

UNITED STATES OF AMERICA
ATOMIC ENERGY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)

CONSOLIDATED EDISON COMPANY OF)
NEW YORK, INC.)

(Indian Point Nuclear Generating)
Unit No. 2))

1-12-72
Docket No. 50-247

SUPPLEMENT TO PETITION FOR LEAVE TO INTERVENE
BY THE CITIZEN'S LEAGUE FOR EDUCATION ABOUT
NUCLEAR ENERGY, INC.

In compliance with the order of the Board dated Dec. 28th, 1971 the following supplemental information is supplied.

The League is a non-profit membership corporation and authorized this action by the vote of its Board of Directors.

To explain our interest in this proceeding we state that several hundred of our members reside in New Rochelle, at a distance of about 25 miles from Indian Point #2. As Dr. Edward Teller put it,

"In principle, nuclear reactors are dangerous- - - A gently seeping nuclear reactor can put its radioactive poison under a stable inversion layer and concentrate it into a few hundred square miles in a truly deadly fashion."

See also the AEC's Brookhaven Reports.

The Commission has before it a motion by applicant to operate this plant in three stages, up to 90% of full power.

Should the Commission rule that the applicant be licensed to operate the plant in its present state, with known defects, e.g. the failure, under test, of the emergency core cooling system, the League contends that its members, and the vast community

surrounding the plant, would be imperiled in their lives and homes.

The petitioner proposes to intervene solely on the basis of the environmental issues involved, and proposes not to appear until this section of the hearings are begun.

Petitioner raised several environmental issues, in its limited appearances, at greater length than is possible here. We identify them as follows:-

1. The safe storage of highly poisonous wastes of nuclear plants, for periods of over one thousand years is not solved. Nowhere in applicant's FSAR is there even a mention of this problem.

In the same thoughtless, careless way our air and water have been polluted. In the same way we shall stand knee deep in nuclear garbage in a few short years.

2. The lack of safety of distance from the plant to a highly populated area.

Within a 55 mile radius of this plant, the area of damage estimated to be likely by the AEC WASH-740 report, no less than 17,000,000 people reside. The possibility of a catastrophe in a populous area has been arbitrarily ruled out by the applicant, despite AEC reports, and the warnings of eminent scientists.

3. The impact of accidents.

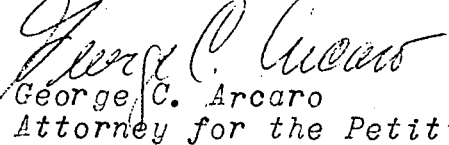
On Page 38 of the Dec. 30th, 1971 report of the Division of Reactor Licensing, to the AEC postulated accident numbered 9.0 "Hypothetical sequence of failures more severe than Class 8", the applicant responds,

"Not Considered."

We contend the public risk is great, that melt-downs and "China accidents" are real possibilities and must be aired and considered at these hearings for their extensive environmental impact. This potential for environmental disaster seems ever-present, the wish that it will go away, if it is not discussed, prevents the solution of the problem.

Finally we raise the issue of the Thermal and other adverse effects of this plant on the ecosystem of the Hudson River. We contend that significant damage may be expected to occur to the aquatic biota of the Hudson River.

Respectfully submitted,


George C. Arcaro
Attorney for the Petitioner

Dated: January 12th, 1972

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CERTIFICATE OF SERVICE

I hereby certify that copies of "Supplement to Petition for Leave to Intervene by the Citizen's League for Education About Nuclear Energy, Inc." dated January 12th, 1972, in the captioned matter, have been served on the following by deposit in the United States mail, first class or airmail, this 13th day of January, 1972.

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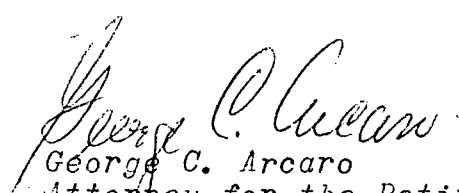
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