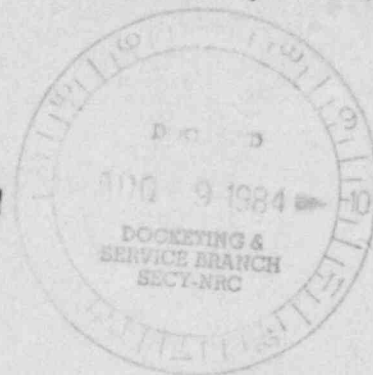


50-322 0L-3

SC EP 69

I-SC-69
11/83



DOCKET NUMBER 50-322(0L-3)
PROD. & UTIL. FAC.

NOVEMBER, 1983

NUCLEAR REGULATORY COMMISSION

Bucket No. 50-322-0L Official Exh. No. SC EP 69
In the matter of _____
Staff _____ IDENTIFIED ☒
Applicant _____ RECEIVED ☒
Intervenor ☒ REJECTED ☐
Cont'g Offr _____
Contractor _____ DATE 6/15/84
Other _____ Witness _____
Reporter R. Eyster

8408170248 840615
PDR ADOCK 05000322
G PDR

G. Access Control

1. Was an appropriate access control posture established? 5 (4) 3 2 1 N.O.
2. Was there an identifiable system implemented that effectively identified authorized personnel within the facility? 5 (4) 3 2 1 N.O.

H. Summary

1. Describe any problems noted by the area being evaluated. Provide a description of the problem, its outcome or effect and any recommended corrective courses of action to alleviate or correct the deficiency. Any of the previously listed areas that receive an evaluation grade of 2 or 1 require a written explanation on this page.

~~Group~~ Group was disorganized and unfamiliar with their procedures at the beginning of the drill causing confusion and little being accomplished. After I spoke to the Transportation Support Coord, ^{the situation} ~~the situation~~ improved. Again, about establishing order, a critique with the ~~contingent~~ group is advisable.

B-2) Transportation Support Communicator unfamiliar with equipment.

B-5) periodic updates were not performed, Transportation Support Coord. apprehensive about taking charge.

B-11) Communicator unfamiliar with Radio jargon.

D-2) See B-5


Evaluators Signature / Date 11/16/82

E-5) Status Board could be approved. Group had prepared own Status Board. Worked well

Area EvaluatedMonitors RatingA. Activation and Response

1. Was the activation/initiation efficient and organized?
2. Were personnel familiar with their responsibilities and respond in a timely manner?
3. Was the person in charge clearly identifiable?
4. Was the transfer of responsibilities accomplished effectively and efficiently?

Traf Gen
 5 4 3 2 1 N.O.

5 4 3 2 1 N.O.

5 4 3 2 1 N.O.

5 4 3 2 1 N.O. NA

B. Communications

1. Were all required and specified communications circuits operable?
2. Were personnel familiar with communications available and the intended use of each?
3. Were there sufficient personnel to conduct communications tasks?
4. Was incoming information effectively and efficiently distributed to appropriate personnel?
5. Were periodic updates made by the senior individual?
6. Were accurate communication logs kept?
7. Were the status boards properly utilized and updated?
8. Did individuals in charge spend an inordinate amount of time on communications, such that their attention was diverted from the incident? (No = 5, Yes = 1)

5 4 3 2 1 N.O. Dedicated Lines
 shall no go
 Reg phone
 load

5 4 3 2 1 N.O.

5 4 3 2 1 N.O.

5 4 3 2 1 N.O.

5 4 3 2 1 N.O. NOT The Right
 info @
 the Right time

5 4 3 2 1 N.O.

5 4 3 2 1 N.O. Release info not y
 No Announcel

5 4 3 2 1 N.O.

Area EvaluatedMonitors RatingG. Access Control

1. Was an appropriate access control posture established? 5 4 (3) 2 1 N.O.
2. Was there an identifiable system implemented that effectively identified authorized personnel within the facility? 5 (4) 3 2 1 N.O.

H. Summary

1. Describe any problems noted by the area being evaluated. Provide a description of the problem, its outcome or effect and any recommended corrective courses of action to alleviate or correct the deficiency. Any of the previously listed areas that receive an evaluation grade of 2 or 1 require a written explanation on this page.

A4. Transportation Support Coord. did not delegate workload. He & Transportation Communicator did majority of work did not delegate work to Bus Coord. & Walker (Admin.)

B1. Direct lines to Pt. Jeff. Starg. Area not operable.

B4. refer to A4. comment.

B5. Not performed.


B6. logs not accurately of efficiently kept.

B10. logs not easily traceable. previous info not readily found.

D1. refer to A4 comment.

D2. random resolution of discrepancies. No actual ^{method} used.

E5. Status board can be improved to provide better tracing of buses once dispatched from company

 11/15/83
Signature / Date

Summarizing, the Transportation group were well educated and knowledgeable of their procedures. No prompting or contingencies necessary. However, group was not orderly. Transportation Support Coord. did not take charge and did not

Area Evaluated

Monitors Rating

G. Access Control

1. Was an appropriate access control posture established?
2. Was there an identifiable system implemented that effectively identified authorized personnel within the facility?

5 4 3 2 1 N.O.
5 4 3 2 1 N.O.

very strong for

for

Time

H. Summary

1. Describe any problems noted by the area being evaluated. Provide a description of the problem, its outcome or effect and any recommended corrective courses of action to alleviate or correct the deficiency. Any of the previously listed areas that receive an evaluation grade of 2 or 1 require a written explanation on this page.

Poor Top down communication
No evac zone announcement
for over 30min after Gen. Emergency
& No announcement of Release



Evaluators Signature

Date

11/17/83

JANUARY 24, 1984

Evaluation Standards

- "5" Excellent - Personnel and equipment always functioned without error. There were no problems encountered and all personnel and equipment functioned at a superior level.
- "4" Good - Personnel and equipment generally performed as expected. Any errors or problems were minor and did not detract from completion of the task.
- "3" Satisfactory - Personnel and equipment performed at an acceptable level. Errors noted were not severe and completion of the task was achieved within acceptable limits.
- "2" Poor - Personnel and equipment generally performed below expectations. There were deficiencies of a significant nature. The areas ability to carry out its function was diminished.
- "1" Failure - Personnel and equipment consistently failed to perform as required. Acceptable completion of the task was not achieved.

N.O. Not Observed

E-5 Radios for Road Crew
More Bullhorns w/ Batteries for
Dosimetry Briefings

C-4 Transfer Pt Coord Dispatch
Form in Bus Route Procedure

B-4 Briefings slow, late, inaccurate
e.g. 'Site Area Alert'

Area EvaluatedMonitors Rating

2. Did personnel check to ensure that all equipment was available and functional early in the activation process? **YES** 5 4 3 2 (1) N.O. No CHECK on TRAFFIC GUIDE RAD 105.
3. If equipment was inoperable or failed in use, were appropriate actions taken to resolve the deficiency? (spares/backup equipment) 5 4 3 (2) 1 N.O.
4. Were there any situations in which the lack of equipment, or a lack of ability to operate the equipment, prevented personnel from completing their tasks? (No = 5, Yes = 1) If so, please indicate details. (5) 4 3 2 1 N.O.
5. Were there any situations in which additional equipment or materials, or different types of equipment could have made the activity more effective? (No = 5, Yes = 1) If so, please indicate details. 5 4 3 2 (1) N.O. - PA SYSTEM.
6. Could the area support the personnel assigned to it? 5 4 3 2 (1) N.O.
7. Were there sufficient resource materials readily available to support the conduct of the response? (maps, reference documents, copies of plans and procedures, data sheets, etc.) 5 4 3 2 (1) N.O.

F. Protective Measures

1. Were appropriate protective measures implemented for response personnel? 5 4 3 2 (1) N.O.
2. Did personnel properly wear protective clothing and dosimetry? 5 4 3 2 (1) N.O.
3. Were appropriate radiological practices observed? 5 4 (3) 2 1 N.O. BRIEFINGS LACKED DETAILS.
4. Were field personnel kept apprised of radiological conditions? (5) 4 3 2 1 N.O.
5. Were response activities conducted with regard for personnel safety, consistent with the need to complete the activity? 5 4 3 2 (1) N.O.

DRILL COMMENTS

Riverhead Staging Area

Communications:

1. Staging Area radio does not have call letters on set.
2. Riverhead is dispatching road crews with Channel 3 radios but can only monitor Channel 10.
3. No written mechanism to determine status of traffic control points dispatched vs. manned.
4. Communications links were not fully utilized; a lot of EOC communications were by radio instead of phone. Problem - in Riverhead the radio and dedicated line are next to each other.
5. Problem with EOC overriding the traffic guides on radio.
6. Some traffic guides faint in receiving radio transmissions inadvertently cut off other guides in the process of transmitting.

Bus Drivers:

1. Triumph Bus Company could not be found.
2. Standardize instructions for recording times military vs. regular.
3. Bus Driver Dispatcher briefing (2 minutes) asked for volunteers to drive routes. Briefing did not address current plant status/radiological status.
4. Problem - not all drivers had vehicles.
5. Feedback on maps - the spirals were too small, the maps are coming apart.
6. Map W/Edwards Avenue - Riverhead Warehouse Transfer Point - Scale on map is not consistent. Deceiving in one case an inch is a couple of blocks in another its much longer (3 miles).
7. Route 3P-2 - Reves & Doctor Path is a flood area and may be impassable. Was iced on day of drill 1/28/84.

Transfer Point Coordinator:

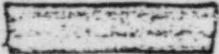
1. (Mercy H.S.) Transfer buses were not dispatched to Selden.
 - a. No maps to relocation center.

b. Procedure OPIP 3.6.4 in plastic does not explicitly instruct coordinator to dispatch transfer buses.

- clear up step 11b
- add new step after step 12

Miscellaneous:

1. EOC request for dispersing KI, no KI in kits, no forms for KI.
2. Status Board updating not assigned to an individual.
3. Route maps not in kits for D1, D2.
4. Names of personnel being broadcast over the radio - may be potential problem - should be added to participant instructions.
5. Comments on afternoon coffee, lukewarm - (left over from morning).
6. Comment from Riverhead Staging Area Coordinator would be beneficial if a checklist was available - was not aware of new checklist in manual. Would like to be able to keep manual rather than have to turn in.
7. Traffic Guide "unidentified by name" did not have a license (suspended license) - a meter reader.



Area EvaluatedMonitors RatingG. Access Control

- | | |
|---|------------------|
| 1. Was an appropriate access control posture established? | (5) 4 3 2 1 N.O. |
| 2. Was there an identifiable system implemented that effectively identified authorized personnel within the facility? | (5) 4 3 2 1 N.O. |

H. Summary

1. Describe any problems noted by the area being evaluated. Provide a description of the problem, its outcome or effect and any recommended corrective courses of action to alleviate or correct the deficiency. Any of the previously listed areas that receive an evaluation grade of 2 or 1 require a written explanation on this page.


B 8. Briefings were slowed, again, with lease agreement discussions. Briefings were also performed with a lack of immediacy.

C 4. Bus Route Procedure 3.6.4 didn't have itemized Transfer Point Coordinator Dispatch Form; Bus Dispatcher was without this at Staging Area.

E 1. Bus Route Maps missing from packages - i.e. wrong routes in packages.

General

Staging Area Coordinator needs key to equipment trailer.


Evaluators Signature

11/28/84
Date

B.9. YES

B.10. There were no logs used.

B.11. Documentation of messages made improvement.

C.1. Administrative Staff can use some more training about communications procedures. Everyone else was very familiar with their procedures.

C.2 YES

D.1. The Staging Area coordinator can do more to keep Staging Area Staff, such as Dosimetry Record Keepers, Lead Traffic Guides, and Bus dispatcher more aware of the overall effort.

D.3. Bus Drivers and Lead Traffic Guides were scattered all over the facility. They were loitering in areas that were used by Staging Area Staff for command and control.

FEBRUARY 8, 1984

Command and Control

1. Person was in charge at all areas
Involvement @ Patchogue good
2. - No general emergency briefing @ P.S. - Patch - was
- People in SA not familiar with general
terminology - i.e. what is a release, class of
emergency etc
- Communications to people ~~not~~ given but they
do not listen.
3. No radiological information given to people going
out to the field

Dissemination & Info. Control

1. IS not enough communication
2. News is O.K.
3. Word for K.I. to the S.A. - not taken in the
S.A. - no forms available for K.I. distribution.
4. K.I. finished on 45 min. Patch at 1 hour
Post Jiff > 2 hours

Communications

1. Radio given out at R.H. prior to the word
coming from the C.O.C. Communications check
was good at R.H.
2. Med. by dispatching form for Lead Traffic Guide
3. General radio protocol format as needed
4. Post Jiff line - cannot receive from C.O.C. - no com.
Lead in
5. Field survey team same freq as Patch ~~to~~
6. Better use of regular dial phones

Summary

In your own words, describe and evaluate the demonstrated activities, capabilities and resources, or lack thereof, covered by this section. Put the facts recorded in the "yes/no" questions in perspective. Explain the deficiencies, and also note the exceptionally good performance.

No general plant briefings for LERO Field workers. It was tough enough getting them briefed for their jobs.

Staging Area Coord with assistance of previously mentioned ~~_____~~ did a credible job despite an overabundance of inexperienced people

Summary

In your own words, describe and evaluate the demonstrated activities, capabilities and resources, or lack thereof, covered by this section. Put the facts recorded in the "yes/no" questions in perspective. Explain the deficiencies, and also note the exceptionally good performance.

I was not aware of any briefing given to the transfer point controllers regarding radiation, plume path. I feel that these people should have been notified via the radio system.

Summary

In your own words, describe and evaluate the demonstrated activities, capabilities and resources, or lack thereof, covered by this section. Put the facts recorded in the "yes/no" questions in perspective. Explain the deficiencies, and also note the exceptionally good performance.

There were no general briefings to staff regarding progress of emergency except brief messages to the leads that there was an Alert and then Site Area Emergency.

Traffic leads did not receive or obtain radiological, ^{weather,} or plume data, although they recognized that they should have. Did not tell traffic guides to don rain gear if under plume or to radio and return if dosimeters read 3.5 R for example.

A couple of route alert drivers seemed confused about what they should actually do.

Additional comments:

Overall, it took too long to get people out:
Route alert drivers took 35 minutes to be dispatched;
Road crews took exactly 1 hour;
Traffic guides took ~~40~~ minutes;
Route spotters took about 50 minutes.

Too much discussion on where to send which crews or teams also contributed to delays. However, had the leads been trained or prepared for the job, ^{delays} ~~the~~ wouldn't have been so bad.

Summary

In your own words, describe and evaluate the demonstrated activities, capabilities and resources, or lack thereof, covered by this section. Put the facts recorded in the "yes/no" questions in perspective. Explain the deficiencies, and also note the exceptionally good performance.

- ① very apparent evacuation coord. is in charge because he is the only one who knows anything.
- ② only the evac coord. & bus dispatcher are aware of emergency status at all times. This info. is not filtered to other staffs.
- ③ ~~personal sent driver sent~~ checking of dosimeter at 15 min intervals not emphasized to drivers -- people out in field, etc. --
people not informed potential flame path & radiation levels at all.

Bus ~~per~~ drivers not briefed on route or any info. ... ie they are to depend only on given maps & routes. This may become a problem when they lose these maps.

Actually bus drivers need not report to staging area when they pick up maps. Why not have them go to bus depot then report to transfer point where transfer point coord. can give him the maps.

Summary

In your own words, describe and evaluate the demonstrated activities, capabilities and resources, or lack thereof, covered by this section. Put the facts recorded in the "yes/no" questions in perspective. Explain the deficiencies, and also note the exceptionally good performance.

1. STAGING AREA COORDINATOR WAS IN COMMAND AT ALL TIMES. ALL STAFF DID QUITE WELL FOR FIRST TIME 'STAND ALONE' DRILL. PARTICIPANTS COMMENT ON FACT OF 3 LEAD TRAFFIC GUIDES YET ONLY ONE BUS DISPATCHER.
 2. LEAD TRAFFIC GUIDE WAS UNAWARE OF G-EMERGENCY AND NEVER INFORMED TRAFFIC GROUPS. KI BRIEFINGS TOOK PLACE BUT THERE WAS NO OBSERVED BRIEFING ON ~~THE~~ ^{THE ACTUAL} RELEASE OCCURRING AT 10 O'CLOCK. A RANDOM POLING OF FIELD PERSONNEL REVEALED BOTH A LACK OF CONCERN AND INFORMATION REGARDING THE EMERGENCY CLASS MUCH LESS THE PLANT OR RELEASE STATUS. A PA SYSTEM WITH DECISIVE AND ATTENTIVE BRIEFINGS SHOULD ALLEVIATE THIS SERIOUS PROBLEM. THE FIELD GROUPS LACK OF UNDERSTANDING AND INFORMATION WAS IN MANY WAYS PRECIPITATED BY THE LACK OF CONCERN WHILE OPERATING IN A 'SIMULATED' / 'GAME' SITUATION.
 3. RADIATION LEVELS WERE NOT KNOWN BY THE STAFF DUE TO NO SUPPLY FROM EOC.
- BUS DISPATCHER BRIEFED ONE ~~CO~~ GROUP CALLING EVENT - 'GENERAL ALERT'.
 - ORIGINAL BUS DISPATCHING WAS FOR 5 TRANSFER POINTS REDUCED TO THREE - NO REASONS WERE GIVEN.

LONG ISLAND LIGHTING COMPANY and
LOCAL EMERGENCY RESPONSE ORGANIZATION
NUCLEAR EMERGENCY PREPAREDNESS EXERCISE

OBSERVER CONTROLLER LOG SHEET

Name: [REDACTED]

Date: 2/8/84

Location: Port Jeff S. A.

TIME

OBSERVATION/COMMENT

1145

- A lot of Plant Noise
during ^{Dispersal} Briefing 1-

- Concern by Senior LERO staff
Re: Loss of Holiday

~~11:50~~

12:00

Site Area Emerg
Declared @ 11:26
X

12:00

General Emerg Declared
@ 12:01

No announcements yet to Turbine
No use of Status Board
No apparent contact between Bus Dispatcher
& Bus Coord. X

2/8/84

Port Jefferson Staging Area Critique

I Activation & Staffing

REALISTIC ATTEMPT AT TRYING TO
BUT WAS COMPLICATED BY
KEY FUNCTIONS
BEING PERFORMED BY PEOPLE WHO
HAD NEVER DONE THESE TASKS
IN A DRILL SCENARIO BEFORE
ESPECIALLY LEAD TRAFFIC GUIDE
WHO HAD ONLY BEEN TRAFFIC
GUIDES BEFORE & DOSIMETRY
RECORD/DISTRIBUTION PEOPLE WHO
HAD NEVER CARRIED THE BALL
IN A DRILL BEFORE AS
WELL AS ADMIN ASSO'S.

II Facilities and Eqp

1 DESK WITH 5 PHONES & A RADIO
ON IT - NEEDS MORE SPACE
THE STAFFING BOARDS COULD HAVE
BEEN USED TO GREATER
ADVANTAGE - PEOPLE IN MANY
CASES WERE WORKING WITH
PROCEDURES THEY HAD NEVER
SEEN BEFORE AND HAVE NO
PERSONAL COPIES OF SAME TO REVIEW
AT FUTURE

COME DIFFICULTIES WITH THE LAYOUT
AT PORT JEFF. ~~COORDINATES A~~
PERMANENT PA SYSTEM WITH MULTIPLE
SPEAKERS ON TURBINE DECK. THE LARGE
BRIEFING ROOM COULD HANDLE NO
MORE THAN 50 AT A TIME WHICH
MEANS 25 SEPARATE STAGGERED BRIEFS
HAD TO BE HELD FOR JUST THE BUS
DRIVERS & TRAFFIC GUIDES ON THE
WAY OUT NOT TO MENTION THE
SMALLER GROUPS. COMMUNICATIONS
AREA HAD 5 PEOPLE ~~SEEN~~ AROUND

III Command & Control

16 specific Briefings & Dosimetry
Briefings were OK. But there was
little in the way of overall
plant briefings or radiological
condition briefing for the troops.

THE Coordinator did a
credible job especially in light
of the inexperienced people he
had to depend on. Unfortunately
the Drill Controller/Observers had
to direct some actions to facilitate
the running of the drill. Good
use was made of an experienced
admin. asst on the Turbine Deck
who acted as the G.A. Coord rep.

IV Dosimetry & Exposure Control

well as ~~the~~ Dosimetry Record Keepers with insufficient DRILL experience
for a drill like this one was supposed to be, a hands
off ~~and~~ critically observed scenario. THIS WAS ONE AREA
that required a lot of control & direction by the specific
controller and ~~the~~ impacted the ability of the Staging Area
to dispatch manpower efficiently

Problems encountered
included insufficient
Dosimetry available as

V Communications

and out of the staging Area but needs improvement
within the staging area itself - as mentioned the need for
P.A. system on the Turbine Deck ~~was~~ portable bullhorn
was insufficient. THERE WAS SOME CONCERN IN
EVIDENCE WITH REGARD TO OFFICIAL & UNOFFICIAL
EITCO COMMUNICATIONS ~~WAS~~ AVAILABLE DURING
DRILL

physically
was
Communications pretty good in

VI Scenario Drill

OVERALL - 'A' BASED ON STAFF
NOT HIGHER THAN 'C' BY FEEL
& MAYBE LESS

SUPPOSED TO BE A HANDS OFF OBSERVER
DRILL BUT THE SITUATION AS IT DEVELOPED
WAS SUCH THAT THE DRILL CONTROLLER WAS AND HENCE, UNABLE TO CRITICALLY OBSERVE

Yes No N/A N/O

12. Name the organizations represented at the EOC.

1920

13. Did the staff (first shift) in general display adequate training and knowledge?

✓ _____

14. Was a round-the-clock staffing capability demonstrated?

_____ X _____

15. If so check which method was used:

_____ shift change
 _____ presentation of a roster
 _____ double staffing

16. If a shift change was demonstrated:

- were incoming staff briefed?

_____ X _____

- did second-shift staff display adequate training and knowledge?

_____ X _____

17. Was someone dispatched to the EOF?

_____ _____

18. If so, at what time?

19. Briefly describe this person's emergency duties.

III. Command and Control

	Yes	No	N/A	N/O
1. Was it apparent that a senior individual in charge at all times?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>
2. Were general briefings given to the Staging Area staff periodically regarding the status of the emergency?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>
3. Were personnel going into the field properly briefed as to:				
- Protective action recommendations?	<u> </u>	<u>✓</u>	<u> </u>	<u> </u>
- Potential plume path and radiation levels?	<u> </u>	<u>✓</u>	<u> </u>	<u> </u>
- Their particular assignment?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>

III. Command and Control

	Yes	No	N/A	N/O
1. Was it apparent that a senior individual in charge at all times?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>
2. Were general briefings given to the Staging Area staff periodically regarding the status of the emergency?	<u> </u>	<u>✓</u>	<u> </u>	<u> </u>
3. Were personnel going into the field properly briefed as to:				
- Protective action recommendations?	<u> </u>	<u>✓</u>	<u> </u>	<u> </u>
- Potential plume path and radiation levels?	<u> </u>	<u>✓</u>	<u> </u>	<u> </u>
- Their particular assignment?	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>

III. Command and Control

	Yes	No	N/A	N/O
1. Was it apparent that a senior individual in charge at all times?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
2. Were general briefings given to the Staging Area staff periodically regarding the status of the emergency?	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
3. Were personnel going into the field properly briefed as to:				
- Protective action recommendations?	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
- Potential plume path and radiation levels?	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
- Their particular assignment?	<u> </u>	<u>X</u>	<u> </u>	<u> </u>

III. Command and Control

	Yes	No	N/A	N/O
1. Was it apparent that a senior individual in charge at all times?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Were general briefings given to the Staging Area staff periodically regarding the status of the emergency?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Were personnel going into the field properly briefed as to:				
- Protective action recommendations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Potential plume path and radiation levels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Their particular assignment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Summary

In your own words, describe and evaluate the demonstrated activities, capabilities and resources, or lack thereof, covered by this section. Put the facts recorded in the "yes/no" questions in perspective. Explain the deficiencies, and also note the exceptionally good performance.

③ personnel were not urged to check dosimeter periodically.

III. Command and Control

	Yes	No	N/A	N/O
1. Was it apparent that a senior individual in charge at all times?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Were general briefings given to the Staging Area staff periodically regarding the status of the emergency?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Were personnel going into the field properly briefed as to:				
- Protective action recommendations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Potential plume path and radiation levels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Their particular assignment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

III. Command and Control

	Yes	No	N/A	N/O
1. Was it apparent that a senior individual in charge at all times?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
2. Were general briefings given to the Staging Area staff periodically regarding the status of the emergency?	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
3. Were personnel going into the field properly briefed as to:				
- Protective action recommendations?	<u> </u>	<u> </u>	<u> </u>	<u>X</u>
- Potential plume path and radiation levels?	<u> </u>	<u> </u>	<u> </u>	<u>X</u>
- Their particular assignment?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>

1. Unfortunately ~~very~~ ^{some} times it had to be a Controller/Observer

3. For N/O read No

Summary

In your own words, describe and evaluate the demonstrated activities, capabilities and resources, or lack thereof, covered by this section. Put the facts recorded in the "yes/no" questions in perspective. Explain the deficiencies, and also note the exceptionally good performance.

It seemed that in general, people did not know much about what the dosimetry was about. Numerous people were asking questions about what to do with forms, who to see, what to do next, etc.

FEBRUARY 15, 1984

LONG ISLAND LIGHTING COMPANY and
LOCAL EMERGENCY RESPONSE ORGANIZATION
NUCLEAR EMERGENCY PREPAREDNESS EXERCISE

OBSERVER CONTROLLER LOG SHEET

Name: _____

Date: _____

Location: _____

TIME

OBSERVATION/COMMENT

Summary — Post JEFFERSON

Act & Station

- One Xtr pt card did not show up - replaced him with someone from another shift
- All ready to go by 7:00 am

FAC & Equipment

- On shift in and at Miller place. D. did not get out until 6 pm. Word got to Fac.
- One almost got stuck in road.
- In different ways to relocation center from Post Jeff Xtr pts.
- A lot of yard vehicles do not have registration to go out on the road.

Command & Control

- Xtr drivers at Miller place asked PS what to do i.e. go to the relocation center. Post Jeff did not know what to do.
- No briefing relative to plant status or radiological conditions.
- No information to field people on status. When there was a free moment word from EOC to PS from re updating the status to the emergency.

Summary

In your own words, describe and evaluate the demonstrated activities, capabilities and resources, or lack thereof, covered by this section. Put the facts recorded in the "yes/no" questions in perspective. Explain the deficiencies, and also note the exceptionally good performance.

- ① The Staging Area Coordinator and function coordinators were in evidence but not that identifiable to the emergency workers. (I knew who they were.)
- ② Staging Area personnel ~~were~~ (documenting) were not briefed regarding emergency status, protective actions, plane travel — other than status board posting. This is not enough. EWs going out were not so advised except to wear personnel dosimetry and take K.I.

Summary

In your own words, describe and evaluate the demonstrated activities, capabilities and resources, or lack thereof, covered by this section. Put the facts recorded in the "yes/no" questions in perspective. Explain the deficiencies, and also note the exceptionally good performance.

Item ②: No general briefings regarding status of plant, plume, progress of evacuation etc. given. Status board was helpful, however.

- Item ③: Lead
- a) Traffic guides took responsibility of ensuring that all their groups had gone through dosimetry briefing -- good procedure.
 - b) Not much radiological or plume data given to or sought by leads. Traffic guides were given what meteorological & plant status ~~and~~ data that was displayed on status board ^{in briefings}. This may not be sufficient for actually ~~send~~ sending people to the EPZ.
 - Also, women traffic guides are supposed to be sent to positions outside EPZ or low rad areas, if possible; no attention given to this matter.
 - c) Acceptable as noted.
- not ...
Lead crews
the spotter's &
the alert drivers
not given this
data in briefings
this is a deficiency.*

I would suggest lead traffic guides review OPIP 3.6.3 for their own information, make out a checklist of briefing data as an aid. I strongly suggest - this for last week's group as well.

III Command & Control

- Need for clarification in procedure on route frequency (times to dispatch) X-routes
- No briefings with regard to plant status. No apparent radiological info at job briefings observed. (Though not supplied by EOC on a timely basis, it was not specifically asked for either)

①

LONG ISLAND LIGHTING COMPANY and
LOCAL EMERGENCY RESPONSE ORGANIZATION
NUCLEAR EMERGENCY PREPAREDNESS EXERCISE

OBSERVER CONTROLLER LOG SHEET

Name: _____

Date: _____

Location: _____

TIME

OBSERVATION/COMMENT

Summer Riverhead

—	Very poor information flow from ROC to R.H. > show from time it declared to time Riverhead knew about it. Need to improve this. When When Director finds out from ERF he should pass this word to the Staging Areas.
—	Staffing good. All persons who should be there were. Completely staffed by 11:30.
—	Status boards good use. used blank boards to keep information.
—	Security procedure in order. when get people there many responsibilities
—	Briefing on to radiological conditions poor.
—	Some decisions given out from a truck but was not
—	Information about KI did not get down to the 3 Riverhead.
—	3 hours to get Route 118 Driven out. per 3A to procedure not on the book.
—	2 of 3 Transfer of evacuation action when down. Word was relayed through the traffic jam.
—	Traffic jam to radio for a 2 hours were receiving a broadcast from that off N.Y.

Summary

In your own words, describe and evaluate the demonstrated activities, capabilities and resources, or lack thereof, covered by this section. Put the facts recorded in the "yes/no" questions in perspective. Explain the deficiencies, and also note the exceptionally good performance.

As far as I know, none of the transfer p.t. coordinators were notified of radiation conditions in the areas they were going.

III. Command and Control

	Yes	No	N/A	N/O
1. Was it apparent that a senior individual in charge at all times?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Were general briefings given to the Staging Area staff periodically regarding the status of the emergency?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Were personnel going into the field properly briefed as to:				
- Protective action recommendations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Potential plume path and radiation levels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Their particular assignment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

III. Command and Control

	Yes	No	N/A	N/O
1. Was it apparent that a senior individual in charge at all times?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
2. Were general briefings given to the Staging Area staff periodically regarding the status of the emergency?	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
3. Were personnel going into the field properly briefed as to:				
- Protective action recommendations?	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
- Potential plume path and radiation levels?	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
- Their particular assignment?	<u> </u>	<u> </u>	<u> </u>	<u>X</u>

III. Command and Control

	Yes	No	N/A	N/O
1. Was it apparent that a senior individual in charge at all times?	_____	_____	_____	_____/_____ ✓
2. Were general briefings given to the Staging Area staff periodically regarding the status of the emergency?	_____	_____/_____ ✓	_____	_____
3. Were personnel going into the field properly briefed as to:				
- Protective action recommendations?	_____/_____ ✓	_____	_____	_____
- Potential plume path and radiation levels?	_____	_____/_____ ✓	_____	_____
- Their particular assignment?	_____/_____ ✓	_____	_____	_____

III. Command and Control

	Yes	No	N/A	N/O
1. Was it apparent that a senior individual in charge at all times?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Were general briefings given to the Staging Area staff periodically regarding the status of the emergency?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Were personnel going into the field properly briefed as to:				
- Protective action recommendations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Potential plume path and radiation levels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Their particular assignment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

III. Command and Control

	Yes	No	N/A	N/O
1. Was it apparent that a senior individual in charge at all times?	<u>X</u>	_____	_____	_____
2. Were general briefings given to the Staging Area staff periodically regarding the status of the emergency?	<u>X</u>	_____	_____	_____
3. Were personnel going into the field properly briefed as to:				
- Protective action recommendations?	<u>NO</u>	_____	_____	_____
- Potential plume path and radiation levels?	<u>NO</u>	_____	_____	_____
- Their particular assignment?	<u>yes</u>	_____	_____	_____

IV. Dosimetry and Exposure Control

	Yes	No	N/A	N/O
1. Was dosimetry issued to all personnel dispatched into the EPZ?	<u> P </u>	<u> </u>	<u> </u>	<u> </u>
2. Were dosimetry records properly completed?	<u> P </u>	<u> </u>	<u> </u>	<u> </u>
3. Were personnel exposures periodically checked?	<u> P </u>	<u> </u>	<u> </u>	<u> </u>
4. Were personnel exposures tracked?	<u> </u>	<u> P </u>	<u> </u>	<u> </u>
5. Were personnel dispatched into the EPZ given thyroid blocking agents?	<u> P </u>	<u> </u>	<u> </u>	<u> </u>
6. Were they instructed in its use?	<u> </u>	<u> P </u>	<u> </u>	<u> </u>

Summary

In your own words, describe and evaluate the demonstrated activities, capabilities and resources, or lack thereof, covered by this section. Put the facts recorded in the "yes/no" questions in perspective. Explain the deficiencies, and also note the exceptionally good performance.

1. JAC. TOOK QUICK AND EFFICIENT CHARGE OF OPERATIONS
 2. THERE WERE NO SCHEDULED BRIEFINGS. INFO WAS RELATED IN AN INDIVIDUAL MANNER. SOME STAFF DID NOT RECOGNIZE THE STATUS BOARD AS BEING ABLE TO PROVIDE UPDATING INFO.
 3. EOC ~~NO~~ DID NOT PROVIDE ANT DIVE RATE OR AREA AFFECTED BY PLUME. ^{EOC} ONLY PROVIDED WIND DIR, SPEED AND INITIAL RELEASE STATUS.
NO DEESCALATION INFO WAS EVER GIVEN
- NO FIELD PERSONNEL WERE ABLE TO CORRECTLY STATE THE CURRENT EMERGENCY STATUS DESPITE CLEAR + CONCISE BRIEFINGS

Summary

In your own words, describe and evaluate the demonstrated activities, capabilities and resources, or lack thereof, covered by this section. Put the facts recorded in the "yes/no" questions in perspective. Explain the deficiencies, and also note the exceptionally good performance.

1. There was good communication between dosimetry personnel at the Staging Area and EOC. However, no back ground information reached these peoples such as protective actions, phase direction, etc.