

November 9, 1988

Docket Nos. 50-269  
50-270  
50-287

Mr. H. B. Tucker, Vice President  
Nuclear Production Department  
Duke Power Company  
422 South Church Street  
Charlotte, North Carolina 28242

Dear Mr. Tucker:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION-TORNADO MISSILES  
(TACS 48225, 48226, and 48227)

Re: Oconee Nuclear Station - Units 1, 2, and 3

The staff has reviewed your July 17, 1987, submittal responding to our request for additional information on tornado missiles at Oconee. Additional clarification is needed on three of your responses - 1d, 7 and 8. A request for additional clarification, with the questions numbered as before, i.e., 1d, 7, and 8, is enclosed. One additional question, number 14, has been added.

Please respond to this request for additional information within 45 days of the date of this letter.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely, *15/*

Helen N. Pastis, Project Manager  
Project Directorate II-3  
Division of Reactor Projects I/II

Enclosure:  
As stated

cc: See next page

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PDII-3 ~~Reading~~

S. Varga

14-E-4

G. Lainas

14-H-3

D. Matthews

14-H-25

M. Rood

14-H-25

H. Pastis

14-H-25

OGC

15-B-18

E. Jordan

MNBB-3302

B. Grimes

9-A-2

ACRS (10)

~~H-1016~~

OCONEE PLANT FILE

PDII-3

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HPastis:ls

MRood

DMatthews

10/8/88

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*11*

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*cc*



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

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Sincerely,

A handwritten signature in cursive script, appearing to read "Helen N. Pastis", is written over the typed name.

Helen N. Pastis, Project Manager  
Project Directorate II-3  
Division of Reactor Projects I/II

Enclosure:  
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REQUEST FOR ADDITIONAL INFORMATION  
OCONEE TORNADO MISSILE REVIEW

- 1d. Provide a summary of the results obtained in your reanalysis of tornado missiles when including ricochet and secondary missiles.
7. Provide the fault trees used to derive the final failure probability for the emergency feedwater (EFW) system. Show how the results were combined to produce the overall failure probability.
8. Discuss the independency of missiles which were calculated to damage both the east and west penetration areas in the event of a receding tornado in the northwest quadrant.
14. Provide an overall numerical reliability for the combination of the Emergency Feedwater System and Safe shutdown Facility's Auxiliary Service Water System to provide water to the steam generators in the event of a tornado. Indicate how this value was arrived at.

Mr. H. B. Tucker  
Duke Power Company

Oconee Nuclear Station  
Units Nos. 1, 2 and 3

cc:  
Mr. A. V. Carr, Esq.  
Duke Power Company  
P. O. Box 33189  
422 South Church Street  
Charlotte, North Carolina 28242

Mr. Paul Guill  
Duke Power Company  
Post Office Box 33189  
422 South Church Street  
Charlotte, North Carolina 28242

J. Michael McGarry, III, Esq.  
Bishop, Liberman, Cook, Purcell & Reynolds  
1200 Seventeenth Street, N.W.  
Washington, D.C. 20036

Mr. Robert B. Borsum  
Babcock & Wilcox  
Nuclear Power Generation Division  
Suite 525  
1700 Rockville Pike  
Rockville, Maryland 20852

Manager, LIS  
NUS Corporation  
2536 Countryside Boulevard  
Clearwater, Florida 33515

Senior Resident Inspector  
U.S. Nuclear Regulatory Commission  
Route 2, Box 610  
Seneca, South Carolina 29678

Regional Administrator, Region II  
U.S. Nuclear Regulatory Commission  
101 Marietta Street, N.W., Suite 2900  
Atlanta, Georgia 30323

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

Office of Intergovernmental Relations  
116 West Jones Street  
Raleigh, North Carolina 27603

Honorable James M. Phinney  
County Supervisor of Oconee County  
Walhalla, South Carolina 29621

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