

STATE OF NEW YORK DEPARTMENT OF PUBLIC SERVICE

THREE EMPIRE STATE PLAZA, ALBANY 12223

'83 FEB 25 A9:57

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February 22, 1983

James P. Gleason, Esq.
Chairman
Administrative Judge
513 Gilmoure Drive
Silver Springs, MD 20901

Dr. Oscar H. Paris
Administrative Judge
Atomic Safety and Licensing
Board
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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

In the Matter of
Consolidated Edison Company of New York
(Indian Point, Unit 2)
Power Authority of the State of New York
(Indian Point, Unit 3)
Docket Nos. 50-247-SP and 50-286-SP

Dear Administrative Judges:

Please find enclosed exhibits sponsored by New York State witnesses on emergency planning. This material is being sent to all persons on the service list except for the revised County plan material for three counties. Since copies of this material are available in limited quantities, I am sending one copy of each set to each party that does not already have access to this material. The Westchester plan, as noted in the testimony, is still under preparation and will also be provided to the Minimal Service List.

I have provided material to the parties at various points in the proceeding. For the convenience of the Board and the parties, I hereby provide a listing of the material provided

DS03

James P. Gleason, Esq.
Federick J. Shon
Dr. Oscar H. Paris

-2-

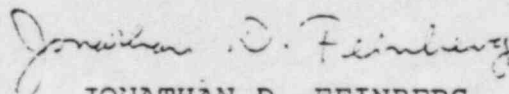
February 22, 1983

together with proposed Exhibit numbers for those documents previously provided.

- NYS/1 - Letter to Donald Davidoff from Sandford Fried.
(distributed to all persons at hearing 1/12/83)
- NYS/2 - New York State Radiological Preparedness Plan.
(State and County Portions) Limited distribution
as per New York State's Motion for Waiver of
Filing Rules for Exhibits, granted by the Board
6/18/78.
- NYS/3 - Excerpt from 708 Report on KI distribution. Sent
with original testimony.
- NYS/4 - Item by item response to RAC Comments.
Distributed to parties at hearing of July 9, 1982.
- NYS/5 - Indian Point 3 Exercise Schedule for Remedial
Actions.
- NYS/6 - State Plan Revisions of 1/14/82 and 7/7/82.

The plan material provided in this mailing represents
revisions of NYS/2. For ease of reference, the individual State
and County revisions have been given separate numbers.

Respectfully submitted,



JONATHAN D. FEINBERG
Staff Counsel
New York State Department
of Public Service

Appearing for New York State
Energy Office
STANLEY KLIMBERG
General Counsel

cc: Service List

Remedial Action Schedule

<u>Statement of Deficiency</u>	<u>Proposed Disposition</u>	<u>Lead Responsibility</u>	<u>Completion Date/Status</u>
E. Notification			
(a) Siren system requires further correction and documentation of operability of the alert (siren) system.	(a) The NRC stated that the 120 day clock will be met if the sirens are working. The utilities will provide documentation that the sirens, that were part of the original design are in place and now work. Acceptance testing will come later.	(a) Con Edison PASNY	Total documentation due 9/13/82 COMPLETED 9/22/82-ACCEPTABLE 12/1/82
(b) State and county plans lack specific criteria for content and use of EES messages.	(b) All protective action orders and all actions affecting the public will be included in EBS messages. A system will be developed to insure the content of all EBS messages and the prompt and accurate transfer of such messages to the EBS stations. News release will supplement information given in the EBS messages. Five generic samples of EBS messages will be developed.	(b) PIO Work Group	System to be submitted by 10/15 9/22 - Criteria for EBS and news releases have been developed. Formal plan writing in process. 10/19 - State, Putnam and Westchester submitted. 11/4 Orange submitted. COMPLETED 11/4/82-ACCEPTABLE 12/1/82
(c) Procedures for PI be revised to include specific items 1, E.(b), E.(h), G.((c) All revisions necessitated by the interim findings will be incorporated or referenced in the State and County PIO plan procedures.	(c) PIO Work Group	Procedures to be submitted by 10/29 COMPLETED 11/4/82-ACCEPTABLE 12/2/82
(d) Inadequate notification Rockland emergency personnel and local schools.	(d) Initial call out methods for emergency personnel and local school notification will be improved.	(d) Executive Work Group	Submit procedure, identify and order paging equipment by 10/15. COMPLETED 10/19/82-ACCEPTABLE 12/1/82

Remedial Action Schedule

<u>Statement of Deficiency</u>	<u>Proposed Disposition</u>	<u>Lead Responsibility</u>	<u>Completion Date/ Status</u>
E. Notification (Con't)			
(e) Procedures for establishing contact with federal agencies should include office phone numbers.	(e) The State Plan will include the telephone numbers of Federal agency office numbers. These numbers are currently listed primarily in controlled copies at the State Warning Point.	(e) REPG	Completion date to be supplied at 9/22 meeting <u>COMPLETED 9/22/82-ACCEPTABLE</u> <u>12/1/82</u>
(f) PIO training is necessary on revised procedures.	(f) Upon the completion of the PIO procedure revisions, all State and County PIO's will be trained on such procedures.	(f) PIO Work Group	Submit schedule 10/29, initial training to commence 11/19. Instead of 11/19, training is scheduled for 11/5. <u>COMPLETED 11/5/82-ACCEPTABLE</u> <u>12/1/82</u>
(g) FEMA does not have the most up-to-date EBS plan.	(g) The Emergency Broadcast System procedures for the Hudson Valley and Catskill New York Operational Area 3 Plan will be sent to FEMA.	(g) PIO Work Group	<u>COMPLETED 9/8/82 -ACCEPTABLE</u> <u>12/2/82</u>
(h) The specific details of EBS activation for the four county area are not in the EBS plan.	(h) The specific details of EBS activation for the four county area, not reflected in the EBS plan, (noted above) shall be detailed in each State and County Plan and provided to the lead EBS station. A four county Letter of Agreement is not necessary. Meetings will be arranged with EBS station management to explain the EBS station, its importance and its operation.	(h) PIO Work Group	Plan & procedure to be submitted 10/15 9/22 - Procedures have been developed. Formal plan writing is in process. State Plan material has been written. County Plan material is being finalized. 10/19 - State, Putnam and Westchester details submitted. Orange to be submitted 10/29. Submit schedule and commence initial training 11/15. State and County meeting responsibility has been delineated and meetings will commence 11/4. To be completed by 11/30. 11/4 Westchester and Orange submitted 11/4 Primary stations training completed <u>COMPLETED 11/17/82 -ACCEPTABLE</u> <u>12/2/82</u>

Interim Findings - Indian Point Radiological Emergency Preparedness
Remedial Action Schedule

REPG-12/27/82

Statement of Deficiency

G. Public Education and Information

(a) The public appears to be uninformed about the Radiological Emergency Preparedness Plan.

Proposed Disposition

(a) The public education program developed by the State, County, and utilities will be initiated.

Target dates to implement the program will be provided as backup information. Public Education materials will be provided to FEMA as implementation is actually completed, as per existing procedures.

Documentation of specific dates will be provided via formal submission quarterly (see G.c)

(b) Inadequate distribution of the brochure, Indian Point Planning & You.

(b) Further clarification from the RAC has been requested. Copies of the previously transmitted distribution methodology letters were forwarded to FEMA.

9/22 - more specialized distribution methods will be developed and implemented to provide that new and current residents receive the brochure or are made aware of how to obtain the brochure.

(c) Need for publication of the brochure in language(s) other than English.

(c) Although not an 0654 requirement, the State, Counties and utilities recognize the need to investigate the need for non-English speaking public awareness of what to do in the event of an emergency. A survey will be done on the size and number of foreign speaking communities in the plume emergency planning zone.

Lead Responsibility

(a) PIO Work Group

(b) PIO Work Group

(c) PIO Work Group

Completion Date/
Status

Program to be submitted 10/29

Program outline has been designed, agreed to and formal plan writing in process (9/22)
10/19 - State and Putnam program submitted.
10/20 - Target dates submitted.

Draft PSA and advertisements will be run by 11/15.

11/4 Westchester and Orange submitted

COMPLETED 11/7/82-ACCEPTABLE
12/1/82

Completion date to be supplied at 9/22 meeting

Distribution methods to be submitted by 10/29

COMPLETED 11/4/82-ACCEPTABLE
12/1/82

Survey to be submitted 10/29

9/22 - Data is being analyzed

COMPLETED 11/4/82-ACCEPTABLE
12/1/82

Statement of Deficiency

Proposed Disposition

Lead Responsibility

Completion Date/
Status

G. Public Education and Information
(cont'd)

(d) Inadequate arrangements for dealing with rumor control.

(d) The "Oswego Model", tested and approved by all parties at the August 11 JAF Exercise will serve as a basis for the rumor control program at Indian Point. This program will be tailored and then added to each State and County plan.

(d) PIO Work Group

Program of system and equipment to be submitted 10/29. Program has been developed and accepted. Formal plan writing is in process (9/22). State Plan material has been written. County Plan material is being finalized. 10/19 - State and Putnam program submitted.

11/4 Westchester & Orange submitted.

COMPLETED 11/4/82 - ACCEPTABLE
12/1/82

(e) A more adequate description of the public information/public education program, news media briefings and notification of transients should be in the State and County Plans.

(e) An outline of the public information program, news media briefings and notification of transients will be in the State and County plans. Specific details of this program will be forwarded to FEMA upon completion (i.e., pamphlets, posters, etc.).

(e) PIO Work Group

Outline to be submitted 10/15. Outline has been accepted, news media briefing outline has been accepted (see G.A.). (9/22)

10/19 - State and Putnam program submitted. Westchester and Orange to be submitted 10/29.

11/4 Westchester & Orange submitted

COMPLETED 11/4/82 - ACCEPTABLE
12/1/82

(f) Arrangements and procedures for the joint media facility need to be described in detail in the plan.
• Work space for county PIOs was cramped.
• An additional copy machine is needed.
• Wall maps showing Emergency Response Planning Areas are needed

(f) Each State and County plan will describe the floor plan, equipment and internal location information for the joint media facility. Further clarification from the RAC has been requested.

(f) PIO Work Group

Clarification to be supplied by 9/22 meeting.

Required floor plans and equipment lists will be supplied by 10/15.

Clarification received (9/22).

10/19 - State and Putnam details submitted. Westchester and Orange to be submitted 10/29.

10/19 - Agreement has been made to move the Joint Media Center. New locations are actively being considered. 10/29-Submission of alternate news site details promised.

11/4 Westchester & Orange submitted.

11/4 Details of alternate News Center submitted.

COMPLETED 11/4/82 - ACCEPTABLE
12/2/82

9/22 Clarification of details received. Pending the solution of the location, facility description will address deficiency.

Physical location and the physical space constraints of the Joint Media Center are still in question.

Remedial Action Schedule

<u>Statement of Deficiency</u>	<u>Proposed Disposition</u>	<u>Lead Responsibility</u>	<u>Completion Date/Status</u>
J. Protective Response			
(a) Methods for notification of transients must be provided.	(a) Copy and dissemination schedule for posters and telephone book insert will be forwarded to FEMA upon completion. Details on the interim notification methods will be provided.	(a) PIO Work Group	To be submitted by 10/29 Dissemination to be completed by 1/31/83. As plants are in cold shut down there is no need for interim method details. <u>COMPLETED 11/4/82 - ACCEPTABLE</u> <u>12/1/82</u>
(b) Maps which include population by ERPA should be displayed in EOCs.	(b) Maps with population distribution by ERPA are available for use at State and County EOCs. REPG will provide information on EOC population maps to RAC.	(b) REPG	Provide status by 9/15 Counties completed 9/8 - State EOC to be completed by 10/1. <u>COMPLETED 10/1/82 - ACCEPTABLE</u> <u>12/17/82</u>
(c) The State has decided not to provide thyroid blocking agents to emergency workers.	(c) State policy now calls for the provision and dissemination of KI to emergency workers and special populations. This policy will be included in the State Plan.	(c) REPG	To be completed by 10/15 Draft outline done 10/5. <u>COMPLETED 10/19/82 -</u> <u>ACCEPTABLE-12/2/82</u>
(d) The plans provide insufficient site-specific means for dealing with impediments to evacuation.	(d) Further details of the means for clearing evacuation routes will be included or referenced in State and County plans.	(d) Plans Revision Task Force	Details to be submitted by 10/15 <u>COMPLETED 10/19/82 - ACCEPTABLE</u> <u>12/2/82</u>
(e) Describe more adequately in the State Plan, the measures for protection of the ingestion pathway. (Maps, lists of food processors, identification of reservoirs, etc., must be provided or material adequately referenced.)	(e) Further clarification has been requested from the RAC. 9/22 Provide a surface water inventory. Provide 50 mi. EPZ maps identifying location of produce farms. Provide maps showing dairy farms in 10 and 50 mi. EPZ.	(e) Ingestion Task Force	Clarification to be supplied by 9/22 meeting Clarification supplied (9/22). To be completed by 10/29. RAC to review material 11/15/82 <u>COMPLETED 11/17/82 - ACCEPTABLE</u> <u>12/1/82</u>

Interim Findings - Indian Point Radiological Emergency Preparedness

Remedial Action Schedule

REPG-12/27/82

<u>Statement of Deficiency</u>	<u>Proposed Disposition</u>	<u>Lead Responsibility</u>	<u>Completion Date/Status</u>
J. Protective Response (Con't)			
(f) Plans should be developed to provide for relocation centers.	(f) The deficiency addresses 0654 defines Relocation Centers. The plans recognize two types of centers, Reception Centers and Congregate Centers. The definition of Relocation is analogous to Reception Centers. Such capability as designated in the plans will be reiterated.	(f) Radiological	Define issues by 10/1 Issues defined 9/22. Procedures will be submitted 10/20. Initial training will be completed by 11/29. Procedures submitted 10/19. Procedures resubmitted 11/4. Revised Procedures do not require additional training other than K(b). <u>COMPLETED 11/4/82 - ACCEPTABLE</u> <u>12/1/82</u>
(g) Inadequate collection and transmission of field data for consideration of decisionmakers.	(g) Standard operating Procedures for collection and transmission of field data will be developed. County EOC staffs will be trained.	(g) Radiological Task Force	Procedures to be submitted by 10/15 Training schedule 10/15 Initial training will be completed by 11/29. Procedures submitted 10/19. <u>COMPLETED 11/30/82 - ACCEPTABLE</u> <u>COMPLETED BY 11/19 12/1/82</u>
(h) Evacuation of non-institutionalized mobility impaired persons is not addressed.	(h) Revise State and County plans to reflect the program to identify & evacuate such persons.	(h) Plan Revision Task Force	<u>COMPLETED 11/4/82 - ACCEPTABLE</u> <u>12/2/82</u>
(i) No evacuation commitments from Bus Operators, or locations and numbers of buses, bus radios and maps.	(i) Compensating measures will be developed and included in plans for the provision of supplemental personnel.	(i) Executive Task Force	To be submitted by 10/29 <u>COMPLETED 11/4/82 - OPEN 12/2/82</u>
(j) Some relocation centers are located too close to the plume exposure EPZ.	(j) Details as to specific centers will be provided by FEMA. Appropriate revisions will be made.	(j) FEMA-RAC	Clarification to be provided at 9/22 mtg <u>COMPLETED 9/23/82 - ACCEPTABLE</u> <u>12/1/82</u>
(k) During the exercise, a lack of maps was noted at the State and some county EOCs.	(k) Additional maps are now available. RAC will identify specific types and locations where additional maps should be located. 10/19 - "Population maps were only available in Westchester County Executive Office."	(k) FEMA-RAC	Clarification to be provided at 9/22 mtg. Clarification provided 9/22. Further clarification to be provided by 10/20. Clarification provided 10/19. <u>COMPLETED 10/20/82 - ACCEPTABLE</u> <u>12/1/82</u>

Interim Findings - Indian Point Radiological Emergency Preparedness

Remedial Action Schedule

REPG-12/27/82

Statement of Deficiency

Proposed Disposition

Lead Responsibility

Completion Date/
Status

K. Radiological Exposure Control

(a) Absence of permanent dosimetry and 24-hour monitoring capability. More sensitive self-reading dosimeters are needed. No permanent record devices (film badges or TLDs) were available in the counties.

(a) Permanent dosimeters (TLDs) and self-reading pocket dosimeters (0-5 R) with chargers have been ordered. The capability for 24-hour operation (i.e., shift changes) will be demonstrated during the next exercise.

(a) REPG

(Distribution plan by 9/1)

COMPLETED 9/1/82 - ACCEPTABLE
12/2/82

Permanent record dosimeters will be exchanged (returned) on an annual basis.

Procedure will be modified by 10/20

COMPLETED 10/19/82 - ACCEPTABLE
12/2/82

(b) Current decontamination procedures for emergency personnel require revision.

(b) Decontamination procedures are being reviewed and modified. Personnel at appropriate locations will be trained in new methods.

(b) Radiological Task Force

Review present procedures by 9/1.

Procedures for emergency personnel decontamination have been developed and issued. Staff responsible for personnel monitoring and decontamination will be trained by 11/29.

Procedures submitted 10/19
COMPLETED 11/30/82 - ACCEPTABLE
12/2/82

(c) Decontamination protocols (sequences) out of order in Westchester Plan, satisfactory for Putnam and Rockland Plans. The decontamination methods table is missing in the Orange Plan (K.S.B., NUREG 0654 and procedure 3, Attachment 13, Table 1, County RERPs). Decontamination levels should be posted.

(c) Decontamination levels will be displayed in PMC's. Personnel will be trained in application of requirements in conjunction with decontamination training (See K.(b)).

(c) Radiological Task Force

Plan changes by 10/15

Plan changes submitted 10/19
COMPLETED 11/30/82 - ACCEPTABLE
12/2/82

Remedial Action Schedule

<u>Statement of Deficiency</u>	<u>Proposed Disposition</u>	<u>Lead Responsibility</u>	<u>Completion Date/Status</u>
K. Radiological Exposure Control (Con't)			
(d) Disposal of contaminated wastes is not adequately in the County Plans.	(d) Contaminated solid waste will be packaged as appropriate. Disposal will be in accordance with applicable regulations. The Westchester site chosen for decontamination is being reviewed.	(d) Radiological Task Force	Define by 9/1 Methods to be submitted by 10/29. Training is scheduled for 11/29 11/5 method submitted COMPLETED 11/30/82 - ACCEPTABLE 12/2/82
(e) Inadequate calibration and maintenance of monitoring equipment.	(e) Monitoring equipment will be checked for proper operation quarterly, and will be exchanged (replaced) or calibrated annually.	(e) Radiological Task Force	Define by 10/1 Equipment decontamination procedures are described in the NYS Emergency Worker Training Course. Initial training will occur before 11/29. COMPLETED 11/30/82 - ACCEPTABLE 12/1/82
P. Planning Responsibility			
(a) Rockland's non-participation in the four county plan raises a question as to decision maker capability to respond in an emergency.	(a) Rockland County decision makers will be trained on radiological emergency response necessities. Compensating measures will be outlined in the State Plan.	(a) Executive Work Group	Plan revisions will be submitted by 10/20 Training schedule to be submitted 11/4 Plan revision submitted 10/19 COMPLETED 11/30/82 - OPEN 12/2/82
(b) In the absence of a Rockland County plan, there is an inherent lack of capability to update such a plan.	(b) In the absence of a Rockland County plan, provision will be included in the State Plan for updating Rockland response requirements.	(b) Executive Work Group	To be completed 10/20 COMPLETED 10/19/82 - OPEN 12/2/82
(c) In the absence of a Rockland County plan, there is an inherent inability to keep the plan current.	(c) In the absence of a Rockland County plan, provision will be included in the State Plan for keeping Rockland response requirements current.	(c) Executive Work Group	To be completed 10/20 COMPLETED 10/19/82 - OPEN 12/2/82

Remedial Action Schedule

<u>Statement of Deficiency</u>	<u>Proposed Disposition</u>	<u>Lead Responsibility</u>	<u>Completion Date/Status</u>
P. Planning Responsibility (Con't)			
(d) "FEMA is concerned that Rockland County may be unable to implement that plan in the absence of commitment of resources for required equipment, adequate staffing, and the lack of participation in training and drills and exercises." The issue is one of implementation of the plan.	(d) In the absence of a Rockland Plan, compensating measures will be included in the State Plan to insure adequate emergency response in that County.	(d) Executive Work Group	To be completed 10/20 Plan revision submitted 10/19 County training schedule to be submitted <u>COMPLETED 11/18/82 - OPEN 12/2/82</u>

* Public Meetings Issues

submitted 10/1

PIO Work Group - J.R. Dillenback (REPG), Peter Slocum (State PIO), Linda Milstrey (State PIO), Cliff Spieler (PASNY), Jack Brumfield (PASNY), Larry Kleinman (ConEd), Barbara Noble (ConEd), Rowin Lindgren (ConEd), Claire Palermo, (Westchester), Harry Porr, (Orange), Howard Burr (Putnam), Colleen Kohler, (Putnam)

Executive Work Group - Donald Davidoff (REPG), Phil McIntire (FEMA)

Plan Revision Task Force - Donald Davidoff (REPG) and Phil McIntire (FEMA) and staff

Radiological Task Force - Dr. Karim Rimawi (DOH), Joyce Feldman (EPA)

Ingestion Task Force - Dr. Karim Rimawi (DOH), Ronald Bernacki (FDA)

(Items listed as E., G., J., K., and P. are references to the NUREG-0654-FEMA REP-1 Planning Standards deemed inadequate by FEMA.)

NEW YORK STATE EXHIBIT 8

INDIAN POINT DOSIMETER DISTRIBUTION COSTS (Westchester, Rockland, Orange & Putnam)

Self Reading Dosimeters

Westchester	400	@	\$70.00 ea	\$28,000.00
Rockland	300	@	\$70.00 ea	\$21,000.00
Orange	125	@	\$70.00 ea	\$ 8,750.00
Putnam	125	@	\$70.00 ea	\$ 8,750.00
				<u>\$66,500.00</u>

Permanent Record Dosimeters (TLD's)

Westchester	396	@	\$4.50	\$1,782.00
	772	@	\$1.25	\$ 965.00
	1532	@	\$1.80	\$2,757.60
	<u>2700</u>			<u>\$5,504.60</u>
Rockland	297	@	\$4.50	\$1,336.50
	540	@	\$1.25	\$ 675.00
	663	@	\$1.80	\$1,193.40
	<u>1500</u>			<u>\$3,204.90</u>
Orange	297	@	\$4.50	\$1,336.50
	488	@	\$1.25	\$ 610.00
	15	@	\$1.80	\$ 27.00
	<u>800</u>			<u>\$1,973.50</u>
Putnam	110	@	\$4.50	\$ 495.00
	200	@	\$1.25	\$ 250.00
	190	@	\$1.80	\$ 342.00
	<u>500</u>			<u>\$1,087.00</u>

\$78,270.00

NEW YORK STATE EXHIBIT 9

Indian Point

Summary of Training Provided to State and Local Emergency Workers

March 1982 - February 1983

Westchester County TrainingAgency: POLICECourse Title: RADIOLOGICAL EXPOSURE CONTROL COURSE (3 1/2 Hours)

<u>Dates</u>	<u># Attendees</u>		<u>Dates</u>	<u># Attendees</u>		<u>Dates</u>	<u># Attendees</u>
1982:							
3/23	28		10/14	23		2/10	15
4/28	8		10/20	24		2/15	15
6/4	30		10/21	16		2/15	15
7/28	25		10/27	26		2/15	20
7/28	28		10/28	16		2/16	15
8/4	23	<u>1983:</u>	1/19 Chiefs	12		2/17	40
	23		2/4	47		2/17	15
	15		2/8 Chiefs	28		2/28	(50)
9/29	20		2/9	10		2/28	(50)
10/6	28		2/9	15		3/1	(90)
10/7	28		2/10	15			
10/13	20						

Agency: FIRECourse Title: RADIOLOGICAL EXPOSURE CONTROL COURSE (4 Hours)

<u>Dates</u>	<u># Attendees</u>		<u>Dates</u>	<u># Attendees</u>		<u>Dates</u>	<u># Attendees</u>
1982:							
3/23	25		8/8	20		10/20	20
5/5	15		8/10	15		10/22	20
5/14	12		8/17	20		10/26	20
5/18	15		8/20	20		10/29	20
5/27	15		8/24	20		11/3	25
5/28	15		8/30	20		11/5	25
6/2	10		9/1	15		11/29	20
6/14	15		9/7	15		11/30	20
6/15	10		9/8	20		12/1	15
6/17	10		9/14	15		12/2	15
6/18	10		9/15	20		12/3	15
6/21	10		9/21	15		12/7	15
6/24	10		9/30	20		12/8	15
6/28	10		10/1	20		12/9	15
6/29	10		10/5	20		12/15	15
7/7	20		10/8	20		12/16	15
7/28	20		10/13	20		12/20	15
8/3	20		10/15	20		12/21	15
8/3	15		10/18	20			

Agency: NUCLEAR FACILITY LIAISON OFFICE

Course Title: RADIOLOGICAL PLAN AND PROCEDURES (3 Hours)

Dates # Attendees

1983:

2/17 5

Agency: PARK3

Course Title: RADIOLOGICAL EMERGENCY PLAN AND PROCEDURES - EXPOSURE CONTROL
(3 Hours)

Dates # Attendees

1983:

3/1 (25)

Agency: BUS DRIVERS

Course Title: RADIOLOGICAL EMERGENCY PLAN AND PROCEDURES - EXPOSURE CONTROL
(3 Hours)

Dates # Attendees

1983:

3/3 (30)

EOC TABLE TOPS AND PRE-EXERCISE DRILLS

1983:

<u>2/3</u>	2 hours	60
<u>2/9</u>	3 hours	60
<u>2/17</u>	3 hours	60
<u>2/24</u>	All day	(60)

Course Title: RADIOLOGICAL EXPOSURE AND DECONTAMINATION (5 Hours)

Dates # Attendees

1983:

11/23	16
1/12	12
3/1	(12)

Agency: AMBULANCE AND RESCUE

Course Title: RADIOLOGICAL EXPOSURE CONTROL (3 Hours)

Dates # Attendees

1983:

2/15	20
2/16	15
2/17	12

EOC TABLE TOP AND PRE-EXERCISE DRILLS

Dates

1983:

2/23
2/24

COMPENSATING MEASURES TEAM

Dates # Attendees

1982:

11/18	31
11/30	25

1983:

2/3	24
2/15	30
2/23	(30)
3/2	(4)

Agency: RACES

Dates # Attendees

1983:

2/13	15
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Agency: DEPARTMENT OF HEALTH
Course Title: FIELD MONITORING

Dates # Attendees

1982:
11/30 15
1983:2/16 20

Course Title: ASSESSMENT AND EVALUATION (7 Hours)

Dates # Attendees

1983:
2/1 5
2/2 5
2/3 5
2/16 5

Agency: HOSPITALS
Course Title: RADIOLOGICAL EXPOSURE CONTROL AND PROCEDURES (3 Hours)

Dates

1982:
4/26
3/3

Agency: CIVIL AIR PATROL AND CIVIL DEFENSE PERSONNEL
Course Title: RADIOLOGICAL PREPAREDNESS PLAN AND EXPOSURE CONTROL (4 Hours)

Dates # Attendees

1982:
8/4 20

Agency: BUS DRIVERS
Course Title: RADIOLOGICAL EXPOSURE CONTROL - PLAN AND PROCEDURES

Dates # Attendees

1982:
11/2 10
1983:
2/2 15
2/15 22
2/19 18
2/26 (30)

ECC TABLE TOP AND PRE-EXERCISE DRILL

Dates

1983:
2/3
2/24

Course Title: ASSESSMENT AND EVALUATION (3 Hours)

<u>Dates</u>	<u># Attendees</u>	<u>Dates</u>	<u># Attendees</u>	<u>Dates</u>	<u># Attendees</u>
1983:					
1/4	2	1/13	2	2/24	2
1/10	2	2/4	2	2/25	2
1/12	2	2/23	2		

Agency: HOSPITALS

Course Title: RADIOLOGICAL PREPAREDNESS PLAN AND PROCEDURES (3 Hours)

<u>Dates</u>	<u># Attendees</u>
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1983:	
2/1	10

Agency: RACES

Course Title:

<u>Dates</u>	<u># Attendees</u>	<u>Dates</u>	<u># Attendees</u>	<u>Dates</u>	<u># Attendees</u>
1983:					
1/11	20	1/27	8	3/10	(15)
1/17	10	2/3	4	3/17	(15)
1/17	15	2/19	10	3/24	(15)
1/19	10	2/23	(12)	3/31	(15)

Agency: AMBULANCE

Course Title: RADIOLOGICAL EXPOSURE CONTROL (3 Hours)

Dates

1983:
1/28
2/11
2/18

EOC TRAINING, TABLE TOP AND PRE-EXERCISE DRILLS

<u>Dates</u>	<u># Attendees</u>	<u>Dates</u>	<u># Attendees</u>	<u>Dates</u>	<u># Attendees</u>
1983:					
1/5	5	2/8	15	3/1	(15)
1/6	10	2/9	25	3/3	(25)
1/7	15	2/22	15	3/4	(15)
1/10	10	2/24	25	3/7	(15)

NEW YORK STATE EXHIBIT 9

Indian Point

Summary of Training Provided to State and Local Emergency Workers

March 1982 - February 1983
(continued)

NEW YORK STATE INDIAN POINT SPECIFIC TRAINING

<u>Date</u>		<u># of Attendees</u>
1982:		
7/16	National Guard Monitoring and Exposure Control (4 hours)	141
7/19	Department of Health Radiological Emergency Preparedness Plan Procedures (2 hours)	5
7/27	DOT, DEC, ODP Monitoring (4 hours)	22
7/28	DEC Monitoring (4 hours)	22
8/4	DOH The Hospitals Role in Radiological Emergencies (3 hrs)	30
8/11	DOT Radiological Emergency Preparedness (3 hours)	13
10/20	ODP Ingestion Pathway (4 hours)	11
1983:1/13	DOH Radiological Emergency Planning (8 hours)	5
1/14	DOH Radiological Emergency Planning (8 hours)	5
1/15	Office of Fire Prevention and Control, REPG, and 17 and County Certified Trainers Radiological Exposure Control (16 hours)	28
1/16		
1/18	DSP Radiological Emergency Preparedness Monitoring (4 hrs)	20
1/19	DSP Radiological Emergency Preparedness Monitoring (4 hrs)	25
1/20	DSP Radiological Emergency Preparedness Monitoring (4 hrs)	22
1/20	DOH Hospital Role (6 hours)	33
1/25	DSP Radiological Emergency Preparedness Monitoring (4 hrs)	20
1/26	DSP Radiological Emergency Preparedness Monitoring (4 hrs)	25
1/27	DSP Radiological Emergency Preparedness Monitoring (4 hrs)	15
2/3	EOC-REPG (3 hours)	35
2/9	EOC-REPC (3 hours)	35
2/9	ODP-Southern-Plan Procedures (3 hours)	25
2/17	EOC-REPG (3 hours)	35
2/17	ODP-Southern-Plan Procedures (3 hours)	25
2/23	Rockland Plan Procedures (8 hours)	(45)
2/24	All State Agencies (9 hours)	250
3/3	ODP-Southern Agency Procedures (3 hours)	(25)
2/7	State-IP B Team	60
2/23	State-IP C Team	(65)

*NOTE: This exhibit represents a conservative listing of training that has been done since the last exercise. Some training courses may have been given, but have not yet been reported.