

OCT 1 1979

Docket Nos. 50-315
and 50-316

Mr. John Dolan, Vice President
Indiana and Michigan Electric Company
Indiana and Michigan Power Company
Post Office Box 18
Bowling Green Station
New York, New York 10004

Dear Mr. Dolan:

RE: DONALD C. COOK NUCLEAR PLANT, UNIT NOS. 1 AND 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 are drawing upon the information you provided in Licensee Event Reports (LERs) and followup letters to the NRC. Our review of a number of these LERs indicates that loss of offsite power has occurred at your facility on February 17, 1975, September 1, 1977, December 13, 1977 and February 14, 1978. In order to complete our review of loss of offsite power events we require response to the enclosed request for information.

We request that you provide your response within 90 days of the receipt of this letter.

Sincerely,

REGULATORY DOCKET FILE COPY

APP
A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

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Enclosure:

Request for Information

DOR:ORBT

DOR:ORBO

OFFICE

SURNAME

CC: w/enclosure

DWigginton:jb

ASchwencer

DATE

See next page.

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A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

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Request for Information

DOR:ORB1

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OFFICE >

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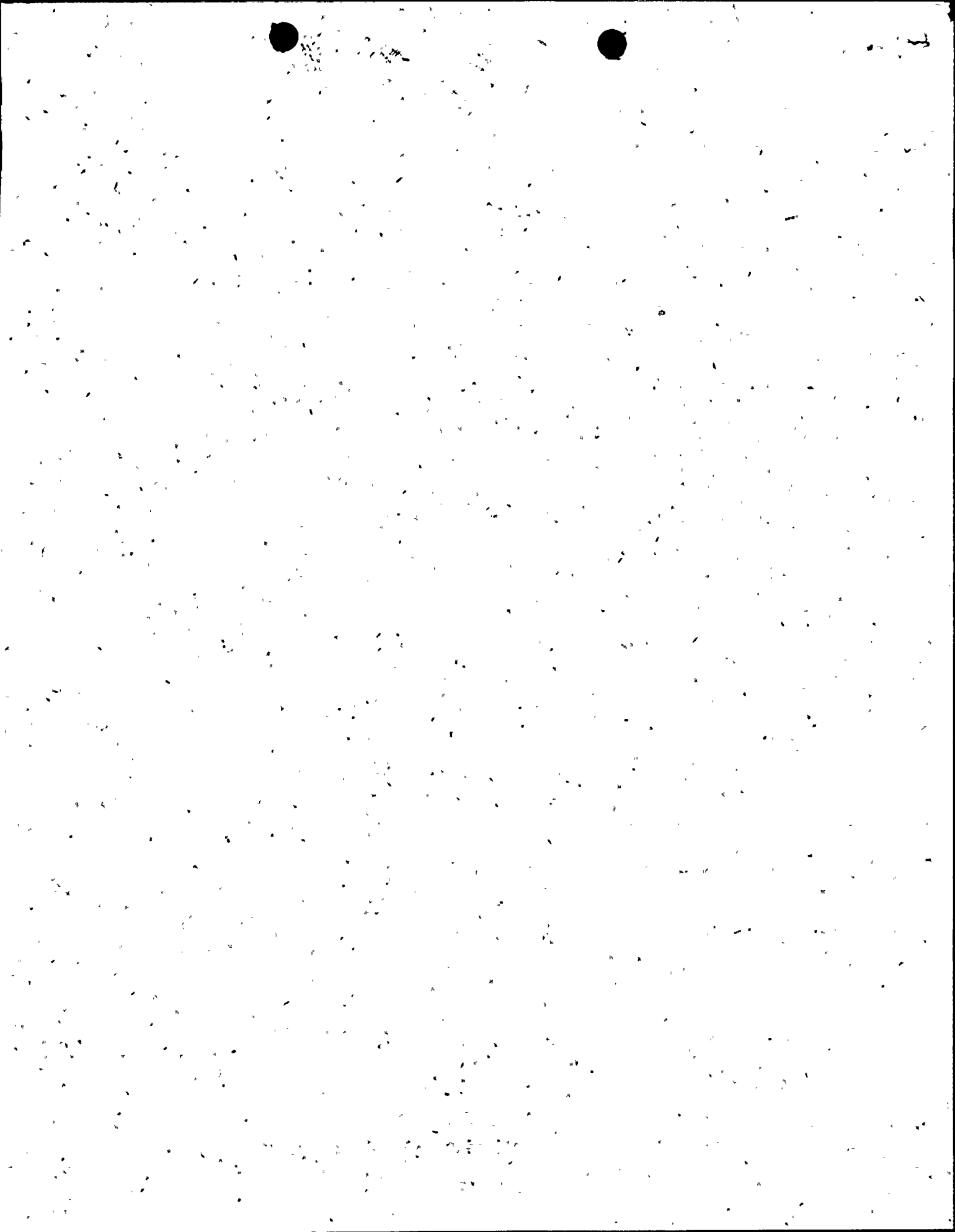
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

307 1 1375

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Sincerely,

A handwritten signature in cursive script, appearing to read "A. Schwencer".

A. Schwencer, Chief
Operating Reactors Branch #1
Division of Operating Reactors

Enclosure:
Request for Information

cc: w/enclosure
See next page

Mr. John Dolan
Indiana and Michigan Electric Company
Indiana and Michigan Power Company

cc: Mr. Robert W. Jurgensen
Chief Nuclear Engineer
American Electric Power
Service Corporation
2 Broadway
New York, New York 10004

Gerald Charnoff, Esquire
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Washington, D. C. 20036

Citizens for a Better Environment
59 East Van Buren Street
Chicago, Illinois 60605

Maude Preston Palenske Memorial
Library
500 Market Street
St. Joseph, Michigan 49085

Mr. D. Shaller, Plant Manager
Donald C. Cook Nuclear Plant
P. C. Box 458
Bridgman, Michigan 49106

Mr. Robert Masse
Donald C. Cook Nuclear Plant
P. O. Box 458
Bridgman, Michigan 49106

ATTACHMENT

- 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.