

SL6th 9H

ONE Riverhead STATUS Board  
was Broken, please replace!

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50-322-01-5  
5/12/87  
I-SC-91F

RADIOLOGICAL EMERGENCY  
PREPAREDNESS EXERCISE  
OBSERVATIONS AND EVALUATIONS  
  
STAGING AREA MODULE  
EMERGENCY OPERATIONS MANAGEMENT

OBSERVER DATA

Facility: Riverhead Staging Area  
Date: 10/1/86  
Specific Assignment: Lead controller  
Team Leader: \_\_\_\_\_  
Name: \_\_\_\_\_  
Organization: Impell Corp.  
Title: Sr. Technical Specialist  
Business Address: :  
Business Phone: .

8709020119 870512  
PDR ADOCK 05000322  
G PDR

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NUCLEAR REGULATORY COMMISSION

Docket No. 50-327-06-5 Official Ex. No. 912  
In the matter of Shoreham Nuclear Power Plant, Unit 1

Staff \_\_\_\_\_ IDENTIFIED \_\_\_\_\_  
Applicant \_\_\_\_\_ RECEIVED \_\_\_\_\_  
Intervenor / \_\_\_\_\_ REJECTED \_\_\_\_\_  
Cont'g Offr \_\_\_\_\_  
Contractor \_\_\_\_\_ DATE 5-12-87  
Other \_\_\_\_\_ Witness \_\_\_\_\_  
Reporter Joi Walsh

## INSTRUCTIONS

### Introduction

This form is intended as a tool for the observer to use in observing and evaluating an exercise. There are several different "modules" corresponding to different observer assignments; an observer assigned to the EOC should have the "EOC Module", an observer assigned to the Emergency News Center should have the "Emergency News Center Module", and so on. The module you have should correspond to your assignment.

You should bring the form along with you when you go to observe. The questions in it will serve as a useful guide concerning what to look for. You may wish to fill out some or all of the questions while on location.

NOTE: Some responses may already be marked as N/A because the activity is rated under another part of the response organization.

Directly below is a short explanation of what is in the form and how to fill it out; please read this explanation as soon as possible.

### Concept of Form and Instructions for Use

- (1) Structure and Format. Each module is composed of several sections. Each section is about a particular part of the emergency activities - for example, "equipment," "communications," or "dose assessment." Each section has two parts. The first part is a series of questions for you to rate the performance. The second part is a summary section, with space to write a narrative essay summarizing your overall impressions.
- (2) Rating Questions. You have four options when answering these questions: Satisfactory, Unsatisfactory, N/A, and N/O.
  - o "Satisfactory" means that personnel and equipment performed at an acceptable level. Errors noted were not severe and the task was completed in an acceptable manner. For example, if personnel are to check their dosimeters once every 15 minutes, but the person you are observing checks his dosimeter only 7 of the 8 times he should in 2 hours, his performance is satisfactory. However, your narrative summary should explain the rating.
  - o "Unsatisfactory" means that personnel and equipment generally performed below an acceptable level. There were deficiencies of a significant nature. The area's ability to carry out its function was significantly impaired.

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- o "N/A" stands for "not applicable." For example, if the personnel observed did not have dosimeters, then the question, "were their dosimeters properly zeroed or checked?" should be "not applicable". In some cases, a whole section may be not applicable. For example, if you will be observing a local EOC, most likely the section (in your EOC module) on "Media Relations" will not be applicable, since media relations are conducted at another facility.
  - o "N/O" stand for "not observed"; meaning you do not know or cannot judge whether the activity was done properly. If something should have been done (or should have been there) but wasn't, then you should mark "unsatisfactory".
- (3) Short answer questions. These are generally self-explanatory. Most are informational, asking you to list the participants at your location, or to describe a certain procedure observed, etc. Some call for you to record a specific event, e.g. who made a certain phone call, or when someone arrived. Be alert for these events.
- (4) Summary. On the summary page, you should write a brief essay (one paragraph to one page) to describe and evaluate the activities and resources covered by that section. Describe the resources available and what occurred, in your own words. You should cover the main points raised in the rating and short answer questions, and any other observations you consider relevant; explanations of "Satisfactory" or "Unsatisfactory" answers are also appropriate and are encouraged.

#### Miscellaneous Notes

- (1) The front cover of the critique form has blank lines for you to write your name, assignment, etc.
- (2) Please do not use blue ink - it does not photo-copy.

Please note: The observations and judgements recorded on this form will be the basis for future reports and decisions. Be thorough and clear; this will avoid the necessity of contacting you later for clarification.

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STAGING AREA MODULE  
EMERGENCY OPERATIONS MANAGEMENT

I. Activation and Staffing

	Sat	Unsat	N/A	N/O
1. Mobilization and notification procedures were followed.	<u>X</u>	_____	_____	_____
2. Was a full complement of staff present according to the plan?	<u>X</u>	_____	_____	_____
3. Did the Staging Area personnel in general, display adequate training and knowledge?	<u>X</u>	_____	_____	_____
4. Staging Area personnel demonstrated the ability to maintain 24 hours staffing by:				
- change of shift	_____	_____	_____	_____
- presentation of a roster	<u>X</u>	_____	_____	_____
- double staffing	_____	_____	_____	_____

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 questions in perspective. Explain both deficiencies and good performance.

1. Players were pre staged and most were ON TIME. Staging Area was activated promptly and - . Notified EOC OF ACTIVATION

2. Radio dispatcher did NOT show-up. assigned 2 untrained people ~~to~~ substitute. they performed adequately after some initial training by controllers. (see communications critique)

3. The S.A. staff ~~appeared~~ appeared a little rough at first, however, they improved rapidly as time progressed. Main players knew their position fairly well, but ~~they~~ required some prompting to start or complete tasks. ~~the primary functions~~ to their credit, they used their procedures when in doubt. There were some problems with ~~the timing of~~ issuing dosimetry in a timely fashion. (see Dosimetry)

SUMMARY: Players need more frequent training (more than once a year) to maintain ~~top~~ readiness. However, the performance was adequate to fulfill functions of the ~~area~~ area.

II. Command and Control

	Sat	Unsat	N/A	N/O
1. Was it apparent that a senior individual was in charge at all times?	X	---	---	---
2. Were general briefings given to the Staging Area staff periodically regarding the status of the emergency?	---	X	---	---
3. Were personnel going into the field properly briefed as to:				
- Protective action recommendations?	---	---	---	X
- Potential plume path and radiation levels?	---	---	---	X
- Their particular assignment?	---	---	---	X

1, 2 - Knows his position and handled the function adequately, However, he needs to assert more control and to hold periodic briefings (he had one or two informal talks) with his key people. ~~Only~~ Emergency status was given every half hour over the PA system. needed to be prompted on security posting and sending an equipment helper to equipment trailer

3. See Dosimetry, Bus Dispatch etc

TO Staging  
Area

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 questions in perspective. Explain both deficiencies and good performance.

The Staging Area Performance was adversely affected by errors and untimely notifications by the EOC namely:

1. Given failures reported at ALERT<sup>B</sup> questioned, but sent route Alert Drivers OUT.
2. There was no status update from EOC from 1055 until 12:50
3. GE <sup>declared</sup> entered at 12:02. Riverhead was given zones to evacuate via status form but Bus Dispatcher was given NO Attachment 10 (~~and~~ send buses evacuate, etc) until 1:30 and then only after B.D. called EOC. B.D. then dispatched drivers, however then at 1:40, ~~the~~ status update indicated a release starting at 12:35 so Drivers were dispatched into plane!!
4. There is NO BLANK OR EMERGENCY EVENT STATUS FORM FOR TIME/DATE EITHER FOR TIME ISSUED OR RECEIVED!!!

766603



0745 - SA Staff started arriving  
& activating  
5 Only 2 Lead Traffic Guards have arrived  
0 0  
10 0  
20 0  
30 0  
40 0

gave briefing  
TPC briefing by controller  
Told EOC that SA was manned  
SA got message of failure of sirens  
However SA got NO SAE update  
Sirens at ALERT? responded  
by calling EOC and questioning. ~~SA then~~  
responsible for Route Alert Drivers were  
dispatched  
prompted  
helper. ie: Security, order, equipment  
set-up security, order, equipment helper

50 SAE message come in to  
~~PA systems won't fit~~  
~~PA systems won't fit~~  
new cars with no gutters

regular ~~person~~ man did not show-up  
persons assigned had to be trained  
because they did not know the job  
should hold periodic briefings

\* 10:55 update over PA  
25 12:13 all Buses dispatched on Road Rally  
NO update from 10:55 until 12:50  
BE called at 12:02, Riverhead Staging Area.  
Given zones to be evacuated on status board but  
B.D. given no orders for buses (evacuate etc)  
L766604  
finally given at 1:30

BUS DRIVERS NEVER JUST DISPATCHED INTO  
PANIC!!!! (FORM

\* NO TIME OR DATE ON EMERGENCY EVENT  
STATUS ~~ADDED~~ ~~ADDED~~!!!!  
(either when sent or received)