

## SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION

NUMBER GENERAL IP-8.9Q	REV. NO. 1
------------------------------	------------------

## INTERDEPARTMENTAL PROCEDURE

PAGE 1 OF 19

## LICENSED OPERATOR REQUALIFICATION

EFFECTIVE  
DATE

Sponsoring Department

Approval:

Manager, Nuclear Training

Date:

Concurrence:

Plant Manager, STPEGS

Date:

Concurrence:

General Manager, Nuclear Assurance

Date:

Concurrence:

General Manager, STP

Date:

<b>SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION</b>  INTERDEPARTMENTAL PROCEDURE  LICENSED OPERATOR REQUALIFICATION	NUMBER IP-8.9Q	REV. NO. 1
	PAGE 2 OF 19	
	EFFECTIVE DATE	

### 1.0 PURPOSE

This South Texas Project Electric Generating Station (STPEGS) Interdepartmental Procedure establishes the responsibilities associated with and provides instruction for the conduct of Licensed Senior Reactor Operator and Reactor Operator, Requalification. This training is provided to assure continuous operator competence and to ensure that the licenses' activities are conducted in compliance with the terms and conditions of their licenses, as well as the facility operating license.

### 2.0 SCOPE

This procedure applies to all NRC licensed personnel and all utility Certified Instructor personnel for this facility.

### 3.0 DEFINITIONS

3.1 Requalification Training - That training implemented to maintain licensed operators at a level of knowledge and proficiency required for continued safe operation of STPEGS. This training also assures that all training requirements are met for timely reapplication and renewal of licenses for Reactor Operators and Senior Reactor Operators.

3.2 Annually - 12 months  $\pm$  3 months not to exceed 36  $\pm$  3 months over a three year period.

3.3 Licensed Personnel or Licensee - All personnel who hold a current NRC license on STPEGS either RO or SRO, regardless of staff position.

3.4 On-the-Job training - That training required by this procedure, other than classroom training, required for completion of the Requalification program. OJT may include but is not limited to:

1. Control manipulations
2. Assigned required reading
3. Assigned simulator training

3.5 Utility Certified Personnel - STPEGS personnel who have been certified by the utility management as having completed a training program at the applicable RO or SRO level, including a final examination equivalent in scope to an NRC Licensed Operator written examination.

**SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION****INTERDEPARTMENTAL PROCEDURE****LICENSED OPERATOR REQUALIFICATION**

<b>NUMBER</b> IP-8.9Q	<b>REV. NO.</b> 1
<b>PAGE</b> 3 <b>OF</b> 19	
<b>EFFECTIVE DATE</b>	

**3.6 Active License**

An RO or SRO licensed individual who in the previous quarter has stood a minimum of seven 8-hour shifts or five 12-hour shifts in a watchstation position that requires the individual to be licensed as defined in Technical Specifications. To maintain an active SRO license an individual must stand an SRO position. To maintain an active RO license an individual must stand an RO position. If an SRO licensed individual stands RO watchstation and does not meet SRO requirements the license shall revert to inactive RO, inactive SRO and must meet the requirements of 6.5 to return to active SRO status.

**3.7 Inactive License**

A licensed individual who does not meet the watchstanding requirements of 3.6.

**4.0 REFERENCES**

- 4.1 10 CFR 55, "Operator Licenses" 1987
- 4.2 ANSI 3.1-1981, Selection, Qualification, and Training of Personnel for Nuclear Power Plants
- 4.3 NUREG 1021, "Operator Licensing Examiner Standard"
- 4.4 ANSI/ANS 18.1-1971
- 4.5 NUREG 0737 "Clarification of TMI Action Plan Statements"
- 4.6 NRC (H. Denton) letter - March, 1980
- 4.7 Final Safety Analysis Report, Section 13.2
- 4.8 IP-8.5, Training Waiver Requests

**5.0 RESPONSIBILITY****5.1 Nuclear Plant Operations Department****5.1.1 Vice President, Nuclear Plant Operations**

The Vice President, Nuclear Plant Operations certifies that all licensed individuals have completed the approved Requalification Program as required by Section 50.54 (i-1) of 10 CFR 50, and have discharged their licensed responsibilities competently and safely.

<b>SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION</b> INTERDEPARTMENTAL PROCEDURE LICENSED OPERATOR REQUALIFICATION	NUMBER IP-8 9Q	REV. NO. 1
	PAGE 4 OF 19	
	EFFECTIVE DATE	

### 5.1.2 Plant Manager

The Plant Manager assumes overall responsibility for the following:

5.1.2.1 Ensuring that an adequate number of licensed operators are available to operate the plant in accordance with regulations and attend Requalification training in accordance with this procedure.

5.1.2.2 Assuring that Requalification training, in accordance with this procedure, shall maintain technically competent licensed personnel.

### 5.1.3 Plant Operations Manager

The Plant Operations Manager is responsible for the following:

5.1.3.1 Reviewing the Licensed Operator Performance Evaluations (Attachment IP-8.9Q-02) conducted by the Plant Operations staff and forwarding a copy of those performance evaluations to the Manager, Operations Training Division (OTD).

5.1.3.2 Providing feedback to NTD, i.e., identifying needs for training.

5.1.3.3 Routing of required reading within NPOD when it is used for training purposes and forwarding the documented completion to NTD for records keeping.

5.1.3.4 Documenting reactivity manipulations performed by licensed personnel on the plant and forwarding that documentation to NTD for records keeping.

5.1.3.5 Providing assistance to the Manager, OTD in reviewing the content and scheduling of Requalification training to ensure availability to all licensed personnel and ensuring that licensed personnel are available to attend training for which they are scheduled.

5.1.3.6 Conducting OJT program.

5.1.3.7 Monitoring personnel performance and initiating or approving corrective action for non performance.

**SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION****INTERDEPARTMENTAL PROCEDURE****LICENSED OPERATOR REQUALIFICATION****NUMBER**

IP-8.9Q

**REV.****NO.**

1

**PAGE 5 OF 19****EFFECTIVE  
DATE**

5.1.3.8 Certifying licensee proficiency for Active License status.

5.1.3.9 Reporting any change in health of licensed personnel which may affect the validity of their licenses to the NRC.

5.1.3.10 Ensuring all licensees are renewed as required.

#### 5.1.4 NRC Licensed Personnel

Once the Requalification training schedule has been approved, all licensed personnel are responsible for:

5.1.4.1 Ensuring they complete the scheduled Requalification training.

5.1.4.2 Ensuring their licenses are renewed in a timely manner.

5.1.4.3 Reporting any change in health which may affect the validity of their licenses, as stipulated in 10 CFR 55, to the Plant Operation Manager.

#### 5.2 Nuclear Training Department

##### 5.2.1 Manager, Nuclear Training Department

The Manager, NTD is responsible for the following:

5.2.1.1 Ensuring the Requalification Training Program meets regulatory requirements and that the Nuclear Training Department conducts training in accordance with approved procedures.

5.2.1.2 Certifying that all licensed personnel have completed the approved Requalification program as required by Section 50.54 (i-1) of 10 CFR 50.

5.2.1.3 Ensuring Training Records are accurate and complete and maintained in accordance with NTP-106, Program Records.

##### 5.2.2 Manager, Operations Training Division

The Manager, OTD is responsible for the following:

<b>SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION</b> INTERDEPARTMENTAL PROCEDURE LICENSED OPERATOR REQUALIFICATION	NUMBER IP-8.9Q	REV. NO. 1
	PAGE 6 OF 19	
	EFFECTIVE DATE	

5.2.2.1 Establishing content and developing the overall Requalification Training Program.

5.2.2.2 Scheduling and conducting of training.

5.2.2.3 Evaluation of student progress during the program and submitting regular reports of progress to the Plant Operations Manager.

5.2.2.4 Reviewing the Licensed Operator Performance Evaluations (Attachment IP-8.9Q-02) for Licensed Instructors holding active licenses.

### 5.3 Licensed Operator Technical Advisory Council (LOTAC)

5.3.1 The LOTAC shall consist of the following:

Chairman - Manager, OTD or a designated representative,

NPOD Representative - Plant Operations Manager or a designated representative, and

EAD Representative - Supervisor, Educational Services or a designated representative.

5.3.2 The LOTAC shall be responsible for ensuring the technical accuracy, validity, and instructional soundness of the Licensed Operator Requalification Program in accordance with IP-8.1, Technical Advisory Councils.

## 6.0 REQUIREMENTS

### 6.1 Participation

6.1.1 All licensed personnel shall be required to participate in Requalification training.

6.1.2 Any newly licensed personnel shall enter the Requalification training program within 90 days of the effective date of their license or certification.

6.1.3 Any waivers of the scheduled Requalification training program shall be processed in accordance with IP-8.5. Additionally, all requests for waiver of Requalification training must be received by the Manager, OTD no later than 7 days prior to the date the training is scheduled.

<b>SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION</b>  INTERDEPARTMENTAL PROCEDURE  LICENSED OPERATOR REQUALIFICATION	NUMBER IP-8.9Q	REV. NO. 1
	PAGE 7 OF 19	
	EFFECTIVE DATE	

6.1.4 All licensed personnel shall participate in all portions of OJT as it pertains to their initial or requalification training.

6.1.5 All certified personnel shall participate in Requalification and OJT to the extent required to maintain their certification.

## 6.2 Requalification Training

Requalification training shall be conducted for a continuous period, not to exceed two years, and upon conclusion shall be promptly followed, pursuant to a continuous schedule, by successive requalification training. Requalification training shall consist of the following with emphasis placed on those areas where weaknesses have been demonstrated on previous license or requalification examinations:

- o Classroom Training
- o On-the-Job Training
- o Simulator Training
- o Self Study
- o Biennial Examination
- o Annual Evaluation
- o Annual Simulator Exam

### 6.2.1 Classroom Training

#### 6.2.1.1 Lectures

Classroom requalification training lectures shall be scheduled to be given throughout the requalification period. Periodic examinations shall be given at appropriate intervals to evaluate each individual's progress throughout the requalification program. A minimum of six preplanned lectures per year shall be scheduled to cover all subjects within a year that are necessary to maintain operator proficiency. Emphasis shall be placed on those areas where Requalification and/or license examinations indicate generic weaknesses in operator knowledge. The general subject areas to be covered on a biennial basis are:

- o Theory and Principles of Operation
- o General and Specific Plant Operating Characteristics



## SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION

## INTERDEPARTMENTAL PROCEDURE

## LICENSED OPERATOR REQUALIFICATION

NUMBER

IP-8.9Q

REV.

NO.

1

PAGE 8 OF 19

EFFECTIVE  
DATE

- o Plant Instrumentation and Control Systems
- o Plant Protection Systems
- o Engineered Safety Systems Features
- o Normal, Abnormal, and Emergency Operating Procedures
- o Radiation Control and Safety
- o Technical Specifications
- o Applicable portions of 10 CFR

In addition, pre-planned lectures may be conducted in those areas identified by the Training or Operations Department as needing special emphasis.

These may include, but are not limited to major design changes, I&E Bulletins, LERs, Operating Experience Reports, Procedure and Technical Specification changes.

Training aids, such as films and video tapes, may be used to conduct certain portions of the lecture series. These are particularly suitable to training on a specific piece of equipment or general information training. The use of such aids may be used only to supplement the lecture series and under no circumstances may they comprise more than 50% of the total lecture series. In addition, when utilizing supplemental training aids, the presentation shall be supervised by an instructor.

#### 6.2.1.2 Required Reading

During an assigned retraining week the Manager, OTD may assign items as required reading with time allotted for completion. These required reading assignments may include, but are not limited to the following:

- o Plant Procedures, Procedure Changes or New Procedures
- o Plant Design Changes
- o Plant License Changes
- o Operating Experience Reports
- o Portions of or changes to Technical Specifications

#### 6.2.2 On-the-Job Training

##### 6.2.2.1 Procedures



**SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION****INTERDEPARTMENTAL PROCEDURE****LICENSED OPERATOR REQUALIFICATION**

<b>NUMBER</b> IP-8.9Q	<b>REV. NO.</b> 1
<b>PAGE</b> 9 <b>OF</b> 19	
<b>EFFECTIVE DATE</b>	

Licensed and certified personnel (each shift cycle) may be assigned to read specific Off-Normal, Emergency, and/or Applicable Security procedures. These assignments shall be made by the Manager, OTD such that every two year requalification period, personnel participating in Requalification training shall have reviewed the contents of all Off-Normal, Emergency, and/or applicable Security procedures which are not utilized during the simulator training session or are not covered during the classroom training.

#### 6.2.2.2 Proficiency

All active licensed personnel must actively perform the functions of an RO or SRO on shift to maintain proficiency at the level of their license. The minimum time acceptable on shift is seven 8-hour shift days per quarter or five 12-hour shift days per quarter.

All certified personnel should actively engage in the day to day shift operations to the extent required by their certification.

**NOTE:** If SRO Licensed individuals maintain proficiency at the RO level only, they shall revert to Active Status RO License and Inactive Status SRO. To regain Active Status SRO, they must comply with 6.5. Requalification shall still be required to be conducted on the SRO level.

#### 6.2.2.3 Control Manipulations

All licensed personnel shall document the performance or supervision of the performance in the plant of any control manipulations required by section 6.2.3.1 of this procedure. Each entry into the control manipulation log shall be dated and initialed by the Shift Supervisor or Unit Supervisor on duty at the time of the control manipulation. Each completed control manipulation log sheet (Attachment IP-8.9Q-01) shall be forwarded to the Manager, OTD. The Manager, OTD may request that partially completed Control Manipulations Logsheets be forwarded to OTD for records tracking.

## SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION

## INTERDEPARTMENTAL PROCEDURE

## LICENSED OPERATOR REQUALIFICATION

NUMBER	REV. NO.
IP-8.9Q	1
PAGE 10 OF	19
EFFECTIVE DATE	

The Plant Operations Manager should, to the extent possible, rotate personnel with equivalent qualifications between different stations to maximize the variation of plant control manipulations performed on the plant.

A control manipulation which may be performed as part of normal plant evolutions shall either be performed on the plant or a simulator which reproduces the general operating characteristics of the plant.

## 6.2.3 Simulator Training

The purpose of simulator training is to assure that all licensed personnel demonstrate proficiency in plant manipulations, evolutions, and casualty operations. All RO licensed personnel shall manipulate the controls to accomplish the control manipulations required in section 6.2.3.1 of this procedure. All SRO licensed personnel shall either manipulate the controls or direct the activities of individuals during plant control manipulations.

Each control manipulation performed on the simulator shall be documented by the simulator instructor in charge of the training session.

NOTE: This procedure assumes the operability of the STPEGS plant specific simulator. If the STPEGS simulator is inoperable, control manipulations may be performed by:

1. Walkthrough actions in the control room or using simulator control boards.

All licensed and SRO certified personnel shall be assigned to a minimum of 40 hours of Simulator Training annually.

## 6.2.3.1 Control Manipulations

The following control manipulations and plant evolutions are acceptable for meeting the control manipulations required. The starred items are to be performed annually; all other items are to be performed on a two year cycle. At least one multiple failure casualty shall be included annually. The use of Technical Specifications should be maximized during simulator control manipulations.

## SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION

## INTERDEPARTMENTAL PROCEDURE

## LICENSED OPERATOR REQUALIFICATION

NUMBER

IP-8.9Q

REV.

NO.

1

PAGE 11 OF 19

EFFECTIVE  
DATE

- \* o Plant or reactor startups to include a range such that reactivity feedback from nuclear heat addition is noticeable and heatup rate is established.
- \* o Plant shutdown
- \* o Manual control of steam generators and/or feedwater during startup and shutdown
- \* o Boration and dilution during power operation
- \* o Any significant (10 percent) power changes with rod control in manual
- \* o Loss of coolant including:
  1. Significant steam generator tube leak
  2. Inside and outside containment
  3. Large and small, including leakrate determination
  4. Saturated reactor coolant response
- \* o Loss of instrument air
- \* o Loss of electrical power (or degraded power sources, or both)
- \* o Loss of core coolant flow/natural circulation
- \* o Loss of condenser vacuum
- \* o Loss of essential cooling water
- \* o Loss of all feedwater (normal and auxiliary)
  - o Loss of residual heat removal
  - o Loss of component cooling system or cooling to an individual component
  - o Loss of normal feedwater or normal feedwater system failure
  - o Loss of protective system channel

<b>SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION</b>  INTERDEPARTMENTAL PROCEDURE  LICENSED OPERATOR REQUALIFICATION	NUMBER IP-8.9Q	REV. NO. 1
	PAGE 12 OF 19	
	EFFECTIVE DATE	

- o Mispositioned control rod or and rods (or rod drops)
- o Inability to drive control rods
- o Conditions requiring the use of emergency boration
- o Fuel cladding failure or high activity in reactor coolant or off gas
- o Turbine or generator trip
- o Malfunction of automatic control system(s) which affect reactivity
- o Malfunction of reactor coolant pressure/volume control system
- o Reactor trip
- o Main steam line break (inside or outside containment)
- o Nuclear instrumentation failure(s)

### 6.3 Program Evaluation

6.3.1 Written examinations shall be administered at appropriate intervals throughout the Requalification Program. The Written examinations shall evaluate the subjects addressed by the preplanned lecture series and may include questions regarding any required reading which has been assigned to be completed.

The minimum acceptable grade is 80%. If a licensed individual scores less than 80%, they shall require additional retraining and reexamination.

If individuals score less than 70% or receive an unsatisfactory performance evaluation during the requalification year on the simulator, they shall be assigned to an Accelerated Requalification Program as described in 6.3.5.

**SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION****INTERDEPARTMENTAL PROCEDURE****LICENSED OPERATOR REQUALIFICATION**

<b>NUMBER</b> IP-8.9Q	<b>REV. NO.</b> 1
<b>PAGE</b> 13 <b>OF</b> 19	
<b>EFFECTIVE DATE</b>	

**6.3.2 License Performance Evaluations**

During each requalification year, each licensed individual shall be evaluated by their appropriate department head or his/her designee and document this evaluation using Attachment IP-8.9Q-02. This evaluation, in conjunction with supporting documentation from simulator observations (completed by NTD staff), shall be reviewed by the Manager, OTD.

If an area of unacceptable performance is noted, the Plant Operations Manager shall be notified. In addition, each individual that receives an unacceptable evaluation shall be entered into an accelerated Requalification training program as outlined in section 6.3.5 of this procedure.

**6.3.3 Biennial Examinations**

Biennial written Requalification exams shall be administered to all licensed personnel. The biennial written examination shall be comparable in scope and degree of difficulty to an NRC examination consistent with the type of license held.

**6.3.4 Simulator Evaluations**

Annual simulator evaluations shall be administered to all licensed personnel. These exams shall be comparable in scope and degree of difficulty to an NRC examination consistent with the type of license held.

**6.3.5 Accelerated Requalification Training**

Should operators score less than 70% on any section or less than 80% overall on the biennial Requalification examination or fail the simulator examination, they shall immediately be entered into and successfully complete accelerated requalification training. Accelerated Requalification training shall be determined on an individual basis by the Licensed Operator TAC.

The Plant Operations Manager shall take the necessary actions for the individual to be relieved of all licensed duties as defined by Technical Specifications until successful completion of the assigned accelerated Requalification Training Program.

<b>SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION</b>  INTERDEPARTMENTAL PROCEDURE  LICENSED OPERATOR REQUALIFICATION	NUMBER IP-8.9Q	REV. NO. 1
	PAGE 14 OF 19	
	EFFECTIVE DATE	

Accelerated Requalification training shall be given in the categories required or areas identified in the written or simulator examination. The assignment of accelerated Requalification training shall be made by means of a letter to the individual from the Manager of OTD via the Plant Operations Manager. Successful completion of the program shall be measured by a re-examination of individual categories, completing a comprehensive written examination and/or completing a simulator examination as appropriate. A score of at least 70% on each previously failed section or 80% overall must be achieved.

#### 6.4 Training Personnel

NTD personnel who hold Operator Licenses/Instructor certifications, and other license holders who conduct training (classroom or simulator) or evaluation (develop, administer, review for approval, or grade examinations either oral or written) shall be credited with successful completion of that portion of the Requalification program.

#### 6.5 Proficiency

If licensees have not been actively performing the functions of their license for the past quarter, the licensees shall not resume Active Status until he/they have completed a minimum of 40 hours of shift functions under the direction of an Operator or Senior Operator, as appropriate, and in the position to which they will be assigned. The 40 hours must have included a complete plant tour and all required shift turnover procedures. At the completion of required upgrade training the Plant Operations Manager or designee shall certify licensee's proficiency.

#### 6.6 Medical Requirements

Individuals holding an Active or Inactive License shall have a medical examination by a physician every two years. If during the term of the license, the licensee develops a physical or mental condition that causes the licensee to fail to meet the requirements of 10 CFR 55.33(a)(1), HL&P shall notify the NRC within 30 days. Medical documentation shall be maintained for a minimum of six years.



<b>SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION</b> INTERDEPARTMENTAL PROCEDURE LICENSED OPERATOR REQUALIFICATION	NUMBER IP-8.9Q	REV. NO. 1
	PAGE 15 OF 19	
	EFFECTIVE DATE	

#### 7.0 DOCUMENTATION

The following information shall be documented in accordance with NTP-106, Course and Individual Training Records, if applicable.

- 7.1 Copies of written exams including answers and results
- 7.2 Copies of oral exam results
- 7.3 Documentation of additional training received
- 7.4 Summation of individual deficiencies
- 7.5 Copy of performance evaluations conducted by the Reactor Operations staff

#### 8.0 ATTACHMENTS

- 8.1 Attachment IP-8.9Q-01, Control Manipulation Logsheet
- 8.2 Attachment IP-8.9Q-02, License Performance Evaluation





## SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION

## INTERDEPARTMENTAL PROCEDURE

## LICENSED OPERATOR REQUALIFICATION

NUMBER	REV. NO.
IP-8.9Q	1
PAGE 17 OF	19
EFFECTIVE DATE	

ATTACHMENT IP-8.9Q-01  
CONTROL MANIPULATION LOGSHEET  
 (Page 2 of 3)

\_\_\_\_\_  
 (NAME)

SS/US/INSTR  
INITIAL/DATES

- \* 8. Loss of instrument air. \_\_\_\_\_
- \* 9. Loss of electrical power sources (or degraded power sources, or both). \_\_\_\_\_
- \* 10. Loss of core coolant flow/natural circulation. \_\_\_\_\_
- \* 11. Loss of condenser vacuum. \_\_\_\_\_
- \* 12. Loss of Essential Cooling Water. \_\_\_\_\_
- \* 13. Loss of all feedwater (normal and auxiliary). \_\_\_\_\_
- 14. Loss of Residual Heat Removal. \_\_\_\_\_
- 15. Loss of Component Cooling System or cooling to an individual component. \_\_\_\_\_
- 16. Loss of normal feedwater or normal feedwater system failure. \_\_\_\_\_
- 17. Loss of a protective system channel. \_\_\_\_\_
- 18. Mispositioned control rod or rods (or rod drops). \_\_\_\_\_
- 19. Inability to drive control rods. \_\_\_\_\_
- 20. Conditions requiring the use of emergency boration. \_\_\_\_\_
- 21. Fuel cladding failure or high activity in reactor coolant or offgas. \_\_\_\_\_
- 22. Turbine or generator trip. \_\_\_\_\_
- 23. Malfunction of automatic control system(s) which affect reactivity. \_\_\_\_\_
- 24. Malfunction of reactor coolant pressure/volume control system. \_\_\_\_\_

<b>SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION</b>  <b>INTERDEPARTMENTAL PROCEDURE</b>  <b>LICENSED OPERATOR REQUALIFICATION</b>	<b>NUMBER</b>  IP-8.9Q	<b>REV. NO.</b>  1
	<b>PAGE</b> 18 <b>OF</b> 19	
	<b>EFFECTIVE DATE</b>	

ATTACHMENT IP-8.9Q-01  
CONTROL MANIPULATION LOGSHEET  
 (Page 3 of 3)

\_\_\_\_\_  
(NAME)

\_\_\_\_\_  
SS/US/INSTR  
INITIAL/DATES

25. Reactor Trip. \_\_\_\_\_
26. Main steamline break (inside or outside containment). \_\_\_\_\_
27. Nuclear Instrumentation failure(s). \_\_\_\_\_

NOTES:

- \* indicates annual requirement; all others required biannually
- All RO licensed personnel are required to manipulate the controls; All SRO personnel shall either manipulate the controls or direct the activities of individuals during plant control manipulations.

INSTRUCTIONS FOR COMPLETING FORM:

- Place name and social security number in Block I.
- Circle either RO or SRO.
- Have the Shift Supervisor or Unit Supervisor or Instructor on shift at the time of the control manipulation initial and date in the columns provided for the control manipulations completed.
- Forward completed forms to NTD.

<b>SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION</b> INTERDEPARTMENTAL PROCEDURE LICENSED OPERATOR REQUALIFICATION		NUMBER IP-8.9Q	REV. NO. 1
		PAGE 19 OF 19	
		EFFECTIVE DATE	

ATTACHMENT IP-8.9Q-02  
LICENSE PERFORMANCE EVALUATION

NAME: \_\_\_\_\_ RO \_\_\_\_\_ SRO \_\_\_\_\_

NOTE: Observation/Evaluation of Individual Operator Performance to include actions taken during actual or simulated, normal, abnormal, and emergency conditions.

Evaluation: Actual \_\_\_\_\_ Simulated \_\_\_\_\_

Description: \_\_\_\_\_  
 \_\_\_\_\_

Operator Performance: Satisfactory \_\_\_\_\_ Unsatisfactory \_\_\_\_\_

Comments: \_\_\_\_\_  
 \_\_\_\_\_

If Performance Unsatisfactory - Corrective Action Recommendation:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Evaluation Performed By: \_\_\_\_\_ Date \_\_\_\_\_

\*When complete forward Via Reactor Operations Manager to Manager OTD.

Reactor Operations Manager Review: \_\_\_\_\_ Date \_\_\_\_\_

Corrective Action Taken: \_\_\_\_\_  
 \_\_\_\_\_

Corrective Action Completed By: \_\_\_\_\_ Date \_\_\_\_\_

Reviewed:

\_\_\_\_\_  
 Manager OTD \_\_\_\_\_ Date \_\_\_\_\_ Reactor Operations Manager \_\_\_\_\_ Date \_\_\_\_\_