. 50-32201-3

I-SC-72

PROD & UTIL FA 50 - 322 (01-3)

NOVEMBER, 1983

HUCLEAR REGULATORY COMMISSION

Staff	hereham - Emergency Plans
Applicant	
Intervenor	AEJEGTED
Config Offe	
Contractor	BATE 6/15/84
Other	Witages
Reporter	aster

8408170238 840615 PDR ADDCK 05000322 G PDR

Area Evaluated

Monitors Rating

- 2. Did personnel check to ensure that all equipment was available and functional early in the activation process? Yex-
- 5 4 3 2 1 N.O.
- 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. Here 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
- (5) 4 3 2 1 N.O.
- 5. Here 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.
- motestan 2 1 N.O.

 Moses dedicated Line to

 Staging areas
- 6. Could the area support the personnel assigned to it? Yez=1
- 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.

Protective Measures

- 1. Here appropriate protective measures implemented for response personnel?
- 5 4 3 2 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.
- 4. Were field personnel kept apprised of radiological conditions?
- 5 4 3 2 1 N.O.
- 5. Here response activities conducted with regard for personnel safety, consistent with the need to complete the activity?
- 5 4 3 2 1 N.O.

JANUARY 24, 1984

Access Control

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

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.

(COMMENT TO A-3)

THE PERSON IN CHARGE OF THE TRAFFIC SECTION WAS IDENTIFIABLE ONLY IF YOU KNEW THAT THE "TRAFFIC CONTROL COORDINATOR" HEADS UP THE SECTION. OF COURSE IF YOU LOOK AT THE SIGN-IN BOARD YOU WOULD THEN KNOW THIS.

PROBLEMS NOTED BY THE TRAFFIC SECTION: 1. PEOPLE USING DIFFERENT REV'S OF THE

- IMPLEMENTING PROCEDURES.
- 2. LACK OF RATIOS BY EIELD PERSONNEL
- 3. INSTRUCTIONS LACK COMPLETENESS (EXACT LOCATIONS OF TANK TRUCKS)
- 4. INABILITY TO FOLLOW SCENARIO DUE TO PROCEDURAL COVERAGE (NOT ABLE TO CONTACT HELICOPTER)

COMMENT TO G-2

tvaluators Signature / Date

PEOPLE COULD BE IDENTIFIED BY NAME TALS OR ARM BANDS BUT SECURITY COULD HAVE BEEN RETTER. IT IS STILL POSSIBLE (SAME AS NOV.) TO ENTER THEU THE REARMOST SIDE DOOR (THEU THE TRUCK STORAGE YARD) AND GO INTO THE EOC UNCHALLENGED AS THEIR IS NO GUARD AT THIS ENTRAUCE.

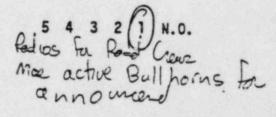
Area Evaluated

- 2. Did personnel check to ensure that all equipment was available and functional early in the activation process?
- 3. If equipment was inoperable or failed in use, were appropriate actions taken to resolve the deficiency? (spares/ backup equipment)
- 4. Here 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. Here 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.
- 6. Could the area support the personnel assigned to it?
- Here there sufficient resource materials readily available to support the conduct of the response? (maps, reference documents, copies of plans and procedures, data sheets, etc.)

Monitors Pating

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

F. Protective Measures

- 1. Were appropriate protective measures implemented for response personnel?
- 2. Did personnel properly wear protective clothing and dosimetry?
- 3. Were appropriate radiological practices observed?
- 4. Mere field personnel kept apprised of radiological conditions?
- 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.
- (5) 4 3 2 1 N.O.
- (5)4 3 2 1 N.O.
 - 5 4 3 2 1 (1.0.
- (5) 4 3 2 1 N.O

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.
- 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.

E-5 Radios for Road Crews
More Bullhorns w/ Ratteres for
Dosinetry Briefings

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

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

DRILL COMMENTS

Riverhead Staging Area

Communications:

- 1. Staging Area radio does not have call letters on set.
- Riverhead is dispatching raod crews with Channel 3 radios but can only monitor Channel 10.
- No written mechanism to determine status of traffic control points dispatched vs. manned.
- 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.
- 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.
- 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 plane status/radiological status.
- 4. Problem not all drivers had vehicles.
- 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).
- 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.

G. Access Control

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

3 4 3 2 1 N.O.

H. Summary

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.

BISES) Pt. Jefferson Direct line inoperable

Other Commisses was untiged.

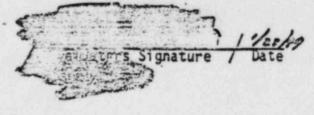
Situation handed over to equipment group.

B4&B6) Communication messages were in discurry will impose with practice.

65 \$ BE) Bette cottal of people By Serior Continitor. The Sie will be desinered to improve group organization.

BII) Communicators need to review Jangon.

aucall apprecial:



FEBRUARY 8, 1984

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.

- adequite give in turbine dede

 space in Communication 100m not efficient in

 meal emergency, people kept runny into each

 others tree. I people kept runny into each

 not enough meeting room space, bus divers had to

 ke sent breighed in separate groups.
- @ states boards avalilable only to people in commentin voven.
- (5) not enough meeting space to of brief a lot group of people(bus driver) all out once.
- 6 not enruel commicatio egimpt in commication room to handle veal energeny.

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.

. RIVERHEAD WHICH HAS SEPERATE BOMS FOR EACH FIELD GROUP WORKS VERT VERT WELL.

3/ A BLANK WHITE BOARD WAS PROVIDED BUT NOT USED. THE 4. OTHER STATUS BOARD WAS UPDATED HOWEVER THERE SHOULD BE A BLANK FOR TIME ENTRY. INFORMATION FROM ECC WAS SPORADICÉ LATE. PLANT STUTUS + RELEASE STATUS WAS NEVER CHANCED FROM HIGH COOLANT ACTIVITY WHICH INITIATED THE ALERT, BELAUTE THE EOL NEVER GAVE UPDATIVE INFORMATION. STAFF NOT JURE ON WIND DIRECTION TO OR FROM! BOARD THOUGH INDICATE TIME OF SIREN SOUNDING.

S. ROOMS WERE ADEQUATE. A PA STOTEM IS A DEFINITE NEED

TOTAL APEA.

- 6. TWO OF FIVE TRANSFER POINT COORDINATOR BOXES WERE NOT AVAILABLE . INFORMATION , LOGS , DISPATCHING HAD TO BE RECONSTRUCTED REJUTES IN 25 MINUTE DELAY IN DISPATULING OF ELECTRE BUS CONCRUP FOR ENTIRE STAGING AREA. THIS THEN DID NOT PERMIT COMPLETION OF MANT ROSTES WHEN FINALT DISPATCHED.
- JEWRITT WAS ADEQUATE WITH MINIMAL EFFECT ON NORMAL ROUTHET IN FIRST FLOOR BUSINESS OFFICES.
 - TRAFFIC GUIDE WAS CARELESS WITH DOSIMETER THREW IT ACROST ROOM TO ANOTHER INDIVIOUAL WHO WAS PASSING THEM OUT.
- JOME MAGNETIC ANTENAEN FEW OFF POOF ENROUSE, THIS PROBLEM UN IDENTIFIED IN TRANSING TAPE.

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 not enough rooms available for simultaneous brilfing of different groups. Turbine deck area appeared over crowded. As mentioned before, documeters were short. Probably also not enough radios for The purpose of this exercise.

Some logs weren't available, coordinator—didn't have a list of personel available.

Additional comments:

Message to send traffic quides was missing 25 of 50 traffic control points, had to add contingency message to maintain propers of exercise.

1.	For each of the following:				
	a. Indicate whether communication was demonstrated (Yes, No, etc.)		Yes		
	b. Name the communication system used on the dotted line (dedicated land line, two-way radio, commercial phone, etc.)				
	- Local EOC/primary commercial phone /backup - Bus Drivers - Traffic Guides Z way Radio - Road Crews . No. Addio - Route Alert Drivers and Cadio - Route Spotters - Transfer Points		三. 艾		₹ = = =
2.	Were radio communications easily understood, i.e., no static?				
3.	Was there too much communication traffic on the radio frequency?	_			1
4.	In general, were communciations good?	4			<u>. </u>
5.	Were messages written down?	1			
6.	Were they retained for future reference?	1			
7.	Were any communications problems rectified?	1		_	

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.

- PETURE ANY DISPATCHIM ORDERS FROM THE EOC. THU WAS POWE TO PRECUES ANY DISPATCHIM ORDERS FROM THE EOC. THU WAS POWE TO PRECUES ANY TIME LOST FOR RADIO CHECK EXPERIENCED DURING PREVIOUS DIRIUS. THE ROAD CREWS AND RUTE SPOTTERS WERE GIVEN ROAD CREWS WETHICLES WITH MULTI CHANNEL RADIOS. NOTE- EX ERCUTING OF TO BE DEMONSTRITED. NO PROCEDURAL MECHANISH EXISTS FOR OBTAINING PROVIDED WITH MULTI CHANNEL RADIOS FOR ROUTE FROTTERS. A POSTURE WAS TENTED. AS PROVIDED WAS THE RADIOS.
- 2. EOF/ TEC TALK WAS HEARD ON THE TRAFFIC GUIDE RADIO IS THIS POSSIBLE? CANNOT COMMENT ON COMMUNICATIONS WITH RAD CREWS OR
- A PLAD CREW MEMBER IN JUPERVISOR CAR HAW DIFFICULT WITH

 RADIO (EQUIPMENT MACFUNCTION). HE THE PROCEEDED TO A TRAFFIC POINT

 TO PEPOPT DIFFICULTY THIS WAS THE PIONT CHOICE AND GOOD

 JUDGEMENT.
 - THE DEDICATED PHONE WAS NOT AS EXTENSIVELY RELIED ON WHEREBY THE OTHER PHONES WERE USED MORE.
 - A TRANSFER POINT COORDINATOR WHILE DISPATENTING BUTES COULD NOT HEAR RAPIO THIS CAN EASILY BE REMEDIED BY TURNING UP VOLUME AND OPENING WINDOW.

FEBRUARY 15, 1984

1.	For each of the following:		
	a. Indicate whether communication was demonstrated (Yes, No, etc.)		
	b. Name the communication system used on the dotted line (dedicated land line, two-way radio, commercial phone, etc.) - Local EOC/primary Communication / backup Occupied land - Bus Drivers Three of Coord - Traffic Guides - Road Crews - Route Alert Drivers Notation - Route Spotters - Mathia - Transfer Points - Ladia - Control - Co		
2.	Were radio communications easily understood, i.e., no static?	<	
3.	Was there too much communication traffic on the radio frequency?	X	
4.	In general, were communctations good?		X
5.	Were messages written down?	<u></u>	
6.	Were they retained for future reference?		
7.	Were any communications problems rectified?		X
2.	Static, a lot of 8 some, a lot of 8 some, a lot of	f walkou	er

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.

- 2 LOST TWO TR PT- COORD.
 EARLY INTERFERENCE ON RAVIO EVENTUALLY DISTAPPEARED
- 3. NO PROBLEMS

 PAPIOS GIVEN OUT EARLY, HOWEVER COMMUNICATOR WAS NOT POST

 PROMONS UP TO DATE ON SHOWN ACTUALLY WENT OUT. THU LES HIM TO BELIEVE THAT SIX PAPIOS WITH INITIAL YARD CHECK IN WENT OUT TO FIFUR AND PRIMER AGAIN CHECKED IN WHEN IN
- ACTUALITY THERE AFOR THESE 6 HEVER WENT OUT.

 7. FADING TRAM. POINT ENDROPHINGS USED RELAT THROUGH

 TRAFFIL GUIDET OR TELEPHONET.
- WHEN STAGING AREA CALLES BROOKHAUEN JUR TRAN PE.
 HE WAS TWO GAR FROM VEHICLE TO HEAR RADIO.

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

OBSERVER CONTROLLER LOG SHEET

Name:		Date:
Locat	ion:	
	TIME	OBSERVATION/COMMENT
		JUMPARY RWARIARD
		Very poor - tomation them At from ADC to
		1 11 3 them them them the
		time Riverled law about it. Need to
		marine tim. per when Durcher finds
		at the ELE property bon for any
		to time Staging Mucs.
	-	stather ford - Al person who should be
		there were completely shapped by 11:30.
		Shaken board good mie. weed blank bonds
		to keep in In matium.
		Samuely procedure in where yet people
		How many. Erstanistes
	-	Brufuy on to radiological on thems for.
	_	Some do inche from out from a front tox
		Ham Rut
		I'm matron about KI ind not get
		dem to the 3 finalest.
		3 hours to get Kank Mank Drivers and.
		persp to procedure not in the brok.
		los 24 to la cour voi 1
		2 of 3 Transfer 1+ executor radion when down . Wend was allowed through the traffic
		^ (
		rathe quite cadro for & 2 hours were received a fortigent follow list off N.J.
		recent a formary fulure limit aff N.J.
THE PARTY NAMED IN		1 100

LONG ISLAND LIGHTING COMPANY and LOCAL EMERGENCY RESPONSE ORGANIZATION NUCLEAR EMERGENCY PREPAREDNESS EXERCISE 3

OBSERVER CONTROLLER LOG SHEET

Name: {

Date:

2/2/184

Location:

FOR BRENTWOOD

TIME.

OBSERVATION/COMMENT

-	Does entone Dunce operator have gre blieggy number?
13/13 =	5 shought get - a Ecc conductor
1525	Manare from Ent & plant shears
	Redus respections for road events very bod
1507	Mande from FOF- relieve ferminaled.
-	NAR Status Go and should say (Beo rice
	1 Da F .
102	Status restrict on los soms 2 has breed on los soms P.5 172
	Why is low in Riverlead.
	- word short reline from sunday. endament. Head be none
1530	we has been street furnished.

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.

STATIONARY TYPE SUPPLIES AND STATUS FORMS WERE NOT AVAILABLE IN COMMUNICATION AREA

COMMUNICATIONS AREA TOO CROWDED WITH INSUFFICIENT TABLE OF SPACE AND CHAIRS.

and the state of t	Facilities & Equipment
	Road Crews reed separate multiband rodios to be signed out kept in egot trade just like Traffic Guiden
	Car trapped in mud at Miller Place Transfer and I almost trapped at
	Insufficient Maps for Relocation Contentes Bus Pouter
Marketa Spirit	Need for Plates on Road Crew Vehicles in event they don't normally have them. Another large briefing soom needed for Bus Driver Briefing.
Will As work	Recommended to Marting Room A!
	Use of Additional Rooms off tusture Beck Assembly area far Pos netry & Small group got briefing

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.

Some additional breifing space would help.

Calls to dispatch various groups come in

smultaneously; and dispatch of traffic

quicks delayed wanting for Room B to

free up.

Them @: Enveloped for traffic actions to

haffic control points 37 25 to missions.

Teatfic quies could not be cent there.

Also, road crews are supposed to

have musti-band radios, which were not

available.

Items O-B: Acceptable as indicated.

FIELD ACTIVITY MODULE

I. Traffic and Access Control

Yes No N/A N/O

1. What traffic or access control point(s) did you observe (give location)?

35

 At what time did emergency personnel arrive at the above location (s)? (Indicate whether arrival time was observed or if you asked them.)

1:50 (OBSERVED)

- 3. Were personnel at each locaton:
 - Familiar with the evacuation routes?
 - Familiar with the location of relocation centers?
 - Able to communicate with the Local (or State) EOC by radio?
 - Able to communicate with personnel at other control points?
- 4. Did they periodically report in/get updates?
- 5. Were procedures for clearing traffic obstructions demonstrated?