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Docket No. 50-237

DEC 04 1979

Mr. D. Louis Peoples
 Director of Nuclear Licensing
 Commonwealth Edison Company
 Post Office Box 767
 Chicago, Illinois 60690

Dear Mr. Peoples:

RE: DRESDEN NUCLEAR POWER STATION, UNIT NO. 2

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, report them in answer to this letter and furnish the related information as included in the enclosure.

Please provide your response for the Dresden Nuclear Power Station, Unit No. 2 to us within 90 days of the receipt of this letter.

Sincerely,

Original signed by
 Dennis L. Ziemann
 Dennis L. Ziemann, Chief
 Operating Reactors Branch #2
 Division of Operating Reactors

Enclosure:
 Request for Additional
 Information

cc w/enclosure:

7912270 OOC KB
 Applies

See next page	DOR:ORB #2	DOR:ORB #2	DOR:ORB #2		
OFFICE	HSmith:ah	SJNowicki	DLZiemann		
SURNAME					
DATE	12/3/79	12/4/79	12/4/79		

cc w/enclosure:

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Mr. B. B. Stephenson
Plant Superintendent
Dresden Nuclear Power Station
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Morris, Illinois 60450

Anthony Z. Roisman
Natural Resources Defense Council
917 15th Street, N. W.
Washington, D. C. 20005

U. S. Nuclear Regulatory Commission
ATTN: Jimmy L. Barker
P. O. Box 706
Morris, Illinois 60450

Susan N. Sekuler
Assistant Attorney General
Environmental Control Division
188 W. Randolph Street
Suite 2315
Chicago, Illinois 60601

Morris Public Library
604 Liberty Street
Morris, Illinois 60451

Chairman
Board of Supervisors of
Grundy County
Grundy County Courthouse
Morris, Illinois 60450

Department of Public Health
ATTN: Chief, Division of
Nuclear Safety
535 West Jefferson
Springfield, Illinois 62761

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
Federal Activities Branch
Region V Office
ATTN: EIS COORDINATOR
230 South Dearborn Street
Chicago, Illinois 60604

LOSS OF OFFSITE POWER SURVEY*

- 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.