

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29216

O. W. DIXON, JR.  
VICE PRESIDENT  
NUCLEAR OPERATIONS

July 31, 1984

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

Subject: Virgil C. Summer Nuclear Station  
Docket No. 50/395  
Operating License No. NPF-12  
Spent Fuel Pool Modification  
Accident Evaluation

Dear Mr. Denton:

On January 28, 1984, South Carolina Electric and Gas Company (SCE&G) submitted a proposal to rerack the spent fuel pool at the Virgil C. Summer Nuclear Station. As a result of the review process, a question was raised by the Staff in June 1984 concerning the effect of extended burnup fuel in the postulated fuel handling accident outlined in Section 15.7.4 of the Standard Review Plan. This letter is provided in response to this concern.

Westinghouse topical report, "Extended Burnup Evaluation of Westinghouse Fuel," July 1984, WCAP-10125, addresses the impact, including that on the fuel handling accident, of utilizing extended fuel burnups of up to 48,000 MWD/MTU discharge region average. A plant specific evaluation has been performed based on the conclusions of WCAP-10125 and has indicated the impact of increased fuel burnup in the fuel handling accident is insignificant for the Virgil C. Summer Nuclear Station.

If you have any questions, please advise.

Very truly yours,



O. W. Dixon, Jr.

AMM/OWD/gj

cc: (see page #2)

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Mr. Harold R. Denton  
Spent Fuel Pool Modification  
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cc: V. C. Summer  
T. C. Nichols, Jr./O. W. Dixon, Jr.  
E. H. Crews, Jr.  
E. C. Roberts  
W. A. Williams, Jr.  
D. A. Nauman  
J. P. O'Reilly  
Group Managers  
O. S. Bradham  
C. A. Price  
C. L. Ligon (NSRC)  
K. E. Nodland  
R. A. Stough  
G. Percival  
C. W. Hehl  
J. B. Knotts, Jr.  
H. G. Shealy  
NFCF  
File