## BEFORE THE UNITED STATES ATOMIC ENERGY COMMISSION

IN THE MATTER OF

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.)

Amendment No. 8

) Docket No. 50-247

## to

## Application for Licenses

Comes now Consolidated Edison Company of New York, Inc., Applicant in the above-captioned proceeding, and files Amendment No. 8 to its Application for Licenses.

Applicant filed its Application on December 6, 1965. In the intervening period Applicant has heretofore filed seven amendments to its Application.

The purpose of this Amendment No. 8 is to transmit to the Commission corrected page 1-21 of Exhibit B-7, entitled "Seventh Supplement to Preliminary Safety Analysis Report", which was filed on October 16, 1967 with Amendment No. 7 to Applicant's Application for Licenses in this proceeding. WHEREFORE, Applicant prays as in its original

Application for Licenses.

IN WITNESS WHEREOF, Consolidated Edison Company of



New York, Inc. has caused its name to be hereunto signed by W. Donham Crawford, Administrative Vice President, and its corporate seal to be hereto affixed by Frances E. Flynn,

its Assistant Secretary, this 30th day of October, 1967.



CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

By U

W. Donham Crawford Administrative Vice President

Attest:

Frances E. Flynn Assistant Secretary

STATE OF NEW YORK ) ) COUNTY OF NEW YORK)

W. Donham Crawford, being first duly sworn, deposes and says: That he is Administrative Vice President of Consolidated Edison Company of New York, Inc., the Applicant for licenses hereunder; that he has read the foregoing Amendment No. 8 to Application for Licenses and knows the contents thereof and that the same are true to the best of his knowledge and belief.

88:

Frances E. Flynn Notary Public, State of New York 24-1258285 Qualified in Kings County Cert. Filed in New York County Commission Expires March 30, 1969



A minimum flow bypass line is provided on each pump discharge to recirculate flow to the refueling water storage tank in the event the pumps are started with the normal flow paths blocked. Figure 1-18 gives the performance characteristics of these pumps.

The two residual heat removal pumps of the Auxiliary Coolant System are used to inject borated water at low pressure to the Reactor Coolant System. Two recirculation pumps are used to recirculate fluid from the sump and send it back to the reactor or to the spray headers. All four of these pumps are of the horizontal centrifugal type, driven by electric motors. Parts of the pumps which contact the borated water are stainless steel or equivalent corrosion resistant material.

A minimum flow bypass line is provided on the discharge of the residual heat exchangers to recirculate cooled fluid to the suction of the residual heat removal pumps should these pumps be started with their normal flow paths blocked. A minimum flow bypass, discharging back into the containment sump, is provided to protect the recirculation pumps should these flow paths be blocked. Figures 1-19 and 1-20 give the performance characteristics of these pumps.

The high head safety injection, recirculation, and residual heat removal pumps are constructed of austenitic stainless steel or materials or equal corrosion resistance. The pressure containing parts of each pump are static castings conforming to ASTM A-351 Grade CF8 or CF8M. All bolting material conforms to ASTM A-193.

All pressure containing parts of the pumps are chemically and physically analyzed and the results are checked to ensure conformance with the applicable ASTM specification. In addition, all pressure containing parts of the pump are liquid penetrant inspected in accordance with