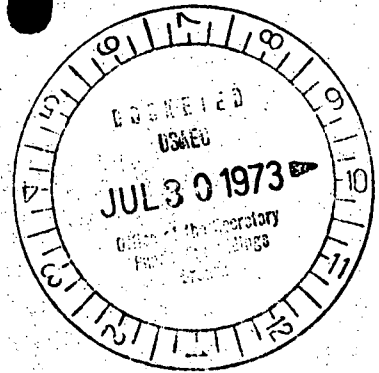


BEFORE THE UNITED STATES
ATOMIC ENERGY COMMISSION



In the Matter of)
)
Consolidated Edison Company) Docket No. 50-247
of New York, Inc.)
(Indian Point Station, Unit No. 2))

AFFIDAVIT OF BERTRAM SCHWARTZ

Bertram Schwartz, being duly sworn, deposes and says:

1. I am Vice President - System Planning and Fuel Supply - of the Consolidated Edison Company of New York, Inc. ("Con Edison") and have knowledge of the facts set forth in this affidavit.

2. This information is presented in support of "Applicant's Motion for Issuance of a License Authorizing Limited Operation" to which this affidavit is attached.

3. The Indian Point No. 2 generating unit is currently completing testing at 50% thermal power, 370 Mwe, and will soon be capable of operation to help meet the remaining summer 1973 power demand on the Con Edison system.

4. The Con Edison peak load in the Summer of 1973 is estimated to be 8,700 Mw. To meet this demand, the Company plans to have an installed capacity of 9,066 Mw (8,946 Mw after adjustment for steam derating). However, the achievement of

this level of planned generating resources is contingent upon the operation of Indian Point No. 2 at 50% of thermal power, 370 Mw_e, during the summer of 1973.

In order to supplement the planned generating capacity, Con Edison is making firm purchases of 814 Mw from outside sources. Additional capacity in varying amounts is also available for purchase on a non-firm basis.

5. Even if all of the capacity resources are available as planned, including Indian Point No. 2 operating at 370 Mw_e and firm purchases, the Company's reserve margin in the summer of 1973 will be only 1060 Mw or 12.2%. Reserve margins are required to provide for scheduled and unscheduled unavailability of generating equipment. Based on Con Edison's experience of unscheduled unavailability of generating equipment, these reserve margins are inadequate to assure reliability of supply to Con Edison's customers.

6. If Indian Point No. 2 is not authorized to begin operation at 50% of thermal power upon completion of the 50% testing program, the Con Edison reserve margin without deducting unavailable generating capacity will be only 690 Mw or 7.9%, essentially the same level as experienced during the first half of the summer 1973 peak load period. This reserve margin is less than the reserve, based on the projected peak load, which Con Edison

is obligated to maintain as a member of the New York Power Pool and is so low as to have caused power deficiencies during the first half of the summer peak load period when power demand was high due to warm weather. Notwithstanding the availability of substantial amounts of short time purchase capacity in this period, Con Edison nevertheless was required to reduce voltage to its customers on three days, including one day at 8% - the last load reduction step on the Con Edison system before disconnection of preselected blocks of customer load.

7. There can be no assurance that short time purchase capacity will continue to be available when and to the extent required to avoid still additional incidents of voltage reduction. Accordingly, operation of Indian Point No. 2 at 50% of thermal power output will greatly enhance Con Edison's ability to supply power to its customers.

8. If Indian Point No. 2 is not authorized to begin operation at 50% of thermal power upon completion of testing, the financial cost to Con Edison, and to its customers, will be substantial. The cost to replace the capacity and energy of Indian Point No. 2 will be approximately one-half million dollars per week, which otherwise would be saved if Indian Point No. 2 were in operation at 50% power.

9. There would also be a negative effect on the environment and on fuel resource management from not operating Indian Point No. 2. If the plant is not authorized to operate, Con Edison will have to make greater use of its fossil fueled plants. This will not serve to improve the air quality of New York City and will also increase Con Edison's use of fuel oil - a diminishing resource.



Bertram Schwartz
Vice President
Consolidated Edison Company

Sworn to before me this

26th day of July, 1973.


Notary Public

CLETILDE M. REGAZZI
Notary Public, State of New York
No. 41-8520650 Queens County
Cert. filed in New York County
Commission Expires March 30, 1974