take the al. Those on indicates that level is -planned lecture ce requirements icensed Operator ant Operations
Title LICENSED OPERATOR TRAINING PROGRAM 7.2.4 Pr At Ab PT Di We th in in as in th qu pe a re se sh Tr 7.2.5 Pr Th Su A. Le Fo p1 ac Th ha	REQUALIFICATION DESCRIPTION (UNIT 1) e-Planned Lecture Series Attendance tendance of all licensed personnel sha sences should be approved in advance b ant Operations or the Operations and M rector, Unit 1, and should be limited ek per year. Additional absences, unl e Manager, Plant Operations, shall res dividual being removed from licensed d an accelerated requalification progra the missed material is made up. In a dividual who misses training shall be e material presented in his absence an iz that was given on the missed materi rsonnel whose annual written examinati mandatory upgrading of their knowledge quired, must attend the applicable pre ries presentation. Mandatory attendan all be determined by the Supervisor, L aining and approved by the Manager, Pl	Revision No. 1-00 1 be recorded. y the Manager, aintenance to one training ess approved by ult in the uties and placed m until such time ny case, the responsible for d shall take the al. Those on indicates that level is -planned lecture ce requirements icensed Operator ant Operations
TRAINING PROGRAM7.2.4PrAttAbP1Diwethininaresesh7.2.5ThA.LeFop1acthhavi	DESCRIPTION (UNIT 1) e-Planned Lecture Series Attendance tendance of all licensed personnel sha sences should be approved in advance b ant Operations or the Operations and M rector, Unit 1, and should be limited ek per year. Additional absences, unl e Manager, Plant Operations, shall res dividual being removed from licensed d an accelerated requalification progra the missed material is made up. In a dividual who misses training shall be e material presented in his absence an iz that was given on the missed materi rsonnel whose annual written examinati mandatory upgrading of their knowledge quired, must attend the applicable pre- ries presentation. Mandatory attendan all be determined by the Supervisor, L aning and approved by the Manager, Pl	1-00 11 be recorded. y the Manager, aintenance to one training ess approved by ult in the uties and placed m until such time ny case, the responsible for d shall take the al. Those on indicates that level is -planned lecture ce requirements icensed Operator ant Operations
7.2.4 Pr Ab PT Di we th in in as in th qu pe a re se sh Tr 7.2.5 Pr Th su A. Le Fo p1 ac Th ha vi	e-Planned Lecture Series Attendance tendance of all licensed personnel sha sences should be approved in advance b ant Operations or the Operations and M rector, Unit 1, and should be limited ek per year. Additional absences, unl e Manager, Plant Operations, shall res dividual being removed from licensed d an accelerated requalification progra the missed material is made up. In a dividual who misses training shall be e material presented in his absence an iz that was given on the missed materi rsonnel whose annual written examinati mandatory upgrading of their knowledge quired, must attend the applicable pre ries presentation. Mandatory attendan all be determined by the Supervisor, L aining and approved by the Manager, Pl	11 be recorded. y the Manager, aintenance to one training ess approved by ult in the uties and placed m until such time ny case, the responsible for d shall take the al. Those on indicates that level is -planned lecture ce requirements icensed Operator ant Operations
du pro In con be pro B. <u>Sti</u> Sti Pro opp exp Whi be	e-Planned Lecture series Training Meth e pre-planned lecture series shall use oported by prepared lesson plans. cture Presentation r each training session in the lecture an shall be prepared, reviewed, and ap cordance with applicable Training Depa e incorporation of training aids such ndouts, films, slides, models, transpa leotape presentations is encouraged. come the reference source for the info ring the lecture and shall be retained ogram records. the event that videotape or film present puter-based instruction are used, an available to embellish, explain or em esentation and to respond to any quest of the trainees. ady Periods idy periods should be scheduled in con, e-Planned Lecture Series to provide lic portunity to reinforce the lecture ser- perience and to study new or additional le individual self-study is encouraged substituted for training sessions imp	ods training sessions series, a lesson proved in rtment Procedures. as trainee rencies, and The TCR shall rmation covered as part of the entations or instructor shall phasize the ions or comments junction with the censed trainees an ies learning l materials. d, it should not lemented by an
ins Ser	tructor conducted as part of the Pre-	planned Lecture
u. <u>Ins</u>	tes.	

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Title L	ICENSED OPE	RATOR R	EQUALIFICATION SCRIPTION (UNIT 1)	Revision No. 1-00
		1. 2.	Training Department and facility insteach systems, integrated responses courses shall have demonstrated they the NRC by successful completion of operator examination or certification subject areas permanent instructors qualified in accordance with Training Procedures. "Guest" lecturers who are experts in subject area need not possess the at qualification. The scheduling and a "Guest" lecturers shall be approved the Operator Training Manager or Man	structors who and transient ir competence to a senior on. For other shall be ng Department n a particular bove appearance of in writing by nager, Plant
	7.2.6	Pre- The evaluation	Planned Lecture Series Evaluation lecture series shall be evaluated by o uations of the trainee's knowledge, ef overall lecture series, and effective	conducting ffectiveness of ness of the
	Α.	Lecti Afte writ: 1.	ure Series Quiz r each week of lectures, all trainees ten, closed-book quiz covering the lec <u>Quiz Administration</u> During or at the completion of a gro an evaluation of trainee knowledge s The evaluation shall contain question the lesson plan objectives covered of lectures. All lecture topics covered training session should be represent in the evaluation. In addition, que	shall take a cture topic(s). oup of lectures, shall be made. ons related to during the ed during the ted by questions estions shall be
		2	procedures as designated by the Supe Operator Training, such that all abr emergency procedures are tested on a A variety of question types may be u questions requiring analysis or deta should predominate. Exams shall be controlled in accordance with refere Quiz Standards Quizzes shall be evaluated and a gra	emergency ervisor Licensed normal and a biennial basis. used, but ailed discussion prepared and ences 5.8 and 5.9. ade determined
			for each trainee. A performance sta shall be established for a written o who do not meet these performance st complete a remedial review process w weeks consisting of:	andard of 80% quiz. Trainees tandards shall within eight (8)
			10.0	

	ADMINISTRATIVE MANUAL	6211-ADM-2611.
Title LICENSED OPERATOR RE	QUALIFICATION	Revision No.
TRAINING PROGRAM DES	CRIPTION (UNIT 1)	1-00
B. Lectur The energy of the requart.	 a) Trainee review of the train material associated with ic deficiencies. b) Trainee review of associate material identified by the c) Administration of a second least the identified knowle If the second quiz is completed for completion of the lecture. If the second qui unsatisfactory, the Supervi Operator Training shall not Plant Operations with copie and Maintenance Director an TMI-1, via the Operator Training of results and provide a recom the trainee's removal from entrance into an accelerate program (Section 7.6.1). Trainees whose attendance a the training sessions cover quiz is mandatory based on examination must achieve a 80% on the applicable sectiquiz or be assigned an accerequalification program per results of the lecture series ated by the trainees, Manager, Plant Upervisor, Licensed Operator Trainis evaluation should be factored i lification training. Lecture Series Evaluation An overall evaluation of the annu should be conducted on at least a The evaluation should encompass t training materials, presentation techniques, and classroom facilit This evaluation should be conduct designated by the Supervisor, Lice Training and should consider input rainees, Manager, Plant Operation techniques and classroom facilit This evaluation should be conduct designated by the Supervisor, Lice Training and should consider input rainees, Manager, Plant Operation techniques and classroom facilit 	hing session dentified knowledge ed reference instructor. quiz covering at edge deficiencies. eted e should receive he required z is sor, Licensed tify the Manager, es to the Operations ad the Director, ining Manager and the evaluation mendation regarding licensed duties and ed requalification et all or part of red by a particular the previous annual score of at least ons of the first lerated e section 7.6.1. Should be nt Operations and ing. The results nto subsequent al lecture series n annual basis. he instructors, techniques, quiz ies. ed by individuals ensed Operator t from the ns and the program s should be pervisor, Licensed r Training Manager.,

न	Nuclear	TMI TRAINING DEPARTMENT ADMINISTRATIVE MANUAL	Number 6211-ADM-2611.01
Title	LICENSED OPERATOR RE TRAINING PROGRAM DES	EQUALIFICATION SCRIPTION (UNIT 1)	Revision No. 1-00
•	7.3 <u>SKILLS TRAINING</u> In order to main associated with procedures, each and varied plan demonstrate oper following active 1) React 2) Nucle 3) Plant Shift Technical operators may muduring these ach To maintain the manipulate the manipulate or a Training should repeated until	Presentation Evaluation Evaluation of selected lecture sensessions shall be conducted period evaluations should be directed townoverall quality of instruction for series. The evaluation should ence preparation, presentation technique content of the lecture. This evalued conducted by personnel designated Plant Training, Operator Training Training Coordinator. Problems identified by these evaluers resolved by the instructor and the Licensed Operator Training. AND EVALUATION Intain an acceptable level of skills the nuclear plant systems, controls h licensed individual shall particit t evolutions. Each licensed indivit rational proficiency by participative ities: ivity Manipulations and Plant Evolut ar Plant Simulator Exercises, Basic Drill Program Advisors (STA's) licensed as senior eet this requirement by filling the tivities. se skills, licensed operators shall controls, while licensed senior oper ctively supervise manipulation of the be planned so that skills training proficiency is demonstrated.	ries training dically. The ward ensuring r the lecture compass instructor ues, and technical luation should be by the Manager, Manager, or uations should be e Supervisor, and familiarity s, and operational pate in frequent dual shall ing in the utions Principles Trainer or reactor e role of the STA actually rators may either the controls. e exercises are
	During simulato utilized, empha operational dut specifications. direct interact made on a crew the crews. (Ot i.e. normally to During basic pr concept should and additional split such that the training de	r training sessions, the team conce sizing individual roles in reportin ies, use of plant procedures and us Assignment to simulator training ions with the nuclear plant control basis with other licensed individua her licensed individuals' use is to wo or less). inciples trainer training sessions, be utilized with one or two student students acting as observers. Larg part of the group is in the classr vice on a rotating basis.	pt should be g, assignment of e of technical sessions which are panel should be ls integrated into be minimized, the individual s on the trainer e groups should be oom and part on
		12.0	

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Nuclear	TMI TRAINING DEPARTMENT	Number
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TRAINING PROGRAM DES	QUALIFICATION	1-00
Title LICENSED OPERATOR RE TRAINING PROGRAM DES Reactivity mani be considered i include: 1) Reactivity 2) Normal Pla 3) Abnormal/E 4) Demonstrat nuclear in Instructors pre certified by th with applicable 7.3.1 A.	QUALIFICATION CCRIPTION (UNIT 1) pulations, plant evolutions, and ex n the Basic minciples Trainer Trai manipulation nt Evolutions mergency Plant Evolutions dustry operating experiences. senting basic principles training s e Manager, Plant Training as qualif Training Department Procedure. Reactivity Manipulations and Plant During the two year term of the NR licensed individual shall particip of reactivity control manipulation evolutions. Normal Plant Evolutions On an annual basis, each licensed participate in the following plant at the nuclear plant, or an applic simulator. 1) Plant or reactor startup and to a range where reactivity nuclear heat addition is not rate is established. 2) Plant shutdown. 3) Manual control of steam gene and/or feedwater flow during and/or shutdown. 4) Boration and/or dilution dur operation. 5) Reactor power changes of 10%	Revision No. 1-U0 ercises which may ning program identified from essions shall be ied in accordance Evolutions C license, each ate in a variety s and plant individual shall evolutions either able nuclear plant power escalation feedback from iceable and heatup rator water level plant startup ing power or greater where
	Reactor power changes of 10% load change is performed wit manual	or greater where h load control in
	 Operation of turbine control turbine startup. 	s in manual during
	 Decay heat removal system op Incore monitoring system one 	eration.
	 Control room calculations in balance, coolant inventory b reactivity balance. 	cluding heat alance, and
	Individual performance during these shall be monitored and deficiencie that satisfactory proficiency is d	e plant evolutions s corrected so emonstrated.
	12.0	

ALI Nuclear	TMI TRAINING DEPARTMENT ADMINISTRATIVE MANUAL	Number 6211-ADM-2611.01
te LICENSED OPERATOR	EQUALIFICATION	Revision No.
TRAINING PROGRAM DE	SCRIPTION (UNIT 1)	1-00
Β.	 Abnormal/Emergency Plant Evolution On an annual basis, each licensed participate in training exercises following plant abnormal/emergency at a nuclear power plant simulato plant drill program: Reactor trip Turbine or generator trip Loss of coolant including: a) Significant steam genu b) Significant pressurize c) Large and small leaks outside primary contai leak rate determinatio inside containment) d) Saturated reactor cooi Loss of coolant flow/natura Loss of shutdown cooling On a two-year cyclic basis, each shall participate in training exect following plant abnormal/emergency at a nuclear plant simulator or did drill program. Nuclear instrumentation fail Loss of protective system cliss Mispositioned control rod(s Inability to drive control is or standby liquid control system Fuel cladding failure or his reactor coolant or offgas Malfunction of reactor coola control system Loss of condenser vacuum 	ns Individual shall covering the y conditions either r or during the erator leaks erleaks located inside and inment (including on for small leaks lant system response l circulation al and emergency) v licensed individual rcises covering the y conditions either uring the plant lure(s) hannel(s)) (or rod drops) rods emergency boration ystem. gh activity in htrol system(s) ant pressure/volume d/or degraded power ystem or cooling to normal feedwater

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AL! Nuclear	TMI TRAINING DEPARTMENT ADMINISTRATIVE MANUAL	Number 6211-ADM-2611.01
Title LICENSED OPERATOR RE TRAINING PROGRAM DES	QUALIFICATION CRIPTION (UNIT 1)	Revision No. 1-00
с.	 15) Main steam line break (inside containment) Response to abnormal/emergency cond include use of alternate methods of given function, such as alternate methods. Exercises involving multipland/or operator error shall be including. Exercises involving multipland/or operator error shall be including the exercises should be maximized. Individual and operational team pertihe abnormal/emergency training exemption of the abnormal/emergency is demonst. 	or outside itions should accomplishing a ethods of core ple failures uded. cedures and training formance during rcises shall be d so that rated. ions and Plant
	Evolutions Reactivity manipulations and plant of be conducted either at the nuclear plant suitable nuclear plant simulator. 1. Performance of Normal Plant E- Normal plant evolutions shall performed at the nuclear plant a suitable nuclear plant simulation 2. Performance of Abnormal/Emerger Evolutions Abnormal/emergency plant evolu- either performed at a nuclear or conducted during the plant (Section 7.3.3). In the event that an actual all condition occurs at the plant of the licensed personnel cop- condition is satisfactory (as the Manager, Plant Operations completion of a training event	evolutions shall plant or at a <u>volutions</u> be either t or performed at lator. ency Plant utions shall be plant simulator, drill program bnormal/emergency and performance ing with the determined by), credit for
D.	In plant performance of plant evolut reactivity manipulations outlined in documented by the Shift Supervisor/S forwarded to the Training Coordiante	tions and n 7.3.1 may be Shift Foreman and
7.3.2	Nuclear Plant Simulator Exercises A nuclear plant simulator provides a training licensed individuals to cor plant evolutions and to cope with nu transient and accident conditions. individuals shall participate in a training program utilizing a nuclear on an annual basis.	a means of nduct normal uclear plant Licensed structured r plant simulator
	15.0	

GPU Nucle	AT TMI TRAINING DEPARTMENT ADMINISTRATIVE MANUAL	6211-ADM-2611.01
Title LICENSED OPER TRAINING PROD	ATOR REQUALIFICATION RAM DESCRIPTION (UNIT 1)	Revision No. 1-00
	 Each licensed individual shiplant simulator training settimenty (20) hours of direct simulator nuclear plant combasis. Brief post-evolution the simulator nuclear plant considered as part of the directure sessions conducted is simulator training program of designated in the Pre-planned credited toward fulfilling to Section 7.2. Reactivity manipulations, plant exercises which should be consimulator training program in 1) Normal Plant Evolution 2) Abnormal/Emergency Plant 7.3.1(B). 3) Verification of Plant Adequacy 4) Demonstration of plant identified from nucleat experiences. Instructors presenting simulation of examination or certification of Examination or certification of examination or certification 	all complete nuclear ssions involving at least interaction with the trol panel on an annual n critiques conducted at control panels may be irect interaction session. in conjunction with a covering topics ed Lecture Series may be the requirements of lant evolutions, and onsidered in the include: ns (Section 7.3.1(A)). ant Evolutions (Section Operating Procedure t response to conditions ar industry operating lator training sessions ir competence to the NRC a Senior Operator
7.3	Basic Principles Trainer A basic principles trainer p training licensed individual nuclear plant operation, foc operation under steady-state conditions. The main differ simulator and the basic prin and complexity of controls, conduct many of the same evo and plant startups and shutd	provides a means of s on the principles of cusing on major system a and transient rence between the nciples trainer is size in that trainees can olutions, such as reactor downs, on both devices.
	16.0	

AD Nuclear	TMI TRAINING DEPARTMENT ADMINISTRATIVE MANUAL	6211-ADM-2611.01
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TRAINING PROGRAM DES	SCRIPTION (UNIT T)	1-00
7.3.4	<pre>Instructors presenting basic princi- sessions shall be qualified as BPT The Basic Principles Trainer shall minimum of forty (40) hours of tra- year. This annual requirement shall basis dependent on availability. Plant Drill Program Plant drills provide a means of tra- individuals in responding to plant abnormal/emergency conditions. Li- shall participate in the plant dri- annual basis. Plant Drills Plant drills shall be conducted so licensed individual actively parti- covering abnormal/emergency plant of (Section 7.3.1(B)) which are not an in the nuclear plant simulator training program (Section 7.3.2). a plant drill involves either resp conditions or being an assigned mo observing/evaluating response to a drills may be structured to review actions required to respond to abn plant conditions. Plant drills may be conducted with the Manager, Plant Operations, on team basis and may involve: 1) Reviewing plant procedure st 2) Identifying actions required stable plant conditions. 3) Identifying expected plant i alarm response. 5) Reviewing communications nec information or coordinate te</pre>	iples training Instructors. be utilized for a ining session per 11 be on a prorata aining licensed censed individuals 11 program on an that each cipates in drills evolutions dequately covered Participation in onding to drill nitor for drill. Plant or carry out ormal/emergency the approval of an individual or eps. to establish 1 locations and nstrumentation and essary to gather am actions.
	17.0	

LICENSED OPERATOR REI TRAINING PROGRAM DESI B.	 GUALIFICATION CRIPTION (UNIT 1) 6) Identifying supplementary act mitigating results or causes abnormal/emergency conditions Plant Drill Scenarios Each plant drill must be carefully monitored in order to ensure actual abnormal/emergency conditions are r initiated during the drill and in d individual or team response to the Each plant drill structured to incl actions should be planned in a prey scenario, approved by the Manager, Operations. The Operations and Mat and Director TMI-1 shall approve sc emergency drills, except as provide Plant/Radiation Emergency drill aut requirements. The drill scenario s following: 1) Purpose/objectives of the drift 2) Initial conditions 3) General description 4) Method of initiation 	Revision No. 1-00 tions aimed at of plant s. planned and not inadvertently order to evaluate drill conditions. lude carrying out pared drill Plant intenance Director cenarios for major ed for by thorization should include the ill
β.	 6) Identifying supplementary act mitigating results or causes abnormal/emergency conditions Plant Drill Scenarios Each plant drill must be carefully monitored in order to ensure actual abnormal/emergency conditions are r initiated during the drill and in d individual or team response to the Each plant drill structured to incl actions should be planned in a prey scenario, approved by the Manager, Operations. The Operations and Mar and Director TMI-1 shall approve sc emergency drills, except as provide Plant/Radiation Emergency drill aut requirements. The drill scenario s following: 1) Purpose/objectives of the drift 2) Initial conditions 3) General description 4) Method of initiation 	tions aimed at of plant s. planned and not inadvertently order to evaluate drill conditions. lude carrying out pared drill Plant intenance Director cenarios for major ed for by thorization should include the ill
	 6) Sequence of expected actions 7) Point of termination/condition 7) Point of termination/condition 8) Final conditions 9) Monitors required/location 7) The drill performance should be evaluated by the Senior Monitor with the participants. Deficiencies identified and the participants. Deficiencies identifications to training programs correct performance deficiencies slopy the Training Coordinator and/or Plant Operations. (The review/programs conducted by Emergency Planning). 	aluated and critique should be e drill fied should be or. Additions or required to hould be initiated the Manager, gram modification Emergency Drills
7.3.5	Skills Evaluation System Licensed personnel performance and related to performing licensed dut periodically evaluated. Repeated of indicators of degraded proficiency reviewed by the Manager, Plant Oper Operator Training Manager and appro initiated.	competency ies shall be errors or other should be rations and the opriate training

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7.	3.6	Evaluation of licensed personnel jushould be utilized to relate job prequalification training. The Mana Operations and Training Coordinator Operator Training Manager with peridentifying job performance results requalification training. Each liven individual's performance shall be at the following situations: 1) Nuclear Plant simulator exernapplicable Basic Principles 2) Plant drills The Training Coordinator should ensare conducted during the simulator exercises. Skills Training Participation In the event that skills training operation in normal plant evolut 7.3.1(A)), abnormal/emergency plant (Section 7.3.1(B)) or plant drills 7.3.3(A)) are not met, exercises with the requirements are not completed (12) week period, the Supervisor, L Training shall notify plant manager Director TMI-1 via the Operator Training shall notify plant manager participation noted above, Off Shift personnel assigned to the Operations In addition to meeting the requirements are not. Mathemager, Plant Training and pro- recommendation regarding the licenser removal from licensed duties. In addition to meeting the requirements participation noted above, Off Shift personnel assigned to the Operations shall actively participate in contra a minimum of one shift per month. instructors from the Training Departicipate in contra a minimum of one shift per month. instructors from the Training Departicipate in contra a minimum of one shift per month. instruction and perform the duties licensed personnel must assume (actionstruction) and perform the duties licensed operator as indicated by of Appendix A and forwarding to the Training to the Tr	ob performance erformance to ager, Plant r should provide Training or the iodic observations s related to censed evaluated during cises (includes Trainer exercises) sure evaluations and drill guidelines for utions (Section t evolutions (Section hich will fulfill ed and completed quired period. If within the twelve Licensed Operator ment and the aining Manager and ovide a sed individual's ments for ft licensed ns Department rol room operation Licensed rtment staff and hall actively ion a minimum of period these tual or under s of the on shift completing raining Department.

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Shift Technical Advisors (STA's) holding SRO licenses meet these requirements as long as they are assigned to and actually participating in shift operations. If they are removed from shift work for special assignment, etc., they shall be required to stand one shift per month.

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Based on schedule constraints, satisfactory participation shall be defined as meeting the requirements on a quarterly basis. (i.e. three or six shifts depending on licensed individual as addressed above).

For non-watchstanding personnel assigned as senior supervisory personnel in operations who are fulfilling the provisions of their individual licenses by actively functioning in their normal position, waivers of watchstanding requirements may be authorized by the Operations and Maintenance Director provided the licensed operator (1) maintains a current knowledge of actual plant conditions and (2) participates in overall plant operations on a periodic basis to a depth consistent with level required of the licensed, on shift operators and senior operators.

If an individual does not meet his watchstanding requirements by the end of the month following a calendar quarter, he shall be assigned to meet the requirements of Inactive Status Retraining Program, Section 7.6.2.

7.3.7

Documentation of Skills Training and Evaluations as outlined in Section 7.3 shall be maintained in the Training Department Records.

7.4 OPERATIONAL REVIEW PROGRAM

The operational review program provides a system for on-shift review of selected operational experiences and changes to existing operating guidance or equipment. The operational review program enables continuing updating of on-shift personnel and establishes a means of disseminating new or changing information on a short term basis.

7.4.1

Modification Review

A continuing system shall be established by the Manager, Plant Operations so licensed individuals review documented plant design changes, equipment modifications, procedure changes and technical specification changes. Selected changes and modifications should be analyzed and information pertinent to the basis for the changes and their

GPU Nuc	lear	TMI TRAINING DEPARTMENT ADMINISTRATIVE MANUAL	Number 6211-ADM-2611 01
Title LICENSED OF TRAINING PE	PERATOR RE	EQUALIFICATION SCRIPTION (UNIT 1)	Revision No. 1-00
TRAINING PS	.4.2	<pre>Operational implications collected. information should be formally transm licensed individuals with acknowledger required. Changes to emergency proce- technical specifications shall be read The Manager, Plant Operations and the Licensed Operator Training should spec- and modifications to be analyzed, with for review transmitted in accordance of urgency of the situation. The Manager Operations should ensure that all on personnel review the selected information timely manner. Expanded coverage of plant design chan modifications, procedure changes and of specification changes in the Operation Lecture Series (Section 7.2.2) should by the Supervisor, Licensed Operator 10 On-shift supervisory (SRO) personnel s guidance to on-shift operators in inter reviewing changes and modifications. discussion period to review changes ar modifications is encouraged. Operating Experience Review A continuing system shall be establish Manager, Plant Operations so licensed review operating experience from TMI a applicable segments of the nuclear ind Selected operational events and report occurrences at the facility should be information pertinent to the event col Selected operational information from industry should be analyzed. The foll of information shall be considered: 1) Licensee Event Reports 2) Audit, evaluation, and inspectio 3) Publications and periodicals cov industry information. 4) NSAC/INPO Significant Event Repor This information should be formally tr all licensed individuals with required acknowledgement of review. The Manage and acknowledgement of review. The Manage and acknowledgement of review. The Manage and provide analyzed. The quired acknowledgement of review. The Manage and periodicals cov industry information.</pre>	I-00 This itted to all ment of review dures and d per OS-1. Supervisor, cify changes h information with the r, Plant shift licensed tion in a nges, equipment technical hal Proficiency be considered raining. should provide erpreting and An on-shift nd med by the individuals and from lustry. able analyzed and lected. the nuclear owing sources n reports ering nuclear rts ansmitted to r. Plant
•		Operations should ensure that all on-s personnel review the information in a Technical Functions personnel assigned plant operating experience and the Sup	r, Flant nift licensed timely manner. to assess ervisor,

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	luclear	TMI TRAINING DEPARTMENT	Number
	ucicai	ADMINISTRATIVE MANUAL	6211-ADM-2011.01
itle LICE	NSED OPERATOR	REQUALIFICATION	Revision No.
TRAI	NING PROGRAM DE	ESCRIPTION (UNIT 1)	1-00
7.5	ANNUAL REQUAL I In order to de covered in the determining ar examination sh completion of consist of an 7.5.1 A. B.	Licensed Operator Training shall experience to be analyzed for tra- with information transmitted to a personnel for review. Subsequent operating experience in the Opera Lecture Series (Section 7.2.2) sh by the Supervisor, Licensed Opera Selected nuclear plant accident/t shall be analyzed and integrated Plant Simulator Exercises (Section Plant Drill Program (Section 7.3. FICATION EXAMINATION termine each licensed individual's requalification program and provid eas in which retraining is needed, all be given to all licensed indivi each annual requalification program oral examination and a written exam Annual Written Examination An annual written examination sha to all licensed individuals. Written Examination Content The written examination shall con questions covering the topics add Fundamentals Review Lecuture Seri Operational Proficiency Lecture S. The topics shall be grouped into examination categories for each 1 SRO). The examination shall be s the level of questioning is consist individual's license level (R0 or format of NRC licensing examination the written examination should be structure enabling consistency of minimizing possible compromise of to administration. The following be considered: 1) An examination question file assembled containing questio each examination topic. 2) Questions shall be formulate with reference 5.9. Sources	specify operating ining purposes, ill licensed coverage of itional Proficiency bould be considered itor Training. ransient situations into the Nuclear in 7.3.2) or the 3). knowledge of topics e a basis for an annual duals prior to the cycle and shall ination. 11 be administered tain examination ressed in the es (7.2.1) and the eries (7.2.2). four (4) icense level (RO or tructured so that stent with the SRO) and current ons. prepared under a questioning and examinations prior guidelines should e shall be ons and answers on ed in accordance

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Title LICENSED OPERATOR RI TRAINING PROGRAM DE	EQUALIFICATION SCRIPTION (UNIT 1)	Revision No. 1-00
r.5.2	 d) Previous examinations. e) Manager, Plant Operati f) Operating experience. g) Plant design changes a modifications. 3) The examination should inclu question types, but question analysis and/or explanation 4) The Supervisor, Licensed Ope shall designate individuals examination questions and an annually. Personnel designated by the Superv Operator Training shall prepare th examination(s) utilizing the exami file. The number of different exami should be consistent with preventi compromise. The examination and a be reviewed by the Supervisor, Licensed Operator Manager, Plant Operat examination administration. The Supervisor, Licensed Cherator designate qualified personnel to g examination and shall review the g for grading techniques and consist Examination Performance Standards A licensed individual receiving a 70% in any examination category or of less than 80% shall be relieved duties and placed in an accelerate program (Section 7.6.1). Under special circumstances where than 70% has been scored in a sing the overall average greater than 80% shall be relieved for greater is scored on the writte individual may return to shift in with the approval of the Director, Annual Oral Examination 	ons. Ind system de a variety of is requiring should predominate. rator Training to update the swers file isor, Licensed e written nation question minations prepared ng examination nswer key should ensed Operator tor Training ions prior to Training shall rade the written raded examinations ency. grade of less than 'an overall grade of his license d requalification a grade of less le section with 0%, the Director, cumstances and amination of the . If the oral nd a grade of 70% n section, the a licensed status TMI-1. e administered to
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Α.	 Oral Examination Content The oral examination should contain covering the following areas: 1) Licensed duties and responsition corresponding position corresponding individual's license level. 2) Actions in the event of abnormation about the event of abnormation of instrument solutions in the event of emergence changes. 8) Technical Specifications. 9) Emergency Plan. 10) Plant Operating history and 	in questions bilities of the nding to the ormal conditions. rgency conditions. tation responses. t response.
8.	 Related nuclear industry ope Oral Examination Administration The oral examination shall be cond structure enabling consistency of evaluation. The following guideli considered. A checklist identifying the covered shall be used. Overall evaluation shall be 	rating experiences. ucted under a questioning and nes should be areas to be made on a
	pass/fail basis. 3) Comments on individual strem weaknesses shall be made. The Supervisor, Licensed Operator Manager, Plant Operations shall es examination schedule. Personnel assigned to conduct an of shall be designated by the Supervi Operator Training and approved by Operations. Oral examinations sha a Licensed Senior Operator or pers successfully completed education a programs required for a senior operator.	Igths and Training and the tablish the oral oral evaluation sor, Licensed the Manager, Plant ill be conducted by sonnel who have and training erator's license.
c.	an examination time of two (2) hou achieved. The Oral examination should involv conducted in the plant control roo areas occupied by individuals whos directed by the licensed operator. Examination Performance Standards A failing overall oral examination require the licensed individual to	ructured so that irs or more is m and in plant e actions are grade shall b be removed from
	24.0	

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Nuclear	THI TRAINING DEPARTMENT ADMINISTRATIVE MANUAL	6211-ADM-2011.0
Title LICENSED OPERATOR RE	EQUALIFICATION SCRIPTION (UNIT 1)	Revision No. 1-00
Title LICENSED OPERATOR RI TRAINING PROGRAM DES 7.6 SPECIAL RETRAIN Specific retra required to up licensed duties 7.6.1 A. B.	<pre>EQUALIFICATION SCRIPTION (UNIT 1) his license duties and be placed i requalification program (Section 7 <u>NING PROGRAMS</u> ining programs for licensed individu grade or refresh knowledge and skill s. <u>Accelerated Requalification Progra</u> The accelerated requalification progra The accelerated requalification progra The accelerated requalification progra Required Attendance Licensed individuals meeting one o following criteria shall be assign accelerated requalification progra 1) Annual requalification progra al) Annual requalification oral performance deficiencies per 2) Annual requalification oral performance deficiencies per 3) Pre-planned lecture series q deficiencies per Section 7.2 4) Significant licensed duty per deficiencies identified by t Operations and/or the Superv Operator Training. Program Contant The accelerated requalification prosent in the program. The Supervisor, Licensed Operator responsible for formulating indivi, requalification programs. They sh the Operator Training Manager and Operations. Program Administration The accelerated requalification prosent in the program. The Supervisor, Licensed Operator responsible for formulating indivi, requalification programs. They sh the Operator Training Manager and Operations. Program Administration The accelerated requalification prosent in Directed self-study 2) Oral interviews and discussi 3) Pre-planned lectures 4) Skills training exercises at attention the program sercises at attention the program sercises at attention and secusion sercises at attention attention and secusion sercises at attention attention and secusion sercises at attention a</pre>	Revision No. 1-00 n an accelerated .6.1). als may be s related to m ogram is for fied deficiencies retraining effort. r more of the ed to an m: en examination Section 7.5.1(C). examination Section 7.5.2(C). uiz performance .6(A)(2). rformance he Manager, Plant isor, Licensed ogram content o upgrade deficient. n which shall be covered Training shall be dual accelerated all be approved by the Manager, Plant ogram may involve cluding: on sessions. the plant or
	Personnel assigned to implement the exercises shall be qualified in acc Section 7.2.5(C) or 7.3.2 as approp	e training cordance with priate.
	25.0	

GPU Nuclear	TMI TRAINING DEPARTMENT ADMINISTRATIVE MANUAL	6211-ADM-2611.0
TRAINING PROGRAM DES	QUALIFICATION SCRIPTION (UNIT 1)	Revision No. 1-00
D. 7.6.2	Program duration should be dictate training required and trainee's pro- Performance Standards Successful completion of the acce requalification program shall be a administering an examination. The cover all categories of identifier written and/or oral examinations. format should be similar to the or examination, and the examination is by individuals designated by the S Licensed Operator Training. Performance standards for the acce requalification program shall be a licensed Operator Training. Performance standards for the acce requalification written exam 2) A passing evaluation on the requalification oral examines In the event that these standards individual's suitability for resum duties will be reviewed by the Sup Operator Training. He shall provi recommendation to plant management TMI-1, via the Operator Training M Manager, Plant Training regarding permanent removal from licensed du upgrading efforts to be considered of appropriate, another accelerate program shall be structured to cor Inactive Status Retraining Assignment to the Inactive Status is required if: (1) an individual performed licensed duties for a per months or longer or (2) an individ the watchstanding requirements est section 7.3.6. Active status can be maintained by licensed duties involves manipulat which directly affect reactivity of the reactor or directing the licen- licensed operators, and for those individuals not normally assigned shift, completing the requirements for participation in control room	ed by the extent of erformance. lerated determined by e examination shall d deficiencies from The examination riginal shall be conducted Supervisor, elerated as follows: each accelerated mination category. accelerated ation. are not met, the ming licensed pervisor, Licensed ide a t and the Director Manager and the individual's uties or additional d. ed requalification rrect deficiencies. Retraining Program has not actively eriod of four dual has not met tablished in performance of in the licensed performance of ion of controls or power level of hsed activities of licensed to an operating s of Section 7.3.6 operations.
	26.0	

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	In the event that a licensed indivi maintain an active status, the Trai shall designate, subject to approva Plant Operations, a Licensed Senior conduct an oral examination similar format to an annual oral examinatio resuming licensed duties. In addit of performance in the current Pre-p Series shall be conducted. If perf Pre-planned Lecture Series is unsat written examination similar in scop the annual written examination (Sec be administered to the licensed ind resuming licensed duties. Consider given by the Manager, Plant Operati the licensed individual to a traini operating shift prior to resuming 1 The performance standards applied to requalification examination shall be evaluating the results of the oral examinations. If the performance s met, the licensed duties. Licensed duties may be resumed only certification by the Director TMI-1 forwarded to the NRC. Certification by the Director, TMI- when the individual has entered the watchstanding deficiencies, but has performed licensed duties within th (A) menthe	dual does not ning Coordinator 1 of the Manager, Operator to in scope and on prior to tion, evaluation lanned Lecture formance in the tisfactory, a be and format to tion 7.5.1) shall lividual prior to ration should be ons to assigning ng status on an icensed duties. to the annual be used in and written tandards are not complete an iprior to upon , which must be 1 is not required e program based on to the preceding four
7.6.3	Newly Licensed Individuals Newly licensed individuals shall en requalification program and partici annual program cycle upon receipt o Newly licensed individuals whose NR less than three (3) months prior to	nter the pate in the of their license. C license date is o an annual
7.7 <u>REQUALIFICATION</u> A requalification an annual batter	requalification examination are exc the annual written and oral examina <u>PROGRAM EVALUATION</u> on program review and evaluation sha is by the Supervisor, Licensed Oper massed by the review should include:	used from taking itions. Ill be conducted ator Training.

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		vicai	ADMINISTRATIVE MANUAL	6211-ADM-2611.U
Title	LICENSED	OPERATOR RE	QUALIFICATION	Revision No.
-	TRAINING	PROGRAM DES	SCRIPTION (UNIT 1)	1-00
	1)	Inspection training of	n, audit and evaluation reports of completed by outside organizations	requalification and facility
	2)	Licensed i	individual performance evaluations	related to licensed
	3)	Program or	ral and written examination results	
	4)	Plant oper	rational problems related to licens	sed individual
	5)	knowledge	or skills deficiencies.	
	5)	Licensee a	vent Reports related to licensed i	Individual
	6)	Changes in	ind assignments related to licens	and duties and/on
	-,	safety rel	ated functions of licensed operato	ors
	7)	Regulation	is and standards affecting licensed	d operator
		retraining		
	8)	Assessment	of licensed personnel performance	e deficiencies
	9)	Feedback f	rom Operations/Training meetings	, Plant Operations.
	- /	year.	tom operations, training meetings i	iera chroughout the
	Req	ualification	n program curriculum deficiencies a	and licensed
	oper	rator retrai	ning needs determined by the revie	ew shall be
	ide	ntified, rec	commended corrective actions struct	tured and a report
	rom	mulated for	review by the training organizatio	on through the
	thre	ough the Dir	rector TMI-1	organization
	Regi	ualification	program deficiencies or required	changes which need
	imme	ediate actio	on or significant program modificat	tion should be
	eva	luated by th	e Supervisor, Licensed Operator Tr	raining as soon as
	Supe	cticable. N ervisor, Lic	ecessary corrective action shall b ensed Operator Training and review	be structured by the wed as above.
	7.8 REOL	ALIFICATION	PROGRAM RECORDS	
	Reco	ords of lice	nsed individuals' performance in t	the requalification
	prog	gram shall b	e maintained in an auditable manne	er. The Supervisor,
	Lice	ensed Operat	or Training is responsible for est	tablishing the
	fol	lowing requa	lification program records:	
	2)	Ural and w	mination questions and answer key	in licensee.
	3)	Lecture se	ries attendance records.	5.
	4)	Lecture se	ries lesson plans.	
	5)	Plant dril	1 participation records.	
	6)	Reactivity	manipulation and plant evolution	participation
		records.		
	()	Simulator Training C	ontent Records.	
	The	se records s	hall be maintained by the Training	Department's
	Adm	inistrative	Support Section.	j o opur unerro a
	Oper and	maintained	iew series participation records s by the Operations Department.	shall be established
			28.0	

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TRAINING PROGRAM DESC	QUALIFICATION RIPTION (UNIT 1)	Revision No 1-00
	APPENDIX A	
	OFF SHIFT LICENSED OPERATOR	
	ATCH STANDING DOCUMENTATION	
I certify thatOff Sh	has s	atisfactorily
assumed and performed the (SS/SF/CRO duties (actual or under Circle One)	
instruction) for the 11-7/ (Cir	7-3/3-11 shift on cle One) Date	
	Shift Supervis	or