

December 18, 1984

Docket No. 50-247

DISTRIBUTION

Docket File

L PDR
ORB#1 Rdg
DEisenhut
ACRS 10
JPartlow

NRC PDR
Gray File
CParrish
OELD
EJordan

Mr. John D. O'Toole
Vice President
Nuclear Engineering and Quality Assurance
Consolidated Edison Company
of New York, Inc.
4 Irving Place
New York, New York 10003

Dear Mr. O'Toole:

SUBJECT: GAS TURBINE OPERATION FOR INDIAN POINT NUCLEAR GENERATING PLANT,
UNIT 2 (IP-2)

By letter dated January 28, 1980 we issued Amendment 60 to Facility Operating License No. DPR-26 for Indian Point Nuclear Generating Station Unit No. 2 which contains changes in the technical specifications regarding the operability and surveillance requirements for the gas turbines. Consolidated Edison has proposed to use available gas turbines as an alternate emergency backup power source in case of loss of onsite emergency power and concurrent loss of offsite power at IP-2.

Subsequent to the TMI-2 accident and the reassessment of Indian Point Unit 2, a confirmatory order was issued on February 11, 1980. Item C.5 of Appendix A of the order states that the licensee shall examine methods of establishing the highest reliability for the gas turbines and provide the results to NRC for review within 60 days of the date of the order. The order states that the licensee specifically shall:

- (1) Provide details of gas turbine controls, modes of operation, and other relevant information;
- (2) Evaluate possible improvements to the starting and running reliability of the gas turbines;
- (3) Evaluate and initiate actions which will ensure that a gas turbine can be brought on line within one hour after loss of offsite power;
- (4) Determine how gas turbine power can be provided to Indian Point 3; and
- (5) Evaluate the limitation that Indian Point 2 not be operated if the gas turbines are out-of-service.

8412280499 841218
PDR ADDCK 05000247
P PDR

Mr. John D. O'Toole

- 2 -

December 18, 1984

By letters dated April 11, 1980, August 27, 1980, December 6, 1982 and May 2, 1984 the licensee provided the results of their evaluation and the necessary modifications made to improve the reliability/availability of the gas turbines. We have reviewed the above information and concur that the modifications and preventive maintenance implemented by Consolidated Edison will enhance the availability of the gas turbines.

Sincerely,

/s/SVarga

Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

cc:
See next page

ORB#1:DL
MS/mission;ps
12/17/84

ORB#1:DL
JDNeighbors
12/18/84

DC-ORB#1:DL
SVarga
12/18/84



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

December 18, 1984

Docket No. 50-247

Mr. John D. O'Toole
Vice President
Nuclear Engineering and Quality Assurance
Consolidated Edison Company
of New York, Inc.
4 Irving Place
New York, New York 10003

Dear Mr. O'Toole:

SUBJECT: GAS TURBINE OPERATION FOR INDIAN POINT NUCLEAR GENERATING PLANT,
UNIT 2 (IP-2)

By letter dated January 28, 1980 we issued Amendment 60 to Facility Operating License No. DPR-26 for Indian Point Nuclear Generating Station Unit No. 2 which contains changes in the technical specifications regarding the operability and surveillance requirements for the gas turbines. Consolidated Edison has proposed to use available gas turbines as an alternate emergency backup power source in case of loss of onsite emergency power and concurrent loss of offsite power at IP-2.

Subsequent to the TMI-2 accident and the reassessment of Indian Point Unit 2, a confirmatory order was issued on February 11, 1980. Item C.5 of Appendix A of the order states that the licensee shall examine methods of establishing the highest reliability for the gas turbines and provide the results to NRC for review within 60 days of the date of the order. The order states that the licensee specifically shall:

- (1) Provide details of gas turbine controls, modes of operation, and other relevant information;
- (2) Evaluate possible improvements to the starting and running reliability of the gas turbines;
- (3) Evaluate and initiate actions which will ensure that a gas turbine can be brought on line within one hour after loss of offsite power;
- (4) Determine how gas turbine power can be provided to Indian Point 3; and
- (5) Evaluate the limitation that Indian Point 2 not be operated if the gas turbines are out-of-service.

Mr. John D. O'Toole

- 2 -

December 18, 1984

By letters dated April 11, 1980, August 27, 1980, December 6, 1982 and May 2, 1984 the licensee provided the results of their evaluation and the necessary modifications made to improve the reliability/availability of the gas turbines. We have reviewed the above information and concur that the modifications and preventive maintenance implemented by Consolidated Edison will enhance the availability of the gas turbines.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven A. Varga". The signature is stylized with a large, looped initial "S" and a prominent "V".

Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing

cc:
See next page

Mr. John D. O'Toole
Consolidated Edison Company
of New York, Inc.

Indian Point Station, Unit 1
Indian Point Nuclear Generating Unit 2

cc: Mayor, Village of Buchanan
236 Tate Avenue
Buchanan, New York 10511

Michael Blatt
Director Regulatory Affairs
Consolidated Edison Company
of New York, Inc.
Broadway and Bleakley Avenues
Buchanan, New York, 10511

Robert L. Spring
Nuclear Licensing Engineer
Consolidated Edison Company
of New York, Inc.
4 Irving Place
New York, New York 10003

Senior Resident Inspector
U.S. Nuclear Regulatory Commission
Post Office Box 38
Buchanan, NY 10511

Brent L. Brandenburg
Assistant General Counsel
Consolidated Edison Company
of New York, Inc.
4 Irving Place - 1822
New York, NY 10003

Regional Administrator - Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Carl R. D'Alvia, Esquire
Attorney for the Village of
Buchanan, New York
395 South Riverside Avenue
Croton-on-Hudson, New York 10520

Ms. Ellyn Weiss
Sheldon, Harmon and Weiss
1725 I Street, N.W., Suite 506
Washington, D.C. 20006

Regional Radiation Representative
EPA Region II
26 Federal Plaza
New York, New York 10007

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

Dr. Lawrence R. Quarles
Apartment 51
Kendal at Longwood
Kennett Square, PA 19346

Mr. Charles W. Jackson
Vice President, Nuclear Power
Consolidated Edison Company
of New York, Inc.
Broadway and Bleakley Avenues
Buchanan, New York 10511

Mr. Frank Matra
Resident Construction Manager
Consolidated Edison Company
of New York, Inc.
Broadway and Bleakley Avenues
Buchanan, New York 10511

Ezra I. Bialik
Assistant Attorney General
Environmental Protection Bureau
New York State Department of Law
2 World Trade Center
New York, New York 10047

Mr. Jay Dunkleberger
Division of Policy Analysis
and Planning
New York State Energy Office
Agency Building 2, Empire
State Plaza
Albany, New York 12223