

50-322-06-5

5/18/87

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RADIOLOGICAL EMERGENCY
PREPAREDNESS EXERCISE
OBSERVATIONS AND EVALUATIONS

FIELD ACTIVITY MODULE
ROAD CREW

OBSERVER DATA

Facility: Riverhead Staging Area

Date: 12/10/86

Specific Assignment: Field Controller

Team Leader: _____

Name: _____

Organization: Impell Corp.

Title: Engineer II

Business Address: 225 Rte 110 Melville, NY.

Business Phone: F

NUCLEAR REGULATORY COMMISSION

Docket No. 50-322-06-5 Official Exh. No. 16hh
 In the matter of Shoreham Nuclear Power Station Unit 1

Staff _____ IDENTIFIED ✓
 Applicant ✓ _____ RECEIVED _____
 Intervenor _____ REJECTED _____
 Cont'g Off'r _____
 Contractor _____ DATE 5-18-87
 Other _____ Witness _____
 Reporter Mary Simons _____

INSTRUCTIONSIntroduction

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.

- 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.

FIELD ACTIVITY MODULE
ROAD CREW

I. Traffic Operations

	Sat	Unsat	N/A	N/O
1. What was the name of the road crew team and their identification number that was observed?	<u>2003</u>	<u>2004</u>		
2. Were they adequately briefed prior to field deployment?	<u> </u>	<u> </u>	<u> </u>	<u>N/O</u>
3. Did the road crew have a procedure or checklist to follow?	<u>S</u>	<u> </u>	<u> </u>	<u> </u>
4. Was the road crew adequately trained and knowledgeable to perform their job effectively?	<u>S</u>	<u> </u>	<u> </u>	<u> </u>
5. Did the road crew make periodic contact with the EOC?	<u>S</u>	<u> </u>	<u> </u>	<u> </u>
6. Did the road crew have appropriate maps?	<u>S</u>	<u> </u>	<u> </u>	<u> </u>
7. Could the road crew promptly find locations transmitted to them via radio?	<u>S</u>	<u> </u>	<u> </u>	<u> </u>

1. 2003 & 2004
2. Field controller was not present at the briefing
3. Road Crews 2003 & 2004 had the appropriate maps and checklists and procedures pertaining to their assignments
4. Road Crew 2003 & 2004 described to the field controller their procedure for removing the simulated accident.
5. Contact was made between 2004 and the EOC periodically (≈ 20-30 - 3 - minutes). However Road Crew 2003 had radio trouble and unable to be reached

IMAGE EVALUATION
TEST TARGET (MT-3)

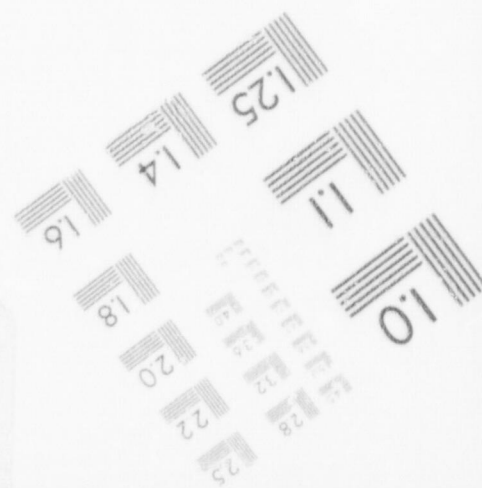
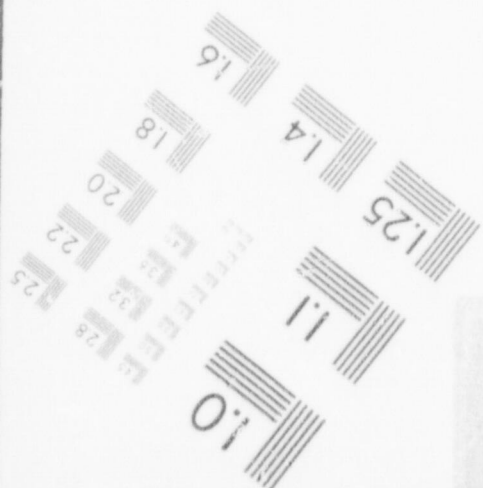
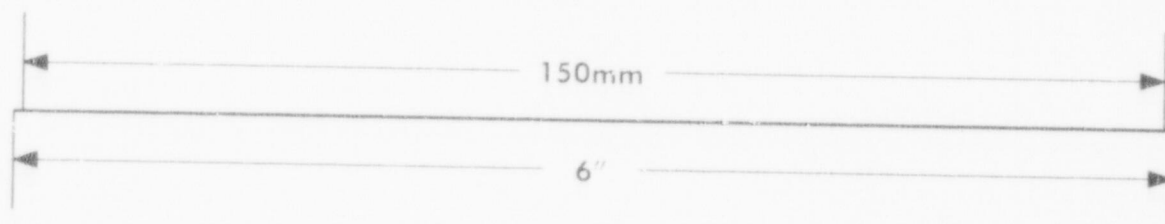
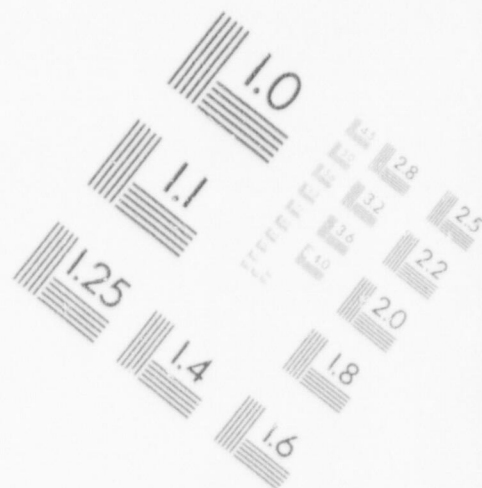
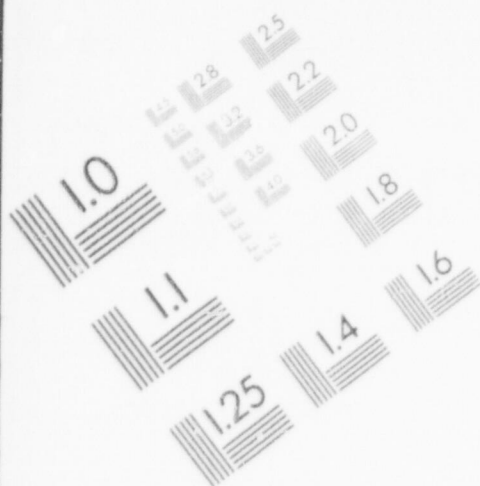


IMAGE EVALUATION
TEST TARGET (MT-3)

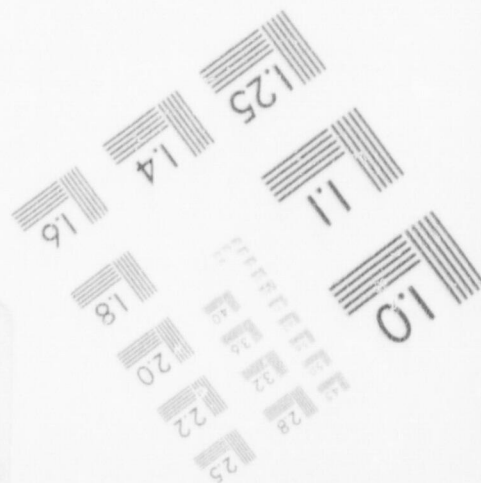
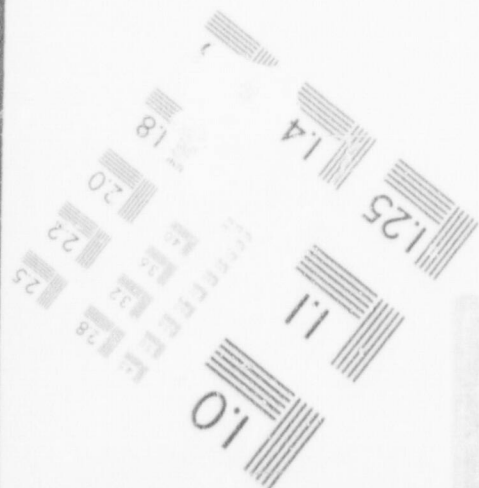
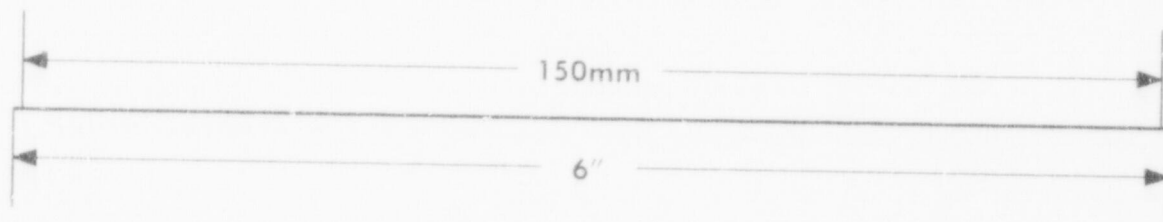
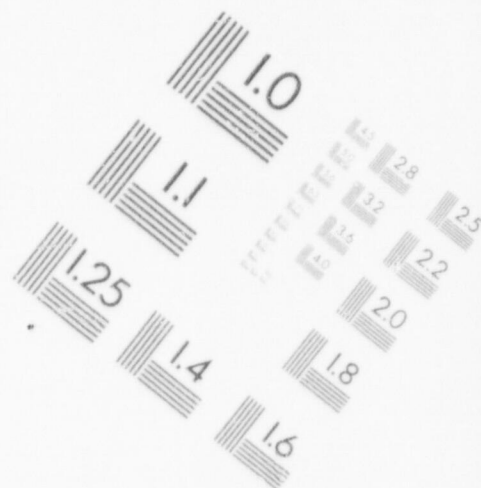
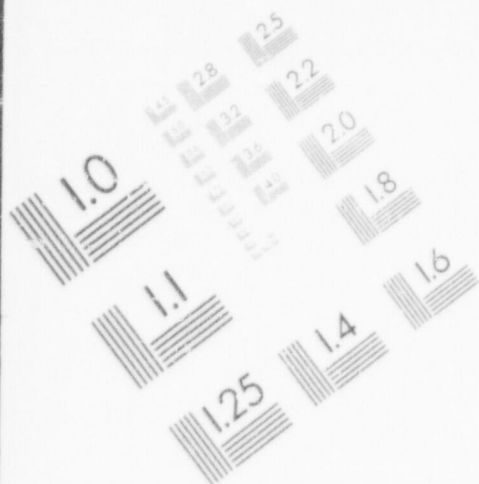
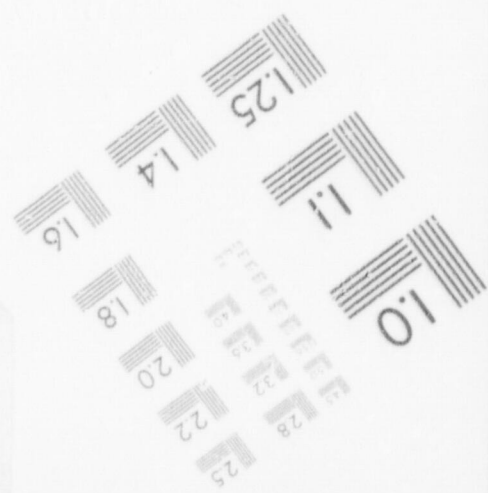
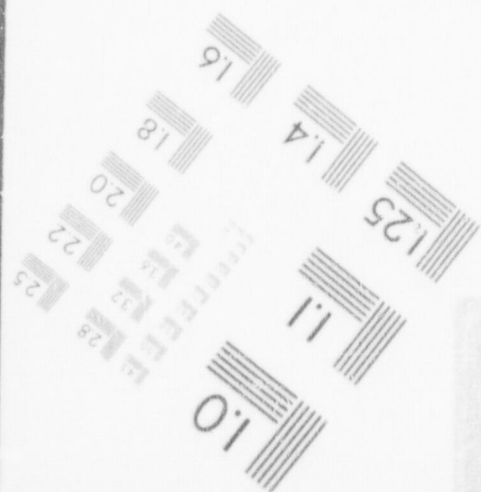
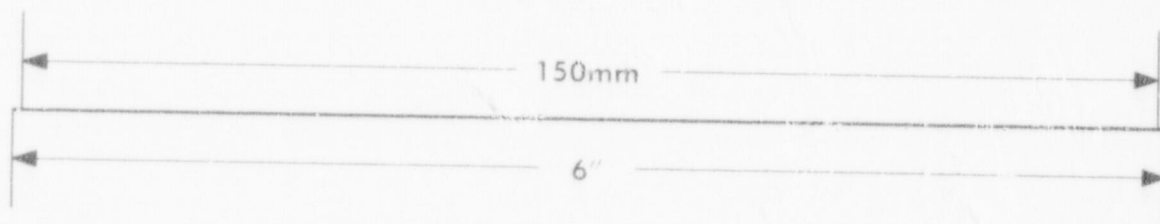
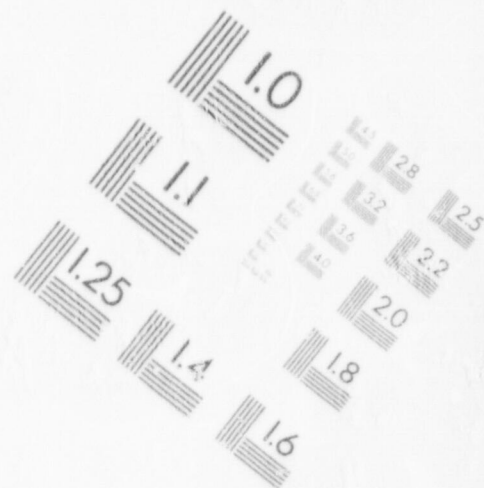
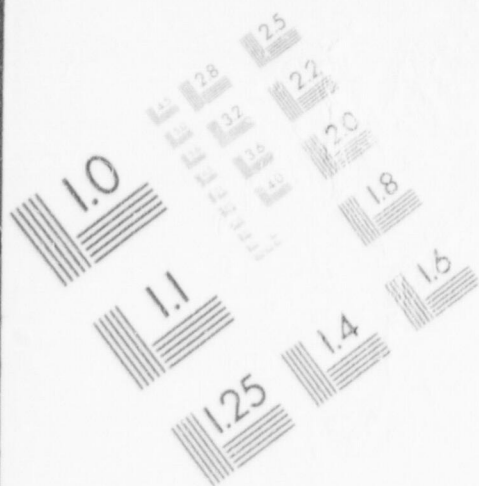


IMAGE EVALUATION
TEST TARGET (MT-3)



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.

by the EOC or other road crews for quite awhile (≈ 1 hr). Finally 2003 contacted the EOC via 2002's radio and was requested by the EOC to arrive at the road impediment at JCP 67. Road crew 2003 arrived at this location and contacted the EOC via 2004's radio.

6. Yes, see above

17. Yes, Road crew 2003 and 2004 arrived within 15 minutes to JCP 67 when requested by the EOC to do so.

II. Worker Exposure Control

Sat Unsat N/A N/O

1. Did each emergency worker in the field have a:

- Low range dosimeter (2-200 mR)?	<u>S</u>	_____	_____	_____
- Mid range dosimeter (0-20 R)? <i>ask</i>	<u>S</u>	_____	_____	_____
- High range dosimeter (0-200 R)	_____	_____	<u>N/A</u>	_____
- Permanent record dosimeter (film badge or TLD)?	<u>S</u>	_____	_____	_____

2. Did they follow proper procedures for reading and recording their dose?

<u>S</u>	_____	_____	_____
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3. Did they know what was the maximum dose allowed without authorization?

<u>S</u>	_____	_____	_____
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4. Were they supplied with KI?

<u>S</u>	_____	_____	_____
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5. Did they follow proper procedures concerning when to take KI?

<u>S</u>	_____	_____	_____
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6. Were they aware of procedures for decontamination (i.e., when and where to report for a contamination check)?

<u>S</u>	_____	_____	_____
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- 1- Road Crews 2003 and 2004 carried their dosimetry on their front shirt pockets
- 2- This was simulated approximately every 15 minutes
- 3- Road Crews were aware that this information was easily found on the back of their badges
- 4- Simulated
- 5- This was simulated. Field controller heard confirmation via radio to the FCC when this was completed by Road Crews 2003 and 2004
- 6- Road Crews 2003 & 2004 were aware of the location of the Brentwood EMD and had the appropriate maps and - 5 - directions to arrive there.