



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

DECEMBER 13 1979

Docket No. 50-333

Mr. George T. Berry
General Manager and Chief Engineer
Power Authority of the State of
New York
10 Columbus Circle
New York, New York 10019

Dear Mr. Berry:

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 James A. FitzPatrick Nuclear Power Plant to us within 90 days of the receipt of this letter.

Sincerely,

Thomas A. Ippolito
Thomas A. Ippolito, Chief
Operating Reactors Branch #3
Division of Operating Reactors

Enclosure:
Request for Additional
Information

1702 265

P 8001080 273

Mr. George T. Berry
Power Authority of the State
of New York

- 2 -

cc:

Mr. Vito J. Cassan
Assistant General Counsel
Power Authority of the State
of New York
10 Columbus Circle
New York, New York 10019

Mr. Peter W. Lyon
Manager - Nuclear Operations
Power Authority of the State
of New York
10 Columbus Circle
New York, New York 10019

Mr. J. D. Leonard, Jr.
Resident Manager
James A. FitzPatrick Nuclear
Power Plant
P. O. Box 41
Lycoming, New York 13093

Director, Technical Development
Programs
State of New York Energy Office
Agency Building 2
Empire State Plaza
Albany, New York 12223

Oswego County Office Building
46 E. Bridge Street
Oswego, New York 13126

George M. Wilverding, Licensing Supervisor
Power Authority of the State of New York
10 Columbus Circle
New York, New York 10019

1702 266

REQUEST FOR ADDITIONAL INFORMATION

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.

C. Were there any other loss of offsite power events other than we have listed? If so, please give details of each event.