

RELATED CORRESPONDENCE

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

ATOMIC SAFETY AND LICENSING BOARD

Before Administrative Judges:  
Louis J. Carter, Chairman  
Frederick J. Shon  
Dr. Oscar H. Paris

DOCKETED  
JUN 1982

'82 MAY -3 P219

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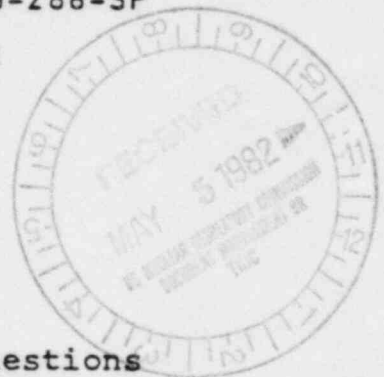
In the Matter of )

CONSOLIDATED EDISON COMPANY OF )  
NEW YORK, INC. (Indian Point, )  
Unit No. 2) )

POWER AUTHORITY OF THE STATE OF )  
NEW YORK, (Indian Point, )  
Unit No. 3) )

Docket Nos. 50-247-SP  
50-286-SP

April 29, 1982



INTERROGATORY TO THE LICENSEES FROM  
WEST BRANCH CONSERVATION ASSOCIATION

Attached are interrogatories covering Questions 3 and 4 of the Commission's Order, addressed to the two licensees. Kindly reply either singly or as one but we are unable to divide the questions.

"Rockland County RERP" in the text stands for Radiological Emergency Response Plan. "General emergency" is as described in Appendix 1 of NUREG-0654, Rev. 1, pages 1-16 through 1-19.

submitted for West Branch Conservation Association

*Z. S. Fleisher*  
by Z. S. Fleisher, Secretary  
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## WBCA-3.2-1

What provisions have been made in the Rockland County RERP to make it safe for operating personnel to remain in the generating station at Lovett? and at Bowline? during a "general emergency"? Please answer for a 2 mile evacuation, a 5 mile evacuation and a 10 mile evacuation.

## WBCA-3.2-2

Up to what level of radiation exposure will the employees be allowed in order to maintain operation? Who will make the decision in the RERP? Have you the informed consent of the employees who are expected to remain at Indian Point? If so, please supply a consent form sample or the text of any letters of agreement.

What percent of the employees needed on the site during an emergency have signed agreements? Are there enough such employees on all shifts to continue operation of the plants at Indian Point?

## WBCA-3.2-3

What onsite provisions are there to decontaminate emergency personnel at Lovett and Bowline? Have they dosimeters or film badges?

## WBCA-3.2-4

Have the above described emergency personnel received Radiological Emergency Response training? If so, to what level of training? On what date or dates? For O&R stations? For Indian Point?

WBCA-3.2-5

Please reply to 3.2-2 above as applied to emergency personnel expected to remain in Indian Point #2 and #3 generating stations during a "general emergency."

WBCA-3.2-6

Refer to NUREG-0654, Rev.1, page 35 Evaluation Criteria

2. Are employees of the licensees informed and have they given consent to the extent that a full complement of shift workers is available at all times?

If not, how will such volunteers who have consented reach the plant to assist in an emergency? Within what time frame can a full complement be assembled?

Can each licensee meet the requirements of Table B-1 on pages 37 and 38 of NUREG-0654, Rev.1?

If not, in what numbers are each short?

WBCA-3.3-1

Please provide methodology used to arrive at Tables A-4, A-5, A-6 and A-7 on pages A-67, A-68, A-69 and A-70 in Rockland County RERP. Copies of working papers to show what populations are assumed and for what situations. List "operational strategies" referred to in footnote (1) below each of the tables.

WBCA-3.3-2

Kindly provide total population estimated to be in Rockland County within the 10 mile EPZ.

In Rockland County RERP Appendix G please designate which sectors' zones were used to define the boundary of Rockland County.

WBCA-3.9-1

What studies were made of road evacuation routes and characteristics as shown in NUREG-0654, Rev.1, pages 4-15 and 16, Tables 1 and 2 for Rockland?

What studies were made for the above under different weather conditions such as 1, rain; 2, snow; 3, ice and 4, fog on Rockland's evacuation routes?

Show if studies did or not include width of roads, shoulder conditions, room for disabled vehicles to pull over, crest down center of road.

Which roads were actually traveled?

Why are the road names in the brochure not correct where road names change? Were all directions in the brochure checked for correct names? For correct turns?

Please explain why there are errors on the brochure map for southern Rockland within the EPZ.

How was the capacity determined for each road?

Were any field counting studies made during commuting hours? 7-8:30 AM? 5-7 PM? If so, please list where, under what conditions and on what dates.

How was capacity integrated with population and road characteristics within the EPZ?

WBCA-4.3-1

Please list the most difficult to solve patterns and the roads involved. Those that were the least amenable to their burden, from 1, the worst, through 10 and relate if they vary in difficulty on a 1-10 scale.

At what locations is there potential for serious congestion? Is it due to road configuration? Due to the amount of vehicles using the road? Or both? Please explain.

WBCA-4.4-1

Please supply a copy of each emergency assistance card sent to the "Four County Nuclear Safety Committee from the brochures by residents of Rockland County.

WBCA-4.4-2

Did you determine how many wheelchair users there are in Rockland's <sup>10 mile</sup> EPZ? If so, what number did you determine and how did you arrive at it?

WBCA-4.4-3

The Rockland County RERP page Trl 24 lists Helen Hayes Hospital. The new building is now open, the lower line of occupants applies. Only 14 are ambulatory. The vehicles shown are insufficient to move the patients. Please provide a corrected figure and explain from where the transportation might be expected.

WBCA-4.4-4

The Rockland County REPP page Trl 20 lists Camp Jowonio. It has 350 students at a session. 70 are in wheelchairs, 35 in crutches or braces, 245 are ambulatory but slow. Its bus capacity totals 18 wheelchairs. How will the wheelchairs be moved in the event of a general emergency?



WBCA-4.4-5

What transportation plans are there for citizens who are permanently disabled and who live at home?

WBCA-4.4-6

What is the length of time used to determine the ability to move a wheelchair patient into a van?

WBCA-4.4-7

Much of the Plan expects to provide several trips to and from one location to evacuate the disabled, or even the school population. How will buses be able to return to the assigned pick-up place on roads clogged with evacuees?

How have you determined the use of police and sheriffs to cover all these tasks? What numbers?

WBCA-4.4-8

Before the National Guard can be of assistance it will have to be mobilized and moved. These guardsmen may be otherwise occupied. In a "general emergency" how could they be mobilized in sufficient time to assist the police and sheriffs? What calculations were made to determine when they could be on the scene and in what numbers? Please supply data.

WBCA-4.4-9

Please provide text of questionnaire used by door-to-door survey teams in Rockland County preparatory any opinion study. How many homes or apartments were visited where interviews were completed?

Please provide totals or tallies of results of replies to the questions asked.

WBCA - 4.4-10

How many buses did Red and Tan Lines offer for an evacuation of the ten mile EPZ in Rockland?

How many school buses would be needed for a worst case emergency of a plume passing through Rockland County 10 mile EPZ?

What is the total number of buses that would be needed from outside the 10 mile EPZ in a worst case emergency?

How many drivers of school buses do you count on being available if a general emergency is declared during a week-day during working hours, 8 AM - 6 PM? Absent letters of agreement with drivers how do you expect to rely on their willingness to cooperate?

What survey did you make of drivers' attitudes?

If any, please supply dates, numbers of drivers interviewed and responses.

WBCA-4.4-11

How many accidents or illnesses have you figured would occur on the roads during a "general emergency" that would require ambulance service?

Per hour? Per sector? Would ambulances be available if the mode was to be moving the sick and those "dependent on others for their mobility"?

WBCA-4.7-1

Why wasn't the brochure printed in Spanish to be provided to the more than 6,000 Spanish speaking residents within the Rockland County 10 mile EPZ? How much would it cost for 2,000 copies? What is the total printing bill for the present brochure for four counties?

What mailing list was used for the brochure's distribution? Have you any estimate of how many residents within the 10 mile EPZ were missed?

WBCA-4.7-2

Describe the structure of the "Four County Nuclear Safety Committee". How often has it met in 1980, 1981 and 1982? Who are its officers? How were they elected? How many people from each of the four counties are on the Committee? Is there a Board of Directors? If so, how many are on it and how are they elected? Who may speak for it? By what grant of authority? Is it incorporated? If so, where?

Respectfully submitted,

copies to parties list

Zipporah S. Fleisher  
Secretary



UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION  
ATOMIC SAFETY AND LICENSING BOARD

Administrative Judges:

Louis J. Carter, Chairman  
Dr. Oscar H. Paris  
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OFFICE OF THE  
DOCKETING AND  
SERVICE  
BRANCH

In the Matter of

CONSOLIDATED EDISON COMPANY OF NEW YORK  
(Indian Point, Unit 2)

Docket Nos. 50-247-SP  
50-236-SP

POWER AUTHORITY OF THE STATE OF NEW YORK  
(Indian Point, Unit 3)

CERTIFICATE OF SERVICE

I hereby certify that I have placed in the U. S. mails,  
first class, a copy to all parties listed below, of the  
Interrogatory to the Licensees and of WBCA Reply to PASNY's  
Notice of Appeal to Granting Intervention... of April 19, 1982  
on this 30th of April, 1982.

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