

April 27, 1983

Docket No. 50-395

Mr. O. W. Dixon, Jr.
Vice President Nuclear Operations
South Carolina Electric & Gas Company
P.O. Box 764
Columbia, South Carolina 29218

Dear Mr. Dixon:

Subject: Issuance of Amendment No. 15 to Facility Operating
License NPF-12 Virgil C. Summer Nuclear Station,
Unit No. 1

The Nuclear Regulatory Commission has issued Amendment No. 15 to Facility Operating License NPF-12 for the Virgil C. Summer Nuclear Station, Unit No. 1 located in Fairfield County, South Carolina. This amendment is in response to your letter dated October 8, 1982. The other change requested in that letter will be addressed in a future amendment.

The amendment changes the Technical Specifications to reflect the additional fire protection equipment that has been installed, the actual location and number of fire detectors in the plant, and the location of water spray and sprinkler systems.

A copy of the related safety evaluation supporting Amendment No. 15 to Facility Operating License NPF-12 is enclosed. Also enclosed is a copy of a related notice which has been forwarded to the Office of the Federal Register for publication.

Sincerely,

S/
Elinor G. Adensam, Chief
Licensing Branch No. 4
Division of Licensing

Enclosures:

1. Amendment No. 15
2. Safety Evaluation
3. Federal Register Notice

cc w/enclosure:
See next page

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OFFICE	DL:LB #4:LA	DL:LB #4	DL:LB #4				
SURNAME	MDuncan/hmc	JHopkins	EAdensam				
DATE	4/18/83	4/18/83	4/25/83				

SUMMER

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Vice President, Nuclear Operations
South Carolina Electric & Gas Company
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Columbia, South Carolina 29218

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Chairman, Fairfield County Council
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Office of the Governor
Division of Administration
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Columbia, South Carolina 29201

Attorney General
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Columbia, South Carolina 29211

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Columbia, South Carolina 29201

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Radiation Facility
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Montgomery, Alabama 36193

EIS Review Coordinator
U.S. Environmental Protection Agency
Region IV
345 Courtland Street
Atlanta, Georgia 30308

OFFICE ▶							
SURNAME ▶							
DATE ▶							

SOUTH CAROLINA ELECTRIC & GAS COMPANY
SOUTH CAROLINA PUBLIC SERVICE AUTHORITY
DOCKET NO. 50-395
VIRGIL C. SUMMER NUCLEAR STATION, UNIT NO. 1
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 15
License No. NPF-12

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment to the Virgil C. Summer Nuclear Station, Unit No. 1 (the facility) Facility Operating License No. NPF-12 filed by the South Carolina Electric & Gas Company acting for itself and South Carolina Public Service Authority (the licensees), dated October 8, 1982, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations as set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the regulations of the Commission;
 - C. There is reasonable assurance: (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;
 - D. The issuance of this license amendment will not be inimical to the common defense and security or to the health and safety of the public;
 - E. The issuance of this license amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is hereby amended by page changes to the Technical Specifications as indicated in the attachments to this license amendment. Paragraph 2.C(2) of Facility Operating License No. NPF-12 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 15, are hereby incorporated into this license. South

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Carolina Electric & Gas Company shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

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Elinor G. Adensam, Chief
Licensing Branch No. 4
Division of Licensing

Enclosure:
Technical Specification
Changes

Date of Issuance: April 27, 1983

OFFICE	LA:DL:LB #4	DL:LB #4	DE:LB #4	AD:DL		
SURNAME	MDuncan/hmc	JHopkins	EAdensam	INovak		
DATE	4/18/83	4/18/83	4/21/83	4/25/83	4/24/83	

ATTACHMENT TO LICENSE AMENDMENT NO. 15

FACILITY OPERATING LICENSE NO. NPF-12

DOCKET NO. 50-395

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain a vertical line indicating the area of change.

Amended
Page

3/4 3-62
3/4 3-63
3/4 3-64
3/4 3-65
3/4 3-66
3/4 3-66a
3/4 3-66b
3/4 3-66c
3/4 3-66d
3/4 7-28
3/4 7-32
3/4 7-34

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SURNAME ▶
DATE ▶

TABLE 3.3-11

FIRE DETECTION INSTRUMENTS

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE*</u>		<u>TOTAL NUMBER OF INSTRUMENTS</u>	
	<u>HEAT</u>	<u>SMOKE</u>	<u>HEAT</u>	<u>SMOKE</u>
1. <u>REACTOR BUILDING</u>				
Zone 1 Elev. 412'				
Room 12-01 NE		2		3
Room 12-01 SE		2		3
Room 12-01 SW		2		3
Room 12-01 NW		2		3
Zone 2 Elev. 436'				
Room 12-03		1		2
Room 12-07		1		2
Room 12-08		1		2
Zone 3 Elev. 436'				
Room 36-01 NE		2		3
Room 36-01 SE		2		3
Room 36-01 NW		2		3
Room 36-01 SW		2		3
Zone 4 Elev. 462'				
Room 12-03		1		2
Room 12-07		1		2
Room 12-08		1		2
Zone 000 Elev. 495'				
Room 12-08		1		2
Zone 000 Elev. 514'				
Room 63-01 SE		2		3
Room 63-01 SW		1		2
Zone PPP Elev. 495'				
Room 12-03		1		2
Room 12-07		1		2
Zone PPP Elev. 514'				
Room 63-01 NE		1		1 [#]
Room 63-01 NW		3 [#]		6 [#]
2. <u>CONTROL BUILDING</u>				
Zone A Elev. 448'				
Room 48-02 (Cable Spreading Room-Upper)		17**		18**
Zone A Elev. 436'				
Room 36-03		3**		4**
Room 36-04		1**		2**

TABLE 3.3-11 (Cont.)

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE*</u>		<u>TOTAL NUMBER OF INSTRUMENTS</u>	
	<u>HEAT</u>	<u>SMOKE</u>	<u>HEAT</u>	<u>SMOKE</u>
2. <u>CONTROL BUILDING (Cont.)</u>				
Zone B Elev. 425'				
Room 25-02 (Cable Spreading Room-Lower)		10**		11**
Zone B Elev. 412'				
Room 12-03		3**		4**
Room 12-04		1**		2**
Room 12-04A		1**		1**
Zone B Elev. 400'				
Room 00-01		1**		1**
Room 00-01A		1**		1**
Zone F Elev. 463'				
Room 63-03		3**		4**
Room 63-04		1**		2**
Zone J Elev. 436'				
Room 36-01	2**		3**	
Room 36-02	2**		3**	
Zone J Elev. 448'				
Room 48-01	21**		22**	
Zone K Elev. 412'				
Room 12-02	2**		3**	
Zone K Elev. 425'				
Room 25-01	21**		22**	
Room 25-03	1**		2*	
Room 25-04	1**		2*	
Zone L Elev. 436'				
Room 36-11		4#		7#
Zone M Elev. 436'				
Room 36-10		1		2
Zone N Elev. 448'				
Room 48-02 (Cable Spreading Area For HVAC & MCB Cabinets)		13#		25#
Zone O Elev. 463'				
Room 63-02	1**		2**	
Zone P Elev. 463'				
Room 63-05 (main Control Board)		3#		6#
Zone R Elev. 463'				
Room 63-05 (HVAC Control Board)		1		1

TABLE 3.3-11 (Cont.)

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE*</u>		<u>TOTAL NUMBER OF INSTRUMENTS</u>	
	<u>HEAT</u>	<u>SMOKE</u>	<u>HEAT</u>	<u>SMOKE</u>
2. <u>CONTROL BUILDING (Cont.)</u>				
Zone S Elev. 448'				
Room 48-02 (Cable Spreading Area for HVAC & MCB Cabinets)		12#		23#
Zone T Elev. 436'				
Room 36-10	2***		3***	
Room 36-11	2***		23***	
Zone U Elev. 436'				
Room 36-09	2***		3***	
Zone I Elev. 436'				
Room 36-11		5#		10#
Zone VV Elev. 436'				
Room 36-09		1		2
Zone WW Elev. 463'				
Room 63-05		4#		8#
Room 63-06		1		1
Room 63-07		1		2
Room 63-09		1		1
Room 63-10		1		1
Room 63-11		1		1
Room 63-12		1		1
Room 63-13		1		1
Zone XX Elev. 463'				
Room 63-14		1		1
Room 63-15		1		1
Room 63-16		1		1
Room 63-17		1		1
Room 63-18		1		2
Room 63-19		1		1
Room 63-20		1		1
Room 63-21		1		1
Room 63-22		1		2
Room 63-23		1		1
Zone NNN Elev. 482'				
Room 82-01		4#		8#
Room 82-02		4#		7#
Room 82-03		2		3
Room 82-04		1		2
Zone TTT Elev. 412'				
Room 12-11		1		2

TABLE 3.3-11 (Cont.)

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE*</u>		<u>TOTAL NUMBER OF INSTRUMENTS</u>	
	<u>HEAT</u>	<u>SMOKE</u>	<u>HEAT</u>	<u>SMOKE</u>
<u>INTERMEDIATE BUILDING (Cont.)</u>				
3. <u>EAST PENETRATION ACCESS AREA</u>				
Zone JJ Elev. 412'				
Room 12-02		5 [#]		10 [#]
Zone LL Elev. 436'				
Room 36-02		5 [#]		10 [#]
4. <u>WEST PENETRATION AREA</u>				
Zone Y Elev. 412'				
Room 12-01		4 [#]		8 [#]
Zone DD Elev. 436'				
Room 36-01		4 [#]		8 [#]
Zone II Elev. 463'				
Room 63-01		2 [#]		3 [#]
Room 63-03		3 [#]		6 [#]
5. <u>INTERMEDIATE BUILDING</u>				
Zone AA Elev. 412'				
Room 12-02		15**		16**
Room 12-02 W		4**		5**
Room 12-02 S		1**		1**
Room 12-09		1**		1**
Room 12-13 A		1**		1**
Room 12-13 B		1**		1**
Room 12-13 C		1**		1**
Zone BB Elev. 412'				
Room 12-02		10**		11**
Room 12-02 E		6**		7**
Room 12-10		1**		1**
Zone CC Elev. 436'				
Room 36-02 SW		3**		4**
Zone FF Elev. 423'-6"				
Room 236-01		3 [#]		5 [#]
Zone GG Elev. 412'				
Room 12-03		1		1
Room 12-04		1		1
Room 12-05		1		2
Room 12-06		1		2
Room 12-07		1		1
Room 12-08		1		1
Room 12-12		1		1
Room 12-14		1		1
Room 12-15		1		1

TABLE 3.3-11 (Cont.)

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE*</u>		<u>TOTAL NUMBER OF INSTRUMENTS</u>	
	<u>HEAT</u>	<u>SMOKE</u>	<u>HEAT</u>	<u>SMOKE</u>
5. <u>INTERMEDIATE BUILDING (Cont.)</u>				
Zone KK Elev. 412'				
Room 12-09		1		1
Zone KK Elev. 423'				
Room 23-01		2 [#]		4 [#]
Room 23-02		2 [#]		4 [#]
Zone KK Elev. 436'				
Room 36-01		2		3
Zone MM Elev. 463'				
Room 63-01		4 [#]		8 [#]
Room 63-02		3 [#]		6 [#]
Room 63-03		1		2
Zone PP Elev. 436'				
Room 36-02		8 [#]		16 [#]
Room 36-03 (CREP)		1		2
Room 36-03 A (CREP)		1		2
Room 36-03 B		1		2
Room 36-04		1		1
Zone MMM Elev. 451'				
Room 51-01		3 [#]		6 [#]
Room 51-02		3 [#]		6 [#]
Room 51-03		1		2
Room 51-04		1		2
Zone FFF Elev. 436'				
Room 36-02		8 [#]		16 [#]
Room 36-02 E		1		1
Zone UUU Elev. 426'				
Room 26-01		2 [#]		4 [#]
Room 26-02		2 [#]		4 [#]
6. <u>AUXILIARY BUILDING</u>				
Zone Q Elev. 436'				
Room 36-18		2 [#]		4 [#]
Zone HH Elev. 463'				
Room 63-01		1		2
Room 63-04		1		1
Room 63-06		1		2
Room 63-17		1		1

TABLE 3.3-11 (Cont.)

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE*</u>		<u>TOTAL NUMBER OF INSTRUMENTS</u>	
	<u>HEAT</u>	<u>SMOKE</u>	<u>HEAT</u>	<u>SMOKE</u>
6. <u>AUXILIARY BUILDING (Cont.)</u>				
Zone QQ Elev. 452'				
Room 52-01		1		1
Room 52-02		1		1
Zone RR Elev. 463'				
Room 63-16		2**		3**
Room 63-19		1**		1**
Zone ZZ Elev. 374'				
Room 74-12		1		1
Room 74-16		2		3
Room 74-17		2		3
Zone AAA Elev. 388'				
Room 88-23		1		1
Room 88-24		1		1
Room 88-25		1		1
Zone AAA Elev. 397'				
Room 97-02		3 [#]		6 [#]
Room 97-02 N		1		1
Room 97-02 S		1		2
Zone BBB Elev. 388'				
Room 88-05		1		2
Room 88-13 N		2		3
Room 88-13 NE		1		1
Room 88-13 S		1		1
Zone BBB Elev. 397'				
Room 97-01		1		2
Zone BBB Elev. 400'				
Room 00-01 W		1		1
Room 00-02 E		2		3
Zone CCC Elev. 463'				
Room 63-09		2		3
Room 63-14		1		2
Zone EEE Elev. 374'				
Room 74-01		1		2
Room 74-07		1		2
Room 74-08		2 [#]		3 [#]
Room 74-09		3 [#]		5 [#]
Room 74-18		1		1
Zone GGG Elev. 400'				
Room 00-01		3 [#]		6 [#]

TABLE 3.3-11 (Cont.)

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE*</u>		<u>TOTAL NUMBER OF INSTRUMENTS</u>	
	<u>HEAT</u>	<u>SMOKE</u>	<u>HEAT</u>	<u>SMOKE</u>
6. <u>AUXILIARY BUILDING (Cont.)</u>				
Zone HHH Elev. 412'				
Room 293-01 W		1		1
Room 12-06		1		1
Zone HHH Elev. 426'				
Room 26-01		5 [#]		10 [#]
Room 26-02 W		1		1
Room 26-02 S		1		1
Zone III Elev. 412'				
Room 12-02		1		1
Room 12-03 A		1		1
Room 12-09		1		1
Room 12-11 N		1		1
Room 12-15		1		1
Room 12-18		1		1
Room 12-28		1		1
Room 12-31		1		1
Zone JJJ Elev. 412'				
Room 12-02		1		1
Room 12-11		4 [#]		7 [#]
Room 12-11 N		1		1
Zone LLL Elev. 436'				
Room 36-33 N		2		3
Room 36-18		2		3
Zone RRR Elev. 388'				
Room 88-05		1		1
Room 88-13		1		2
Room 88-13 S		1		1
Room 88-16		1		1
Zone WWW Elev. 448'				
Room 48-01		3 [#]		5 [#]
Zone WWW Elev. 446'				
Room 46-01		1		1

TABLE 3.3-11 (Cont.)

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE*</u>		<u>TOTAL NUMBER OF INSTRUMENTS</u>	
	<u>HEAT</u>	<u>SMOKE</u>	<u>HEAT</u>	<u>SMOKE</u>
6. <u>AUXILIARY BUILDING (Cont.)</u>				
Zone YYY Elev. 412'				
Room 12-05		1		1
Room 12-27		1		1
Room 12-30		1		1
Zone ZZZ Elev. 445'				
Room 45-01		1		1
Zone ZZZ Elev. 436'				
Room 36-01		1		1
Room 36-03		1		2
Room 36-31		1		1
Room 36-33 S		1		2
7. <u>FUEL HANDLING BUILDING</u>				
Zone EE Elev. 436'				
Room 36-01 W		2		3
Room 36-01 E		1		1
Zone EE Elev. 443'-6"				
Room 436-01		1		1
Zone TT Elev. 463'				
Room 63-01		5 [#]		10 [#]
Room 63-01 N		5 [#]		10 [#]
Zone UU Elev. 463'				
Room 63-01		7 [#]		13 [#]
Room 63-01 S		5 [#]		9 [#]
Zone YY Elev. 412'				
Room 12-01		2 [#]		4 [#]
8. <u>SERVICE WATER PUMPHOUSE</u>				
Zone NN Elev. 425'				
Room 25-04		1 [#]		2 [#]
Room 25-05		3 [#]		6 [#]
Zone 00 Elev. 441'				
Room 41-02		1**		1**
Zone 00 Elev. 436'				
Room 36-01		8**		9**

TABLE 3.3-11 (Cont.)

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE*</u>		<u>TOTAL NUMBER OF INSTRUMENTS</u>	
	<u>HEAT</u>	<u>SMOKE</u>	<u>HEAT</u>	<u>SMOKE</u>
Zone DDD Elev. 441'				
Room 41-01		3 [#]		5 [#]
Room 41-01 A		1		1
Zone VVV Elev. 425'				
Room 25-03		1		1
9. <u>DIESEL GENERATOR BUILDING</u>				
Zone DG Elev. 436'				
Room 36-01	1**		2**	
Room 36-02	1**		2**	
Room 36-03	7**		8**	
Room 36-04	7**		8**	
Zone DG Elev. 427'				
Room 27-03	1**		1**	
Room 27-04	1**		1**	
Zone KKK Elev. 400'				
Room 00-01		1		1
Room 00-02		1		1
Zone KKK Elev. 427'				
Room 27-01		1		1
Room 27-02		1		1
Room 27-03		2		3
Room 27-04		2		3

*The fire detection instruments located within the Reactor Building are not required to be operable during performance of Type A Containment Leakage Rate Tests.

**Automatically Actuates Preaction Sprinkler System.

***Automatically Actuates Low Pressure CO₂ System.

PLANT SYSTEMS

SPRAY AND/OR SPRINKLER SYSTEMS

LIMITING CONDITION FOR OPERATION

3.7.9.2 The following spray and/or sprinkler systems shall be OPERABLE:

- a. Fuel Handling Building Charcoal Filter Plenums
- b. Control Room Emergency Charcoal Filter Plenums
- c. Diesel Fire Pump Room Wet Pipe Sprinkler System
- d. Diesel Generator Building Preaction Sprinkler System
- e. Control Building Preaction Sprinkler System
- f. Service Water Pump House Preaction Sprinkler System
- g. Intermediate Building Preaction Sprinkler System
- h. Auxiliary Building Preaction Sprinkler System

APPLICABILITY: Whenever equipment protected by the spray/sprinkler system is required to be OPERABLE.

ACTION:

- a. With one or more of the above required spray and/or sprinkler systems inoperable, within one hour establish a continuous fire watch with backup fire suppression equipment for those areas in which redundant systems or components could be damaged; for other areas, establish an hourly fire watch patrol. Restore the system to OPERABLE status within 14 days or, in lieu of any other report required by Specification 6.9.1, prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within the next 30 days outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the system to OPERABLE status.
- b. The provisions of Specification 3.0.3 and 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

4.7.9.2 Each of the above required spray and/or sprinkler systems shall be demonstrated OPERABLE:

- a. At least once per 31 days by verifying that each valve (manual, power operated or automatic) in the flow path is in its correct position.
- b. At least once per 12 months by cycling each testable valve in the flow path through at least one complete cycle of full travel.

PLANT SYSTEMS

TABLE 3.7-5
FIRE HOSE STATIONS

<u>LOCATION*</u>	<u>ELEVATION</u>	<u>HOSE REEL/RACK IDENTIFICATION**</u>
Auxiliary Building	374	4138, 4140, 4142
"	388	4144, 6764, 4145
"	412	6766, 6761, 6763
"	436	6783, 6769, 4148, 4147
"	463	6784, 6755, 4149
"	397	4143
Reactor Building	412	6778, 6780, 6776
"	436	6777, 6782
"	463	6781, 6779
Fuel Handling Building	436	6802
"	463	6804, 6807
Control Building	412	6812, 6813
"	425	4067, 4069
"	436	6808, 6814
"	448	4068, 4070
"	463	6809, 6933
"	482	6815, 6810
Intermediate Building	412	4128, 4121, 4122
"	436	4129, 4124, 4123
"	463	4130

*List all Fire Hose Stations required to ensure the OPERABILITY of safety related equipment.

**Identified by isolation valve number

PLANT SYSTEMS

TABLE 3.7-6

YARD FIRE HYDRANTS AND ASSOCIATED HYDRANT HOSE HOUSES

<u>LOCATION</u>	<u>HYDRANT NUMBER*</u>	<u>EQUIPMENT I.D.</u>
West of Service Water Pumphouse	3	AFX-1N-FS
North of Diesel Generator Building	2	AFX-1M-FS

*These hydrant numbers are the numbers physically indicated on the hydrant houses.

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 15 TO FACILITY OPERATING LICENSE NPF-12

SOUTH CAROLINA ELECTRIC & GAS COMPANY
SOUTH CAROLINA PUBLIC SERVICE AUTHORITY

INTRODUCTION

By Attachment II to their letter dated October 8, 1982, the licensees proposed amendments to the Virgil C. Summer Technical Specifications to incorporate:

1. The addition of a yard fire hydrant and hose house;
2. The installation of additional fire hose stations;
3. Corrections to Table 3.3-11 to reflect the actual location and number of fire detectors in the plant; and
4. Clarification of the location of water spray and sprinkler systems.

The licensees proposed these changes to bring up to date the current Technical Specifications to reflect the additional fire protection equipment that has been installed. In addition, the modifications concerning the location of water spray and sprinkler systems are necessary to avoid the use of potentially misleading plant elevations.

EVALUATION

The proposed amendment has no safety significance other than to permit the Technical Specifications to accurately reflect conditions as they now exist in the plant and to avoid the use of elevations which may obscure the actual location of water spray and sprinkler systems. With regard to the revisions of Table 3.3-11, they do not affect the evaluation of the fire detection systems as detailed in the Safety Evaluation Report and supplements, and are acceptable.

ENVIRONMENTAL CONSIDERATION

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

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CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered, does not create the possibility of an accident of a type different from any evaluated previously, and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributors: Jon B. Hopkins, Licensing Branch No. 4, DL
Dennis J. Kubicki, Chemical Engineering Branch, DE

Date: April 27, 1983

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UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-395VIRGIL C. SUMMER NUCLEAR STATION, UNIT NO. 1NOTICE OF ISSUANCE OF AMENDMENT TOFACILITY OPERATING LICENSE NO. NPF-12

The U.S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 15 to Facility Operating License No. NPF-12, issued to South Carolina Electric & Gas Company and South Carolina Public Service Authority (the licensees) for the Virgil C. Summer Nuclear Station, Unit No. 1 (the facility) located in Fairfield County, South Carolina. The amendment changes the Technical Specifications to reflect the additional fire protection equipment that has been installed, the actual location and number of fire detectors in the plant, and the location of water spray and sprinkler systems.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations. The Commission has made appropriate findings as required by the Act and the Commission's regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

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For further details with respect to this action, see (1) South Carolina Electric & Gas Company letter, dated October 8, 1982, (2) Amendment No. 15 to Facility Operating License No. NPF-12 with Appendix A Technical Specifications page changes, and (3) the Commission's related Safety Evaluation.

All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C. 20555 and the Fairfield County Library, Garden and Washington Streets, Winnsboro, South Carolina 29180. A copy of Amendment No. 15 may be obtained upon request addressed to the U.S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 27th day of April 1983.

FOR THE NUCLEAR REGULATORY COMMISSION

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Elinor G. Adensam, Chief
Licensing Branch No. 4
Division of Licensing

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*FTN and
amendment only*

April 27, 1983

AMENDMENT NO. 15 TO FACILITY OPERATING LICENSE NPF-12 - Virgil C. Summer Unit 1

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