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RELATED CORRESPONDENCE



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

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February 22, 1985

OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

Morton B. Margulies, Chairman
Administrative Judge
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dr. Jerry R. Kline
Administrative Judge
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. Frederick J. Shon
Administrative Judge
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

In the Matter of
LONG ISLAND LIGHTING COMPANY
(Shoreham Nuclear Power Station, Unit 1)
Docket No. 50-322-OL-3 (Emergency Planning)

Dear Administrative Judges:

Enclosed for your information is a copy of a memorandum dated February 8, 1985 from the NRC (Edward L. Jordan) to FEMA (Richard W. Krimm) concerning "LILCO Response to FEMA Findings on Shoreham Transition Plan".

Sincerely,

Bernard M. Bordenick
Counsel for NRC Staff

cc: with enclosure
Service List

8502260143 850222
PDR ADOCK 05000322
G PDR

DS07

cc: Jonathan D. Feinberg, Esq.
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Cherif Sedkey, Esq.
Herbert H. Brown, Esq.
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Ben Wiles, Esq.



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

February 8, 1985

MEMORANDUM FOR: Richard W. Krimm
Assistant Associate Director
Office of Natural and Technological Hazards

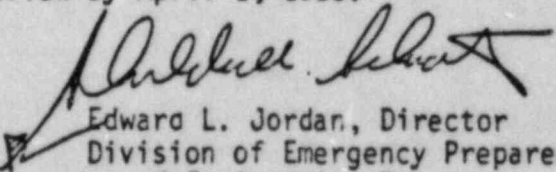
FROM: Edward L. Jordan, Director
Division of Emergency Preparedness
and Engineering Response
Office of Inspection and Enforcement

SUBJECT: LILCO RESPONSE TO FEMA FINDINGS ON SHOREHAM
TRANSITION PLAN

Enclosed is a letter dated January 16, 1985 from John D. Leonard, Jr., Vice President-Nuclear Operations, Long Island Lighting Company (LILCO) to Harold R. Denton, Director, Office of Nuclear Reactor Regulation, NRC, which transmits LILCO's responses to the FEMA findings developed as a result of the review by the Regional Assistance Committee (RAC) of Revision 4 to the LILCO offsite Transition Plan for Shoreham. Attachment 1 to the LILCO letter presents LILCO's proposed resolution for each of the eight remaining inadequacies in the Transition Plan identified by FEMA.

With respect to the FEMA/RAC concerns involving LILCO's legal authority to implement the Transition Plan, LILCO states that these concerns are among the issues presently in litigation before an Atomic Safety and Licensing Board and the District Court for the Eastern District of New York. Further, LILCO's view that it possesses the legal authority to implement all necessary aspects of the Transition Plan is contained in pleadings before these bodies and resolution of legal authority issues must await the results of this litigation.

We request that you review LILCO's proposed resolutions and inform us as to whether this information satisfactorily responds to the identified inadequacies in the Shoreham Transition Plan. Based on discussions between Robert Wilkerson of FEMA and David Matthews of NRC on February 1, 1985, I understand that FEMA will provide the results of this review by April 1, 1985.


Edward L. Jordan, Director
Division of Emergency Preparedness
and Engineering Response
Office of Inspection and Enforcement

Enclosure:
Ltr. dtd. 1/16/85 from
J.D. Leonard to H.R. Denton

cc: See Attached

February 8, 1985

-2-

cc: J. M. Taylor, IE
R. H. Vollmer, IE
J. G. Partlow, IE
S. A. Schwartz, IE
D. B. Matthews, IE
C. R. Van Niel, IE
F. Kantor, IE
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E. S. Christenbury, ELD
R. Caruso, NRR
R. R. Bellamy, Region I
R. S. Wilkerson, FEMA

Falk Korter
EW/W 359



LONG ISLAND LIGHTING COMPANY

SHOREHAM NUCLEAR POWER STATION

P.O. BOX 618, NORTH COUNTRY ROAD • WADING RIVER, N.Y. 11792

JOHN D. LEONARD, JR.
VICE PRESIDENT - NUCLEAR OPERATIONS

January 16, 1985

SNRC-1133

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington DC, 20555

FEMA Findings on LILCO
Transition Plan for Shoreham
Shoreham Nuclear Power Station - Unit 1
Docket No. 50-322

Dear Mr. Denton:

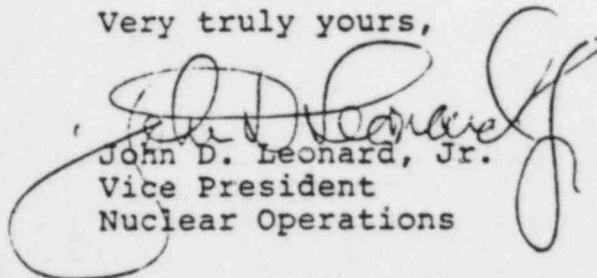
Your November 28, 1984 letter requests that LILCO review and inform the NRC by January 1, 1985 of its intended response to each of the eight inadequacies relative to NUREG-0654 criteria, and to the legal concerns, identified by the FEMA Regional Assistance Committee (RAC) in its review of Revision 4 to the LILCO Transition Plan for Shoreham.

Attachment 1 entitled "Summary of Response to Consolidated RAC Review of LILCO Transition Plan Rev. 4 for Shoreham: Items Graded Inadequate" summarized, for each of the eight listed deficiencies, its NUREG-0654 criterion number, the RAC comment, and LILCO's proposed resolution. These resolutions will be contained in the next revision to the Shoreham offsite emergency plan. No date has yet been set for issuance of that revision.

With respect to the RAC concerns involving LILCO's legal authority to implement its offsite emergency plan, they, or various aspects of them, are presently among the issues being raised in litigation before one Atomic Safety and Licensing Board in this case (Docket 50-322-OL-3 (Emergency Planning)), as well as in lawsuits pending before the United States District Court for the Eastern District of New York (Citizens for an Orderly Energy Policy, et al., v. Suffolk County, Docket No. 83-4966) and the New York Supreme Court, Suffolk County (Cuomo, et al. v. LILCO, Consolidated Index No. 84-4615). LILCO's view on these issues -- namely,

that it possesses the legal authority to implement all necessary aspects of the Transition Plan -- is set forth at length in pleadings before each of those bodies. Under present circumstances, further resolution of "legal authority" issues must abide the results of this litigation.

Very truly yours,



John D. Leonard, Jr.
Vice President
Nuclear Operations

CAD/kv

Enclosure: As stated

cc: Mr. P. Eselgroth

ATTACHMENT

1

SUMMARY OF RESPONSES TO CONSOLIDATED RAC REVIEW
OF LILCO TRANSITION PLAN REV. 4 FOR SHOREHAM
ITEMS GRADED INADEQUATE

Item No.	RAC Comment	Resolution
b(1)	LILCO has indicated in their summary of responses to the consolidated RAC review for Revision 3 of the plan (see page 2 of 13), that this is a legal authority issue to be addressed elsewhere and there is no modification to Revision 4 of the plan. Therefore, the legal authorities/bases of the LERO plan are not yet defined and for this reason, the element has been rated inadequate.	See cover letter
3(1)	A determination of the overall adequacy of these ambulance and ambulette resources must await tabulation of the transportation needs of non-institutionalized mobility impaired (see example Invalid/Disabled Evacuation Listing, Zone Q, Procedure OPIP 3.6.5, Attachment 1).	A copy of the confidential computerized Homebound Evacuation Listing will be available for FEMA's review during the upcoming FEMA/NRC observed exercise.
3(2)	The letter of understanding with FAA should be a letter of agreement from the agency to LILCO (see Appendix B, B-54).	A letter of agreement with the FAA is being requested and will be included with the letters of Agreement, Appendix B. If the letter cannot be obtained, FAA support will be requested through FEMA under the auspices of the FRERP.
3(3)	There are no letters of agreement included in the LILCO Transition Plan with the facilities designated to serve as relocation centers. This element has been rated inadequate because the plan must contain letters of agreement with the facilities to be used for the monitoring and decontamination of evacuees.	LILCO has arranged for the use of the Nassau County Veteran's Memorial Coliseum as a reception center. LILCO has obtained a letter of agreement from Hyatt Management to allow LERO to monitor and decontaminate evacuees at the facility. In addition, Nassau County has written a letter to Hyatt Management Corporation approving the use of the facility in case of a Shoreham emergency. These letters are enclosed in Attachment 2.

SUMMARY OF RESPONSES TO CONSOLIDATED RAC REVIEW
OF LILCO TRANSITION PLAN REV. 4 FOR SHOREHAM
ITEMS GRADED INADEQUATE

Item No.	RAC Comment	Resolution
A.4(1)	The letters of agreement with facilities to be used as relocation centers are missing. This element has been rated inadequate because the plan must contain letters of agreement with the facilities to be used for the monitoring and decontamination of evacuees. Also see analysis comments for element A.3.	See element A.3(3). In addition, a letter of Agreement with the Nassau County Red Cross has been obtained, is enclosed in Attachment 2. This letter identifies the Congregate Care Centers that will be activated in Nassau County to shelter evacuees. While a small number of facilities listed are operated by New York State, the remaining facilities provide more than enough capacity for the number of evacuees expected to require shelter assistance.
A.7(1)	It should be noted that the LERO radiological procedures are still included in the plan. These procedures apparently remain from Revision 3 wherein LERO was to provide field teams if needed. In Revision 4, there is no plan to use LERO personnel since DOE-RAP will perform field monitoring functions; therefore, the LERO radiological procedures should be deleted from the plan.	OPIP 3.5.1, Downwind Surveying, will be removed from the procedures. Support organizations providing this service will use their own procedures.
A.7(2)	Page 7 in Procedure OPIP 3.5.1 has not been changed in Revision 4. The plan at page 3.5-2a, lines 3-6, states that laboratory analysis can be performed. The potential problem alluded to in line 3 of page 3.5-2a (i.e., the calculation of thyroid dose from the iodine samples taken in the field) has not been addressed by any changes in the operating procedures set forth in Procedure OPIP 3.5.1, which should provide for expedited laboratory analysis.	OPIP 3.5.2 will be revised to state that the survey team will, if instructed by the RAP Team Captain to expedite return of samples, proceed directly to the DOE-RAP headquarters prior to going to the Emergency Worker Decontamination Facility.

SUMMARY OF RESPONSES TO CONSOLIDATED RAC REVIEW
OF LILCO TRANSITION PLAN REV. 4 FOR SHOREHAM
ITEMS GRADED INADEQUATE

No.	RAC Comment	Resolution
1)	<p>Although LILCO's summary of the consolidated RAC review comments for Revision 3 stated that expedited laboratory analysis will be made, the Procedure (OPIP 3.5.2, Section 3.3) does not include provisions for expediting this analysis. Further, Procedure OPIP 3.5.1 does not call for an expedited return of these samples to the laboratory. In fact, the discrepancies about where the location of the Environmental Survey Function, discussed in the comment for element I.8, is also of concern here. The instructions in Procedure OPIP 3.5.1 are to be returned to the Emergency Worker Decontamination Center at the local EOC where they will be transferred to the Environmental Survey Function and taken into the EOC for further analysis. The plan should be revised to clarify that sample media will be taken to Brookhaven National Laboratory for analysis.</p>	<p>Section 3.3 of OPIP 3.5.2 will be modified to provide for expedited return of field samples to Brookhaven National Laboratory for analysis. See also item I.7(2).</p>
2)	<p>Attachments 5 and 6 of Procedure OPIP 3.5.2 have been removed and incorporated into a computerized procedure. The RAC comments for Revision 3 of the plan with regard to the nomogram are still valid. The assumptions used in the computerized approach may not be realistic.</p>	<p>The RAC concerns identified in the Rev. 3 review about OPIP 3.5.2 Attachments 5 and 6 were that the heading of the tables should be 'changed to read, multiply results by 10E-6'. When these values were transferred to the computer memory they were inputted with the correct units. The RAC concerns on the use of the nomogram for calculation of thyroid dose using the TCS air sampler were addressed in Rev. 4.</p>

SUMMARY OF RESPONSES TO CONSOLIDATED RAC REVIEW
OF LILCO TRANSITION PLAN REV. 4 FOR SHOREHAM
ITEMS GRADED INADEQUATE

<u>Item No.</u>	<u>RAC Comment</u>	<u>Resolution</u>
I.10(1)	<p>As noted above in the discussion for element I.9, inclusion of the required information in a computerized procedure may not be adequate, since the previous revision of the plan did not contain the required nomograms, and in the current revision this information has been incorporated into a computer program. LERO anticipates that DOE-RAP will carry out dose assessment computations and, therefore, the LERO computerized methodology may not be necessary. FEMA will evaluate the capability to obtain accurate dose assessment calculations during an exercise of off-site radiological emergency preparedness. The current version of the plan does not contain a method for manual calculation of dose. A procedure for manual calculation was contained in Revision 3 of the plan in the event of computer malfunction. It appears that Revision 4 addresses a problem by removing the affected pages of the plan not necessarily by correcting the problem. If LERO decides to retain their procedure described in the plan, documentation of the computer program should be provided to FEMA for review.</p>	<p>The DOE-RAP Team uses the IRDAM dose assessment model on a portable Osborne Computer. The development of this dose assessment model was sponsored by the NRC and published in NUREG/CR-3012. LERO uses the ACCDOS dose assessment model described in OPIP 3.5.2, on an HP-85b portable computer. This model is mathematically the same that was previously included in the manual calculation method of Rev. 3. The information previously needed to complete the missing nomograms has been developed and included in the computerized software. Both of these systems may be used in the EOC which has a back-up power supply. LILCO feels that the availability of two independent proven and reliable dose assessment systems precludes the necessity of having a manual backup.</p>
J.9(1)	<p>The FDA Emergency PAGs for ingestion are for projected doses of 5 rem whole body and 15 rem to the thyroid; not 25 rem thyroid as stated in the plan. Also the interpretation of how to use the response level tables (i.e., instructions contained in the footnotes) has been incorrectly transcribed from the Federal Register referenced in the plan. In addition, page 3.6-2 lines 46 and 47, should state "5" nuclides, and include Cs-134.</p>	<p>The Plan will be revised to reference the correct FDA PAGs and Cs-134 has been added to the list of nuclides evaluated. The discussion in the Plan will also be revised to correctly quote the Federal Register.</p>

SUMMARY OF RESPONSES TO CONSOLIDATED RAC REVIEW
OF LILCO TRANSITION PLAN REV. 4 FOR SHOREHAM
ITEMS GRADED INADEQUATE

m No.	RAC Comment	Resolution
0.K(1)	<p>LILCO relies on local snow removal organizations who may be accompanied by LERO personnel who will provide dosimetry to ensure that untrained workers do not receive doses in excess of PAGs for the general public (see comment for element A.1.b), the need to coordinate pre-emergency planning for snow removal along evacuation routes is greater in this particular case. This is especially true in view of the fact that since resources may be limited, there is a need to ensure that these resources would be used in an effective manner where sheltering may not be recommended. For example, it would be advisable to ensure that efforts are concentrated on keeping evacuation arteries rather than side streets, driveways, etc. clear. The plan is not clear as to how LERO could coordinate snow removal by normal response functions in the event, however unlikely, they would be needed during an emergency (see pages 2.2-4g and h of the plan). Therefore pre-emergency planning for snow removal on the evacuation routes should be further developed to include administrative procedures, SOPs, etc. These procedures are recommended to ensure that the snow removal strategy would coincide with any evacuation scheme that might be chosen.</p>	<p>LILCO has identified the roads having the highest levels of traffic flow and will add them as an attachment to the procedure. The Brookhaven and Riverhead Townships, Suffolk County and New York State Department of Public Works will be notified of these road priorities in case of an evacuation during or immediately following a snowfall.</p>

ATTACHMENT

2



LONG ISLAND LIGHTING COMPANY

EXECUTIVE OFFICES: 250 OLD COUNTRY ROAD · MINEOLA, NEW YORK 11501

September 25, 1984

Mr. E. B. Sumerlin, Jr.
General Manager
Nassau Veterans Memorial Coliseum
Hyatt Management Corporation of N.Y., Inc.
c/o Nassau Coliseum
Uniondale, NY 11553

Dear Sir:

LETTER OF AGREEMENT FOR USE OF
NASSAU VETERANS MEMORIAL COLISEUM
BY LONG ISLAND LIGHTING COMPANY

This letter confirms our recent discussions regarding the use of Nassau Veterans Memorial Coliseum by Long Island Lighting Company (LILCO) as a reception center during a radiological emergency at the Shoreham Nuclear Power Station.

Use of Facility. Hyatt Management Corporation of New York, Inc., the lessee of the Nassau Veterans Memorial Coliseum, agrees to allow LILCO to use the Coliseum, consisting of the Nassau Veterans Memorial Coliseum building and all parking lots and immediately surrounding property, as a reception center for the general public in planning for and responding to a radiological emergency at Shoreham, pursuant to the Local Offsite Radiological Emergency Response Plan (LILCO Plan) developed by LILCO. LILCO's use of the Coliseum pursuant to the LILCO Plan shall include the following activities:

1. Identifying the Coliseum, in the LILCO Plan and brochures and other information distributed to the public, as a reception center for joint use by LILCO and the American Red Cross in the event of a radiological emergency at Shoreham, where (1) LILCO will register, monitor decontaminate (if necessary), and issue "clean tags" to evacuees, and (2) the Red Cross will provide information and assistance to evacuees as required.

2. Performing radiological monitoring and decontamination, if necessary, in the Coliseum and/or surrounding property in the event of a radiological emergency at Shoreham, including using showers in the building and waterworks on the property for decontamination.

3. Developing layouts and implementing procedures for use of the Coliseum, in cooperation with Nassau County employees to allow LILCO to develop these items expeditiously.

4. Identifying, in cooperation with Coliseum employees, an area in which to store any necessary amounts of equipment and supplies on the property at the facility, and storing such equipment and supplies upon reasonable terms to be agreed to by the parties. ^{EBB}

Access. LILCO will be given ~~reasonable~~ ^{REASONABLE} access to the Coliseum upon notification by LILCO to Hyatt or the County that a radiological emergency exists at Shoreham. LILCO will also be granted access to the Coliseum to plan for and conduct drills and exercises of the Local Emergency Response Organization. These activities will be scheduled on a time-to-time basis by the parties so as not to interfere with the normal operation of the Coliseum.

Expenses. LILCO will be responsible for any expenses (1) incurred in the development of plans for use of the Coliseum, and (2) in using the Coliseum for planning, drills, exercises, or an emergency response. LILCO will reimburse Nassau County and/or Hyatt, as appropriate, for any expenses incurred by them in connection with such activities.

Insurance and Indemnity. LILCO will be liable for all damage to the Coliseum, normal wear and tear excepted, as a result of LILCO's use of the Coliseum pursuant to this Letter of Agreement, and LILCO will indemnify and hold the County and Hyatt harmless from any claims or suits arising out of injury or death to any person or damage to property resulting from LILCO's use of the Coliseum pursuant to this Letter of Agreement. For all contractual and noncontractual non-nuclear liability arising out of either (1) the training of emergency response members or (2) response to a simulated or actual radiological emergency at Shoreham, LILCO will furnish a statement of self-insurance and/or an appropriate certificate of insurance showing that there is in effect, and will remain in effect throughout the term of this agreement, comprehensive general liability insurance, including property damage, in the following amounts:

Comprehensive General Liability (Including Personal Injury and Contractual Liability) - \$1,000,000.

Bodily Injury (each occurrence) - \$1,000,000.

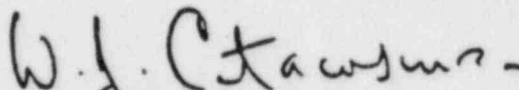
Property Damage (each occurrence) - \$300,000.

LILCO will name, as additional insured, Hyatt Management Corporation of New York, Inc., its officers, directors, agents, and employees, and the County of Nassau and its cognizant officials, as their interests may appear. Within 10 days after the signing of this Letter of Agreement by the County and Hyatt, LILCO will deliver to Hyatt and the County certificates of insurance or evidence of self-insurance with the limits specified above, evidencing that the policies or self-insurance required from LILCO are in full force and effect.

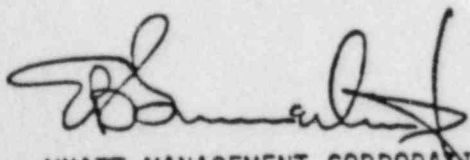
Mr. E. B. Sumerlin, Jr.
September 25, 1984
Page 3

If you find that this Letter of Agreement accurately represents our understanding regarding LILCO's use of the Coliseum during an emergency at Shoreham, please sign the Letter below and return it to me. Thank you very much for allowing us to use the Coliseum in our efforts to aid the public in the unlikely event that an emergency were to occur at Shoreham.

Very truly yours,



Dr. William J. Catacosinos
Chairman of the Board and
Chief Executive Officer
Long Island Lighting Company



HYATT MANAGEMENT CORPORATION
OF NEW YORK, INC.

DATE: 10/8/84

FRANCIS T. PURCELL
COUNTY EXECUTIVE



NASSAU COLISEUM

OFFICE OF THE EXECUTIVE
NASSAU COUNTY EXECUTIVE BUILDING
ONE WEST STREET
MINEOLA, N. Y. 11501

OCT 2 KECB

October 1, 1984

Mr. E.B. Sumerlin, Jr.
Vice President/General Manager
Nassau Veterans Memorial Coliseum
Hyatt Management Corporation of New York, Inc.
Uniondale, New York 11553

Dear Mr. Sumerlin:

This letter will confirm discussions between members of my staff with you and officials of the Long Island Lighting Company regarding the use of the Nassau Veterans Memorial Coliseum as a reception center for the public in the event of a radiological emergency at the Shoreham Nuclear Power Station.

I am aware of and approve the use of the Coliseum as a reception center for members of the public requiring assistance from the Local Emergency Response Organization and/or the American Red Cross as a result of any accident at Shoreham which results in the recommendation that the public evacuate from part or all of the Emergency Planning Zone around Shoreham. Included will be:

- a. The identification in public information of the Coliseum as the reception center,
- b. The use of the Coliseum for performing radiological monitoring and decontamination as necessary, and
- c. Cooperation with LILCO in planning, training and exercises as well as in the event of an accident.

FRANCIS T. PURCELL
COUNTY EXECUTIVE



Mr. E. B. Sumerlin, Jr.
Page 2

October 1, 1984

I want to assure you that in the event of an emergency at Shoreham, as at all times, the Nassau County Police Department will be prepared to protect the public welfare of all those in Nassau County. The Department will, therefore, be available to provide assistance with security at the Coliseum, and to facilitate traffic flow and parking at the Coliseum and its approaches.

I hope that an agreement can be reached promptly with the Nassau County Chapter of the American Red Cross to formalize their relationship with the Coliseum for its use by the Red Cross during any emergency, including a radiological accident at Shoreham.

Very truly yours,

Francis T. Purcell
County Executive

FTP:ser

cc: Dr. William J. Catacosinos
Long Island Lighting Company
Mr. Frank Resbury
American Red Cross



File
LONG ISLAND LIGHTING COMPANY

175 EAST OLD COUNTRY ROAD • HICKSVILLE, NEW YORK 11801

MATTHEW C. CORDARO, Ph. D.
VICE PRESIDENT

October 23, 1984

Mr. Frank M. Rasbury
Executive Director
American Red Cross
Nassau County Chapter
264 Old Country Road
Mineola, New York 11501

Letter of Agreement for Use of
Nassau Veterans Memorial Coliseum by American Red Cross

Dear Mr. Rasbury:

As you know, Long Island Lighting Company has entered into an agreement with Hyatt Management Corporation for the use of the Nassau Veterans Memorial Coliseum (Coliseum) as a reception center pursuant to the Local Offsite Radiological Emergency Response Plan (LILCO Plan) developed by LILCO. A copy of that agreement, dated September 25, 1984, is attached to this letter. The purpose of this letter is to set out our understanding regarding LILCO's and the American Red Cross' use of the Coliseum as a reception center pursuant to the LILCO Plan.

LILCO will identify the Nassau Veterans Memorial Coliseum in the LILCO Plan, brochures, and other information distributed to the Red Cross in the event of a radiological emergency at Shoreham, where 1) the Local Emergency Response Organization (LERO) will register, monitor, decontaminate (if necessary), and issue "clean tags" to evacuees, and 2) the American Red Cross will provide information and assistance to evacuees as required. The American Red Cross will provide Red Cross staff to assist evacuees and to direct evacuees to congregate care centers operated by the Red Cross, chosen from among those on the list provided with the Letter of Agreement between Long Island Lighting Company and the American Red Cross dated July 25, 1984.

Red Cross Staff at the Nassau Coliseum will coordinate with LERO monitoring and decontamination personnel to define a "clean" area from which the Red Cross will operate at the Coliseum; evacuees will be monitored and, if necessary, decontaminated by LERO personnel prior to being directed to Red Cross staff members at the Coliseum. American Red Cross staff at congregate care centers will be trained to send any evacuee who has not been monitored (should any find his way to a congregate care center without first going to the Coliseum) back to the Coliseum for monitoring prior to accepting him into

Mr. Frank M. Rasbury

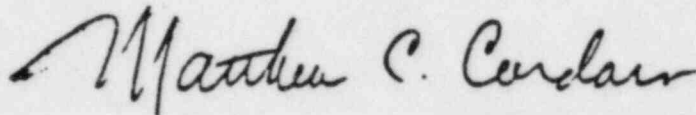
- 2 -

October 23, 1984

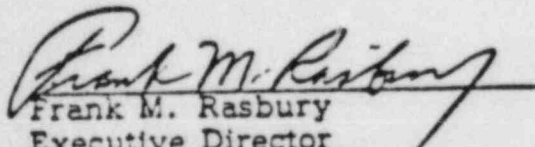
the congregate care centers. The location of specific congregate care centers will not be included in public information materials; all evacuees will be directed to go to the Coliseum.

If you find that this letter accurately represents our understanding regarding the American Red Cross' use with LILCO of the Nassau Veterans Memorial Coliseum during an emergency at Shoreham, please sign the letter below and return it to me. Thank you very much for your continued efforts to provide aid to the public in the unlikely event that an emergency were to occur at Shoreham.

Very truly yours,



Matthew C. Cordaro, Ph.D.
Vice President



Frank M. Rasbury
Executive Director
American Red Cross
Nassau County Chapter

DATED: October 24, 1984



American Red Cross

Nassau County Chapter
264 Old Country Road
Mineola, N.Y. 11501
(516) 747-3500

July 25, 1984

Mrs. Elaine D. Robinson
Long Island Lighting Company
100 East Old Country Road
Hicksville, N.Y. 11801

Re: Letter of Agreement Between
LILCO and the American Red Cross

Dear Mrs. Robinson:

This letter confirms our recent discussions regarding the role of the American Red Cross, as determined by Charter of the U. S. Congress, during an emergency at the Shoreham Nuclear Power Station. Upon notification of an emergency at Shoreham the Red Cross will set up emergency centers at a predesignated facility (or facilities) to be listed in the LILCO Transition Plan. The Red Cross will work with LILCO to identify the facility or facilities to be designated; any facility chosen will be 20 miles or more from the Shoreham site. The Red Cross will staff the designated facilities and will, if necessary, dispatch evacuees from these to additional facilities for shelter. It is agreed that the Local Emergency Response Organization (LERO) will provide monitoring and, if necessary, decontamination at the designated facilities.

In addition, there exist agreements between the Nassau County Chapter of the American Red Cross and the facilities named on the attached list, allowing the Red Cross to use the facilities for shelter during an emergency. These facilities will be relied upon by the Red Cross to provide additional space as relocation centers in the event of a radiological emergency at Shoreham, and it is to these facilities that evacuees would be directed, if necessary from the designated facilities in the LILCO Plan. If the space in these facilities is needed during an emergency at Shoreham, the Red Cross would fulfill its usual emergency response functions at these facilities, including staffing them and providing supplies as needed. It is estimated that these facilities could hold up to 48,000 people. All facilities are 20 miles or more from the Shoreham Nuclear Power Station.



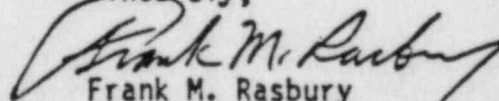
*The Nassau County Red Cross is also affiliated with Garden City Community Fund.
Great Neck United Community Fund Inc., Five Towns United Way.*

Mrs. Elaine Robinson
Long Island Lighting Company
100 East Old Country Road
Hicksville, New York 11801

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LILCO has agreed to provide any training the Red Cross may require. Red Cross personnel will participate as appropriate in emergency planning drills and exercises to assure a successful response in an actual emergency.

Sincerely,


Frank M. Rasbury
Executive Director

FMR:bmb

SHELTER INFORMATION 1982-1983

264 OLD COUNTRY ROAD
MINEOLA, NY 11501AGREEMENT & CAPACITY

1975 500	Baldwin Public Schools High School Drive Baldwin, New York 11510	Contact: Sheldon Fuchs 223-8100 ext. 207/208
1978 2000	Bellmore-Herrick Central E.S. Dist. 1691 Meadowbrook Road Herrick, N.Y. 11566	Mr. Ellinger 623-8900
1978 500	Carle Place Union Free School Carle Place, N.Y. 11514	George Beyhl 334-1900 ext. 224
1978 500	East Meadow Union Free School Dist. Carnan Ave. East Meadow, New York 11554	Claude Stringham Mr. Camp 794-7000 ext. 206
1978 1100	East Rockaway Public Schools East Rockaway H.S. Ocean Ave. East Rockaway, N.Y. 11518	Edward Lattare 599-7589 Robert Morse 599-7589
1981 500	East Williston School District 110 E. Williston Ave. East Williston, N.Y. 11596	334-8020
1978 1400	Elmont Public Schools Elmont Road Elmont, N.Y. 11003	354-4917
1975 1500	Farmingdale Public Schools Van Cott & Grant Ave. Farmingdale, N.Y. 11735	752-6512 249-7680
1981 400	Floral-Park-Bellrose Union Free School Dist. 1 Poppy Place Floral Park, N.Y. 11001	Mr. Russell 352-0768
1981 600	Franklin Square Union Free School Dist. Washington Street Franklin Square, N.Y. 11010	George Reynolds 354-1045
1976 2000	Freeport Public Schools 235 North Ocean Ave. Freeport, N.Y. 11520	Robert Swanson 623-2100
1980 1500	Garden City Public Schools Garden City, N.Y. 11530	Mr. Heinisch 248-7700
1978 1500	Glen Cove Public Schools Doris Lane Glen Cove, N.Y. 11542	Anthony Frizzolo 671-3272

		Contact: 741-7800
1975 1400	Harricks Public Schools Shelter Rock Road New Hyde Park, N.Y. 11040	
1981 1400	Hewlett High School 60 Everit Ave. Hewlett, N.Y. 11557	Fred DePalma 374-5200 Gus Bruno
1974 800	Hewlett-Woodmere Union Free School Dist. 1 Johnson Place Woodmere, N.Y. 11598	Harry Richter 374-5200 ext. 213
1975 2400	Hicksville Public Schools Division Ave. Hicksville, N.Y. 11801	733-2100 Kathleen Fogan
1980 400	Island Park Schools Island Park, N.Y. 11558	432-8933 431-8100
1975 1400	Island Trees Union Free School Dist. Owl Place & Condor Road Levittown, N.Y. 11756	Mr. Fred Neist 731-4020 Stella Clark 731-7247
1975 300	Lawrence Jr. H.S. Lawrence, N.Y.	Berton Thorp 295-2700 ext. 283/253
1975 1400	Locust Valley Central School Locust Valley, N.Y. 11560	James DiGionanel Richard Smith 676-8430
1981 600	Long Beach H.S. Lido Blvd. & Allevard Street Long Beach, N.Y.	William Soldan 889-2410 Larry Bourger 889-2167
1974 1000	Lynbrook Union Free School Dist. Waverly Ave. East Rockaway, N.Y. 11518	Louis Pearsall LY 34861
1978 100	Massapequa Grace Episcopal Church 4750 Merrick Road Massapequa, N.Y. 11758	Father John Jobson 798-1122
1975 1300	Massapequa High School 4925 Merrick Road Massapequa, N.Y. 11758	William A. Eldard 541-6600
1980 500	Malverne U.F.S.D. Woodfield Road Rockville Centre, N.Y. 11570	Lawrence Chapman 887-7733
1975 300	Manhasset Public Schools Memorial Place Manhasset, N.Y. 11030	Dr. Oren Hill 627-4400 Dr. Donald Grote 627-4400

978 00	Mineola Town Hall Jericho Turnpike Mineola, N.Y. 11501	Contact: Mayor Smith 747-2232
978 600	Mineola Union Free School Dist. 200 Emory Road Mineola, N.Y. 11501	747-6700
981 000	Nassau County B.O.C.E.S. Salisbury Center Valentines Rd. & The Plain Rd. Westbury, N.Y. 11590	997-8700
975 500	No. Bellmore U.F.S.D. 2616 Martin Ave. No. Bellmore, N.Y. 11710	221-2200
978 00	North Merrick U.F.S.D. 1775 Old Mill Road No. Merrick, N.Y. 11566	379-4070
980 00	North Shore Schools Sea Cliff, N.Y.	671-5500
982 00	Oceanside Merle Ave. School Merle Ave. Oceanside, N.Y. 11572	678-1200
978 200	Oyster Bay-East Norwich School Dist. Oyster Bay, N.Y. 11771	922-3170
981 500	Flainedge Public Schools Eickville Road Bethpage, N.Y. 11714	Norman Black 735-8100 ext. 1304
978 00	Plainview-Old Bethpage Central School Plainview, N.Y. 11803	938-5400
978 400	Port Washington U.F.S.D. 27 Longview Road Port Washington, N.Y. 11050	Harold Champol 886-2517 Francis Banta 883-4000
978 00	Roosevelt Public Schools 288 Nassau Road Roosevelt, N.Y.	378-7302
981 1400	Roslyn Public Schools Locust Lane Roslyn, New York	621-4900
981 300	St. Ignatious Rectory 129 Broadway Hicksville, N.Y. 11801	Father Herrer 931-0056

1978 1600	Seafood Union Free School Dist. 2147 Jackson Ave. Seafood, N.Y. 11783	Edward ... CA 1-0700
1978 500	Sewanhaka Central H.S. Dist. 555 Ridge Rd. Elmont, N.Y. 11003	328-4878
1975 500	Syosset Central School Dist. Pell Lane Syosset, N.Y. 11791	Joseph Singleton 921-5500
1978 2300	Uniondale Public Schools Goodrich Street Uniondale, N.Y. 11553	485-9804
1978 150	United Methodist Church 40 Washington Street Hempstead, N.Y. 11550	Rev. George Clear 485-6363
1978 100	United Methodist Church 192 Broadway Bethpage, N.Y. 11714	George Hilton WE 1-4345 WE 1-2977
1975 600	Valley Stream U.F.S.D. Corona Ave. Valley Stream, N.Y. 11580	825-8545
1980 400	Valley Stream U.F.S.D. #30 Valley Stream, N.Y. 11580	Don Cierro 483-3969
1978 1600	Westbury U.F.S.D. Jericho Tpke. & Hitchcock Lane Westbury, N.Y. 11590	Elwood Webster 876-2016
1975 1200	West Hempstead U.F.S.D. 450 Nassau Blvd. W. Hempstead, N.Y. 11552	Harry Katow 489-8415
1981 500	WESTBURY CAMPUS SUNY OLD WESTBURY N.Y.	ANDREW R. TIBANSKI 516 876 3146 Bus 516 433 5459 CRK
1984 500	Farmingdale (SUNY) Roosevelt Hall Farmingdale, NY 11735	John Coyne Asst V.P. or security Head