

CF

DISTRIBUTION:

Docket 50-206

NRC PDR

Local PDR

ORB#2 RDG

NRR RDG

DLZiemann

HSmith

ABurger

TCarter

OELD

OI&E(3)

DGEisenhut

JRBuchanan

TERA

ACRS(16)

RVollmer

BGrimes

WGammill

JMiller

LShao

SEP 25 1979

Docket No. 50-206

Mr. James H. Drake
Vice President
Southern California Edison Company
2244 Walnut Grove Avenue
Post Office-Box 800
Rosemead, California 91770

Dear Mr. Drake:

RE: SAN ONOFRE NUCLEAR GENERATING STATION, UNIT NO. 1

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 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 you have sent to us. Our review of these reports indicated the loss of offsite power events have occurred at San Onofre Nuclear Generating Station, Unit 1 on June 7, 1973. To complete our review of loss of offsite power events we require the additional information concerning the station offsite grid indicated in the enclosure to this letter.

Please provide your response to the attached questions for the San Onofre Nuclear Generating Station within 90 days of receipt of this letter.

Sincerely,

"Original Signed by
Thomas V. Wambach"

for
Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors

ccp

Enclosure:
Request for Additional
Information

REGULATORY DOCKET FILE COPY

App'l 3

cc w/enclosure:

OFFICE ➤	see next page	DOR:ORB#2	DOR:ORB#2	DOR:ORB#2	
SURNAME ➤		HSmith, Sah	ABurger	DLZiemann	7910220 374
DATE ➤		9/24/79	9/24/79	9/25/79	P

Mr. James H. Drake

- 2 -

September 25, 1979

cc

Charles R. Kocher, Assistant
General Counsel
Southern California Edison Company
Post Office Box 800
Rosemead, California 91770

David R. Pigott
Samuel B. Casey
Chickering & Gregory
Three Embarcadero Center
Twenty-Third Floor
San Francisco, California 94111

Jack E. Thomas
Harry B. Stoehr
San Diego Gas & Electric Company
P. O. Box 1831
San Diego, California 92112

U. S. Nuclear Regulatory Commission
ATTN: Robert J. Pate
P. O. Box 4167
San Clemente, California 92672

Mission Viejo Branch Library
24851 Chrisanta Drive
Mission Viejo, California 92676

ENCLOSURE

REQUEST FOR ADDITIONAL INFORMATION

LOSS OF OFFSITE POWER

- 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.