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Gentlemen:

Subject: VIRGIL C. SUMMER NUCLEAR STATION  
DOCKET NO. 50/395  
OPERATING LICENSE NO. NPF-12  
TRAINING AND QUALIFICATION PLAN, AMENDMENT 18

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South Carolina Electric & Gas Company, acting for itself and as agent for South Carolina Public Service Authority, submits four controlled copies of Amendment 18 to the Training and Qualification Plan under the provision of 10CFR50.54(p). A "Summary of Plan Changes" is included as part of each controlled copy.

If you have any questions, please contact Ms. Judy Wasieczko at (803) 345-4564.

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Very truly yours,

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Attachments

c: (Without Attachment unless noted)  
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RTS (RR 6300; O-L-99-0357)  
File (810.20-1)  
DMS (RC-00-0021)

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**NUCLEAR EXCELLENCE - A SUMMER TRADITION!**

SUMMARY OF PLAN CHANGES  
TRAINING AND QUALIFICATION PLAN  
AMENDMENT 18

1. General.

- A. Changes in plan text are indicated in **BOLD** print for easy reference. This change is considered as an enhancement to existing commitments which does not decrease the effectiveness of the plan.
- B. Revised Section 4-1 to delete the FBI Pistol Qualification Course and the FBI Revolver Qualification Course and substitute the NRA Modified Handgun Qualification Course. The new handgun qualification course is a nationally recognized course of fire and may be used to qualify with either the pistol or revolver, thereby simplifying the handgun qualification process.
- C. This Amendment affects the following pages of the Plan.

<u>Remove old page(s)</u>	<u>Insert Amendment 18 page(s)</u>
Title Page	Title Page
List of Effective Pages	List of Effective Pages
Pages 4-1 through 4-3	Pages 4-1 through 4-3
Page 4-6	

2. Changes.

Page 4-1. Section 4-1: Substituted the NRA Handgun Qualification Course for the FBI Revolver Qualification Course and the FBI Pistol Qualification Course. Changed the qualifying score from 75 percent to 70 percent in accordance to the NRA Handgun Qualification Course.

Page 4-2: Repaginated.

Page 4-3: Changed Figure 4-1 to reflect the NRA Handgun Qualification Course.

Page 4-6: This page deleted.

SOUTH CAROLINA ELECTRIC AND GAS COMPANY

VIRGIL C. SUMMER NUCLEAR STATION

NUCLEAR OPERATIONS


COPY NO. 202 A

TRAINING AND QUALIFICATION PLAN

AMENDMENT 18

December, 1999

APPROVED BY:



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General Manager, Nuclear Plant Operations

1/10/00

Date

LIST OF EFFECTIVE PAGES

<u>Page</u>	<u>Amendment/Date</u>	
CHAPTER 1.0		
1-1 through 1-7	15	06/97
CHAPTER 2.0		
2-1 through 2-31	15	06/97
2-32	16	09/98
2-33 through 2-39	15	06/97
CHAPTER 3.0		
3-1	15	06/97
CHAPTER 4.0		
4-1 through 4-3	18	12/99
4-4 through 4-5	15	06/97
CHAPTER 5.0		
5-1	15	06/97

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#### 4.0 WEAPONS QUALIFICATION/REQUALIFICATION

Each individual assigned to the Security Force who, by job designation, is authorized and/or required to carry a weapon, will be trained, qualified, and requalified on the type of weapon(s) assigned under the auspices of the Training and Qualification Program as set forth in Chapter 2 and further described herein. The results of weapons qualification and requalification shall be documented and certified to by the Manager, Nuclear Protection Services, or a licensee DA who is a member of the supervisory staff of the security organization. Such certification shall be retained in licensee files for a minimum of three years.

- 4.1 **HANDGUN QUALIFICATION:** Personnel armed with a handgun will qualify with a revolver or semiautomatic pistol of the same type and model assigned, by firing **the NRA Modified Handgun Qualification Course**, which is a nationally recognized course, and by participating in night firing for familiarization. Figure 4-1 reflects the **NRA Modified Handgun Qualification Course**. Qualifying score shall be an accumulated total of 70 percent of the maximum attainable score.
- 4.2 **SEMIAUTOMATIC RIFLE QUALIFICATION:** Personnel armed with a semiautomatic rifle will qualify with a rifle of the same type and model assigned by firing the rifle course described in FIGURE 4-2 which contains the qualification criteria specified in TABLE H-1 (Minimum Day Firing Criteria) Appendix H to 10CFR73, and by participating in night firing for familiarization. Qualifying score shall be an accumulated total of 70 percent of the maximum attainable score.
- 4.3 **SHOTGUN QUALIFICATION:** Personnel armed with a shotgun will qualify with a shotgun of the same type and model assigned, by firing the Nuclear Regulatory Commission (NRC) shotgun course, or an equivalent nationally recognized course, and by participating in night firing for familiarization. Figure 4-3 reflects the NRC Shotgun Course utilized for qualification purposes at the V. C. Summer Nuclear Station. A qualifying score shall require the placement of 51 of 72 pellets fired (70 percent) within the black silhouette of the targets engaged.

4.4 **REQUALIFICATION:** Personnel armed with a weapon(s) shall be requalified on the type weapon(s) assigned at least every 12 months in accordance with this Plan, and as set forth in Sections 4.1, 4.2, and 4.3, as applicable, excluding night firing for familiarization.

NRA MODIFIED HANDGUN QUALIFICATION COURSE				
STAGE	DISTANCE	POSITION	NUMBER OF ROUNDS	STAGE TIME
1	25 Yards	Kneeling, Strong Side Barricade Standing Left Hand Barricade Standing Right Hand Barricade	6 - Strong Hand 6 - Left Hand 6 - Right Hand	90 Seconds (includes lock-back reload in the case of the pistol)
2	15 Yards	Standing, Unsupported	12 - Strong Hand	30 Seconds
3	15 Yards	Standing, Unsupported	6 - Strong Hand	12 Seconds
4	7 Yards	Standing, Unsupported	12 - Strong Hand	25 Seconds
5	3 Yards	Standing, Instinctive	6 - Strong Hand Only 6 - Weak Hand Only	20 Seconds (includes a lock-back reload in the case of the pistol)
<p>NOTES: B-27 target used for all stages.  All stages start with weapon holstered, shooter in Interview Position.  Late shot deduct five points each.  Scoring = 70 percent of possible 100 percent. Sixty rounds, possible score 300. Eight ring or better - five points, 7 ring - four points, black - three points.</p>				

VIRGIL C. SUMMER NUCLEAR STATION  
SECURITY FORCE HANDGUN QUALIFICATION COURSE

FIGURE 4-1