

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE BOX 764

COLUMBIA, SOUTH CAROLINA 29218

T. C. NICHOLS, JR.  
VICE PRESIDENT AND GROUP EXECUTIVE  
NUCLEAR OPERATIONS

May 12, 1982

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

Subject: Virgil C. Summer Nuclear Station  
Docket No. 50/395  
Fire Protection

Dear Mr. Denton:

Installation of the new smoke detection equipment is scheduled for completion by the end of the first refueling outage. Due to the scope and magnitude of the action, relief from compliance with current Technical Specification 3.3.3.7 is requested. In lieu of the current Technical Specification 3.3.3.7 the enclosed, interim, Technical Specification 3.3.3.7 is proposed.

The enclosed Technical Specification will provide for a program which is administrable and will provide an effective and comprehensive fire detection program.

To implement this proposed item it will be necessary for South Carolina Electric and Gas Company to provide a sixteen person fire watch group. This is based on the assumption that it will require three fire watches per shift to cover the areas. To cover one area it will require:

1 year	= 8760 hours
1 man year	= 2080 hours
$8760 \div 2080$	= 4.2 man years (5)
5 man years x 3 areas	= 15 fire watches
15 fire watches	= 1 supervisor
15 + 1	= 16 total people

The implementation of these measures will provide positive defense against fire and be consistent with Station ALARA considerations.

If you have any questions, please let us know.

Very truly yours,

*T. C. Nichols, Jr.*  
T. C. Nichols, Jr.

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Enclosure

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Mr. Harold R. Denton

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cc: V. C. Summer  
G. H. Fisher  
H. N. Cyrus  
M. B. Whitaker, Jr.  
J. P. O'Reilly  
H. T. Babb  
D. A. Nauman  
C. L. Ligon (NSRC)  
W. A. Williams, Jr.  
R. B. Clary  
O. S. Bradham  
A. R. Koon  
M. N. Browne  
G. J. Braddick  
J. L. Skolds  
J. B. Knotts, Jr.  
B. A. Bursey  
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File