



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

Docket No. 50-395

JUN 15 1984

Mr. O. W. Dixon, Jr.  
Vice President, Nuclear Operations  
South Carolina Electric & Gas Company  
P.O. Box 764 (Mail Code F-04)  
Columbia, South Carolina 29218

Dear Mr. Dixon:

Subject: Issuance of Order Confirming Licensee Commitments  
on Emergency Response Capability

The Commission has issued the enclosed Order confirming your commitments on emergency response capability for the Virgil C. Summer Nuclear Station, Unit No 1. This Order is based on your letters dated April 15, May 16, July 21, and December 28, 1983, and April 4, 1984, committing to the actions specified in the Order.

A copy of this Order is being filed with the Office of the Federal Register for publication.

Sincerely,

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

Enclosure:  
Order

cc w/encl:  
See next page

DESIGNATED ORIGINAL

Certified By

SUMMER

Mr. O. W. Dixon, Jr.  
Vice President, Nuclear Operations  
South Carolina Electric & Gas Company  
P.O. Box 764 (Mail Code F-04)  
Columbia, South Carolina 29218

cc: Mr. Henry Cyrus  
Senior Vice President  
South Carolina Public Service Authority  
223 North Live Oak Drive  
Moncks Corner, South Carolina 29461

J. B. Knotts, Jr., Esq.  
Debevoise & Liberman  
1200 17th Street, N.W.  
Washington, D. C. 20036

Mr. Mark B. Whitaker, Jr.  
Group Manager - Nuclear Engineering  
& Licensing  
South Carolina Electric & Gas Company  
P.O. Box 764  
Columbia, South Carolina 29218

Resident Inspector/Summer NPS  
c/o U.S. Nuclear Regulatory Commission  
Route 1, Box 64  
Jenkinsville, South Carolina 29065

James P. O'Reilly, Regional Administrator  
U.S. Nuclear Regulatory Commission,  
Region II  
101 Marietta Street  
Atlanta, Georgia 30303

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

Chairman, Fairfield County Council  
P.O. Box 293  
Winnsboro, South Carolina 29180

State Clearinghouse  
Office of the Governor  
Division of Administration  
1205 Pendleton Street, 4th Floor  
Columbia, South Carolina 29201

Attorney General  
Box 11549  
Columbia, South Carolina 29211

Mr. Heyward G. Shealy, Chief  
Bureau of Radiological Health  
South Carolina Department of Health  
and Environmental Control  
2600 Bull Street  
Columbia, South Carolina 29201

Director, Eastern Environmental  
Radiation Facility  
U.S. Environmental Protection Agency  
P.O. Box 3009  
Montgomery, Alabama 36193

OFFICE ▶	.....	.....	.....	.....	.....	.....	.....
SURNAME ▶	.....	.....	.....	.....	.....	.....	.....
DATE ▶	.....	.....	.....	.....	.....	.....	.....

JUN 15 1984

ORDER - Virgil C. Summer Unit 1

DISTRIBUTION w/enclosures:

Docket No. 50-395  
LB #4 r/f  
J. Hopkins  
M. Duncan  
OELD (CYR)  
E. Adensam  
R. Hartfield, MPA  
R. Diggs, ADM  
D. Eisenhut/R. Purple  
J. Souder  
T. Barnhart (4)  
J. M. Taylor, DPR: I&E  
E. L. Jordan, DEQA: I&E  
L. Harmon, I&E  
D. Brinkman, SSPB  
H. Denton

bcc w/enclosures:

NRC PDR  
Local PDR  
NSIC  
TERA  
A. Rosenthal, ASLAB  
ASLBP  
ACRS (16)  
W. Jones (10)

DEFI GMAINED ORIGINAL

Certified By *[Signature]*

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of )  
 )  
SOUTH CAROLINA ELECTRIC AND GAS )  
COMPANY )  
SOUTH CAROLINA PUBLIC SERVICE )  
AUTHORITY )  
(Virgil C. Summer Nuclear Station) )

Docket No. 50-395

ORDER CONFIRMING LICENSEE COMMITMENTS  
ON EMERGENCY RESPONSE CAPABILITY

I.

South Carolina Electric and Gas Company (SCE&G) and South Carolina Public Service Authority (the licensees) are the holders of Facility Operating License NPF-12 which authorizes the operation of the Virgil C. Summer Nuclear Station, (the facility) at steady-state power levels not in excess of 2775 megawatts thermal. The facility is a pressurized water reactor (PWR) located in Fairfield County, South Carolina.

II.

Following the accident at Three Mile Island Unit No. 2 (TMI-2) on March 28, 1979, the Nuclear Regulatory Commission (NRC) staff developed a number of proposed requirements to be implemented on operating reactors and on plants under construction. These requirements include Operational Safety, Siting and Design, and Emergency Preparedness and are intended to provide substantial additional protection in the operation of nuclear facilities and significant upgrading of emergency response capability based on the experience from the accident at TMI-2 and the

official studies and investigations of the accident. The requirements are set forth in NUREG-0737, "Clarification of TMI Action Plan Requirements," and in Supplement 1 to NUREG-0737, "Requirements for Emergency Response Capability." Among these requirements are a number of items consisting of emergency response facility operability, emergency procedure implementation, addition of instrumentation, possible control room design modifications, and specific information to be submitted.

On December 17, 1982, a letter (Generic Letter 82-33) was sent to all licensees of operating reactors, applicants for operating licenses, and holders of construction permits enclosing Supplement 1 to NUREG-0737. In this letter operating reactor licensees and holders of construction permits were requested to furnish the following information, pursuant to 10 CFR 50.54(f), no later than April 15, 1983:

- (1) A proposed schedule for completing each of the basic requirements for the items identified in Supplement 1 to NUREG-0737, and
- (2) A description of plans for phased implementation and integration of emergency response activities including training.

### III.

SCE&G responded to Generic Letter 82-33 by letter dated April 15, 1983. By letters dated May 16, July 21, and December 28, 1983, and April 4, 1984, SCE&G updated their original response. In these submittals, SCE&G made commitments to complete the basic requirements. The attached Table summarizing SCE&G's schedular commitments or status was developed by NRC staff from the Generic Letter and the information provided by SCE&G.

SCE&G's commitments include (1) dates for providing required submittals to the NRC, (2) dates for implementing certain requirements, and (3) a schedule for providing implementation dates for other requirements. These latter implementation dates will be reviewed, negotiated, and confirmed by a subsequent order.

The NRC staff finds that the licensee's dates are reasonable, achievable dates for meeting the Commission requirements. The NRC staff concludes that the schedule proposed by the licensee will provide timely upgrading of the licensee's emergency response capability.

In view of the foregoing, I have determined that the implementation of SCE&G's commitments are required in the interest of the public health and safety and should, therefore, be confirmed by an immediately effective Order.

IV.

Accordingly, pursuant to Sections 103, 161i, 161o and 182 of the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR Parts 2 and 50, IT IS HEREBY ORDERED, EFFECTIVE IMMEDIATELY, THAT the licensees shall:

Implement the specific items described in the Attachment to this ORDER in the manner described in SCE&G's submittals noted in Section III herein no later than the dates in the Attachment.

Extensions of time for completing these items may be granted by the Director, Division of Licensing, for good cause shown.

V.

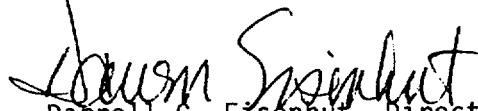
The licensees may request a hearing on this Order within 20 days of the date of publication of this Order in the Federal Register. Any request for a hearing

should be addressed to the Director, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. A copy should also be sent to the Executive Legal Director at the same address. A REQUEST FOR HEARING SHALL NOT STAY THE IMMEDIATE EFFECTIVENESS OF THIS ORDER.

If a hearing is to be held, the Commission will issue an Order designating the time and place of any such hearing.

If a hearing is held concerning this Order, the issue to be considered at the hearing shall be whether the licensees should comply with the requirements set forth in Section IV of this Order. This Order is effective upon issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Darrell G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland,  
this 15 day of June 1984

Attachment:  
Licensee's Commitments on  
Requirements Specified in  
Supplement 1 to NUREG-0737

LICENSEE'S COMMITMENTS ON SUPPLEMENT 1 TO NUREG-0737

TITLE	REQUIREMENT	LICENSEE'S COMPLETION SCHEDULE (OR STATUS)
1. Safety Parameter Display System (SPDS)	1a. Submit a safety analysis and an implementation plan to the NRC.	Complete
	1b. SPDS fully operational and operators trained.	12/31/85
2. Detailed Control Room Design Review (DCRDR)	2a. Submit a program plan to the NRC.	Complete
	2b. Submit a summary report to the NRC including a proposed schedule for implementation.	4/15/85
3. Regulatory Guide 1.97 - Application to Emergency Response Facilities	3a. Submit a report to the NRC describing how the requirements of Supplement 1 to NUREG-0737 have been or will be met.	4/15/85
	3b. Implement (installation or upgrade) requirements.	Complete



LICENSEE'S COMMITMENTS ON SUPPLEMENT 1 TO NUREG-0737

TITLE	REQUIREMENT	LICENSEE'S COMPLETION SCHEDULE (OR STATUS)
4. Upgrade Emergency Operating Procedures (EOPs)	4a. Submit a Procedures Generation Package to the NRC.	12/30/84
	4b. Implement the upgraded EOPs.	10/84*
5. Emergency Response Facilities	5a. Technical Support Center fully functional.	Complete
	5b. Operational Support Center fully functional.	Complete
	5c. Emergency Operations Facility fully functional.	Primary EOF - Complete Backup EOF - 25 mile location under staff review.C

\*Where completion date refers to a refueling outage (the estimated date when the outage begins), the item will be completed prior to the restart of the facility.