

# REGULATORY DOCKET FILE COPY

MAY 05 1980

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Dockets Nos. <del>50-269</del> , 50-270		IE-3
and 50-287		<input checked="" type="checkbox"/> OELD
		AEOD
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Mr. William O. Parker, Jr.  
Vice President, Steam Production  
Duke Power Company  
P. O. Box 2178  
422 South Church Street  
Charlotte, North Carolina 28242

Dear Mr. Parker:

RE: LOSS OF OFFSITE POWER EVENTS

We are currently reviewing the adequacy of the offsite power systems of nuclear power plants and in particular, the loss of offsite power events at your facility. One aspect of this review concerns the history of experienced total and partial power outages and attendant degraded voltage or frequency conditions of the grid.

In our review of this matter we have drawn upon the information provided to us via Licensee Event Reports and followup letters which have been sent to us. Our records do not indicate that you have experienced any loss of offsite power events either completely or partially. Please review your experiences and, if any are identified, then report them in answer to this letter and furnish the related information as included in the enclosure.

Please provide your response for the Oconee Nuclear Power Plant, Units Nos. 1, 2 and 3 within 30 days of the receipt of this letter.

Sincerely,

Original signed by  
Robert W. Reid

Robert W. Reid, Chief  
Operating Reactors Branch #4  
Division of Licensing

Enclosure:  
Request for Additional  
Information

cc w/enclosure:  
See next page

M.B. FAIRTILE

ORB#4: DOL	C. ORB#4: DOL
cb-GRivenbark	RReid
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

May 5, 1980

Dockets Nos. 50-269, 50-270  
and 50-287

Mr. William O. Parker, Jr.  
Vice President, Steam Production  
Duke Power Company  
P. O. Box 2178  
422 South Church Street  
Charlotte, North Carolina 28242

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Sincerely,

A handwritten signature in cursive script, reading "Robert W. Reid", is written over the typed name.

Robert W. Reid, Chief  
Operating Reactors Branch #4  
Division of Licensing

Enclosure:  
Request for Additional  
Information

cc w/enclosure:  
See next page

Duke Power Company

cc w/enclosure(s):

Mr. William L. Porter  
Duke Power Company  
P. O. Box 2178  
422 South Church Street  
Charlotte, North Carolina 28242

Mr. Robert B. Borsum  
Babcock & Wilcox  
Nuclear Power Generation Division  
Suite 420, 7735 Old Georgetown Road  
Bethesda, Maryland 20014

Oconee Public Library  
201 South Spring Street  
Walhalla, South Carolina 29691

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

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

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

Director, Technical Assessment  
Division  
Office of Radiation Programs  
(AW-459)  
U. S. Environmental Protection Agency  
Crystal Mall #2  
Arlington, Virginia 20460

U. S. Environmental Protection Agency  
Region IV Office  
ATTN: EIS COORDINATOR  
345 Courtland Street, N.E.  
Atlanta, Georgia 30308

Mr. Francis Jape  
U. S. Nuclear Regulatory Commission  
P. O. Box 7  
Seneca, South Carolina 29678

A. For losses of offsite power where less than all offsite power was lost:\*

1. How many circuits to the offsite network are normally available and how many were lost during the event?
2. What was the cause of the event?
3. Why did the other lines not fail when some did fail?
4. Was any voltage increase or decrease experienced just prior to or during the outage? If so, please give details, voltages reached, affects, etc.
5. Was any frequency decay experienced just prior to or during the outage? If so, please give details, lowest frequency reached, decay rate, affects on equipment operation, etc.
6. How long was power unavailable from the circuit?
7. Date of event.

B. For losses of all offsite power:

1. How long was the power off? How long for partial recovery? Please give details.
2. If turbine trip occurred, how soon after did loss of offsite power occur?
3. If power was recovered promptly (10 minutes or less), was it due to automatic or manual actions?
4. Was any voltage increase or decrease experienced just prior to or during the outage? If so, please give details, voltages reached, affects, etc.
5. Was any frequency decay experienced just prior to or during the outage? If so, please give details, lowest frequency reached, decay rate, affects on equipment operation, etc.
6. Date of event.