

FIRE PROTECTION DIVISION
Marine Corps Base
Camp Lejeune, North Carolina 28542-5000

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FIRE
19 May 1987

FIRE PROTECTION DIVISION MEMORANDUM #9-87

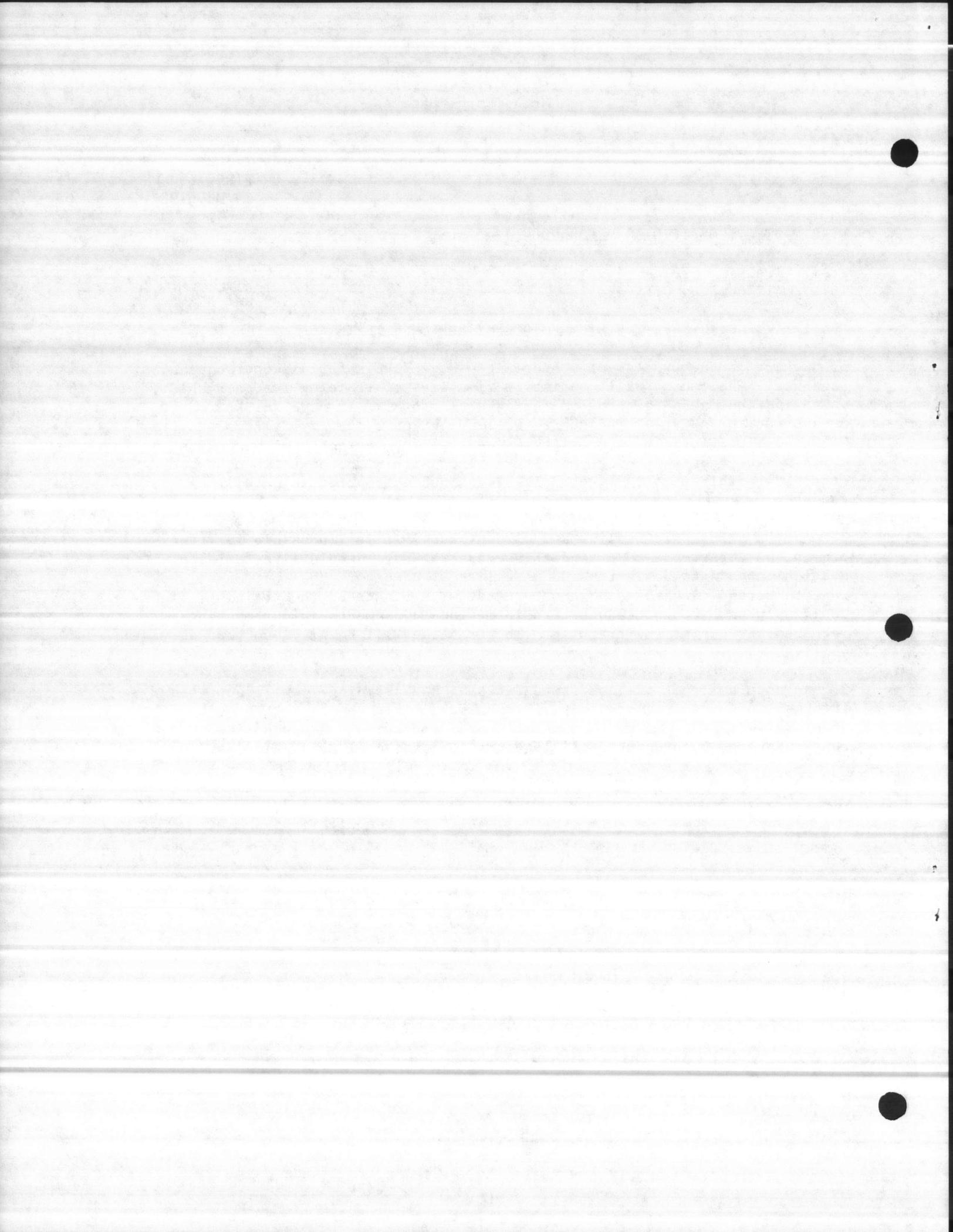
From: Training Officer
To: All Company Officers

Subj: ATTENDING SAFETY SYSTEM EMERGENCY RESPONSE TRAINING

1. We are in the process of scheduling a Hazardous Materials Course here at the base. The course will consist of five days of training for each shift; which in turn makes the program ten days all total. (5 days for "A" shift, 5 days for "B" shift.) The course will be put on by Safety Systems out of Jacksonville, Florida. The exact two week period has not been decided on as of this date; but the course will take place within the next two months. Attached to this memo is a schedule of the subject matter which will be taught.
2. As you all should realize and already know, it is impossible for everyone in the department to attend this course. What I would like for each Station Captain to do is to send me a list of names of those personnel who want to attend, and also those who do not wish to attend the training. This would help us here in Headquarters in making adjustments in our manning requirements during the training. The training will be given on your duty shift.
3. As soon as I get the confirmed dates of the training, I will get this information out to all stations. Please submit all names back to me by 1 June 1987. If there are any questions or information you would like to have concerning the Hazardous Materials Course, please call me at Fire Headquarters.

Don Miltier
Don Miltier

Send out on 19 May 87



**PROPOSAL FOR INTENSE HAZARDOUS MATERIALS TRAINING CLASSES
TO BE CONDUCTED AT MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA**

All inside classes are unique in that most materials, especially the case history materials, are one-of-a-kind and seldom-shown visual aids, including pictorial slides, 16mm movie clips and video tape footage. Also, the outside presentations are unique in that many of them have one-of-a-kind, specially built leak, spill and fire control scenarios utilized for optimum training.

All sessions are valued at two hours each.

Part 1 — Day 1 and Day 2

SESSION 1: INTRODUCTION — INCIDENT RESPONSE PREPARATION (Classroom)

Utilizing meaningful emergency response planning objectives and standard operating procedures. In-house/on-plant and off-plant/ outside-the-gate inter-organization and -agency interaction — understanding your role and meeting legal requirements, Legislation.

SESSION 2: UNDERSTANDING CHEMICALS/HAZARDOUS MATERIALS (Classroom)

Understanding chemical composition and characteristics — the must-know information vs. the nice-to-know information; understanding chemical hazard classes; how chemicals act when they are leaking, spilling and burning; identifying chemicals in storage and transit.

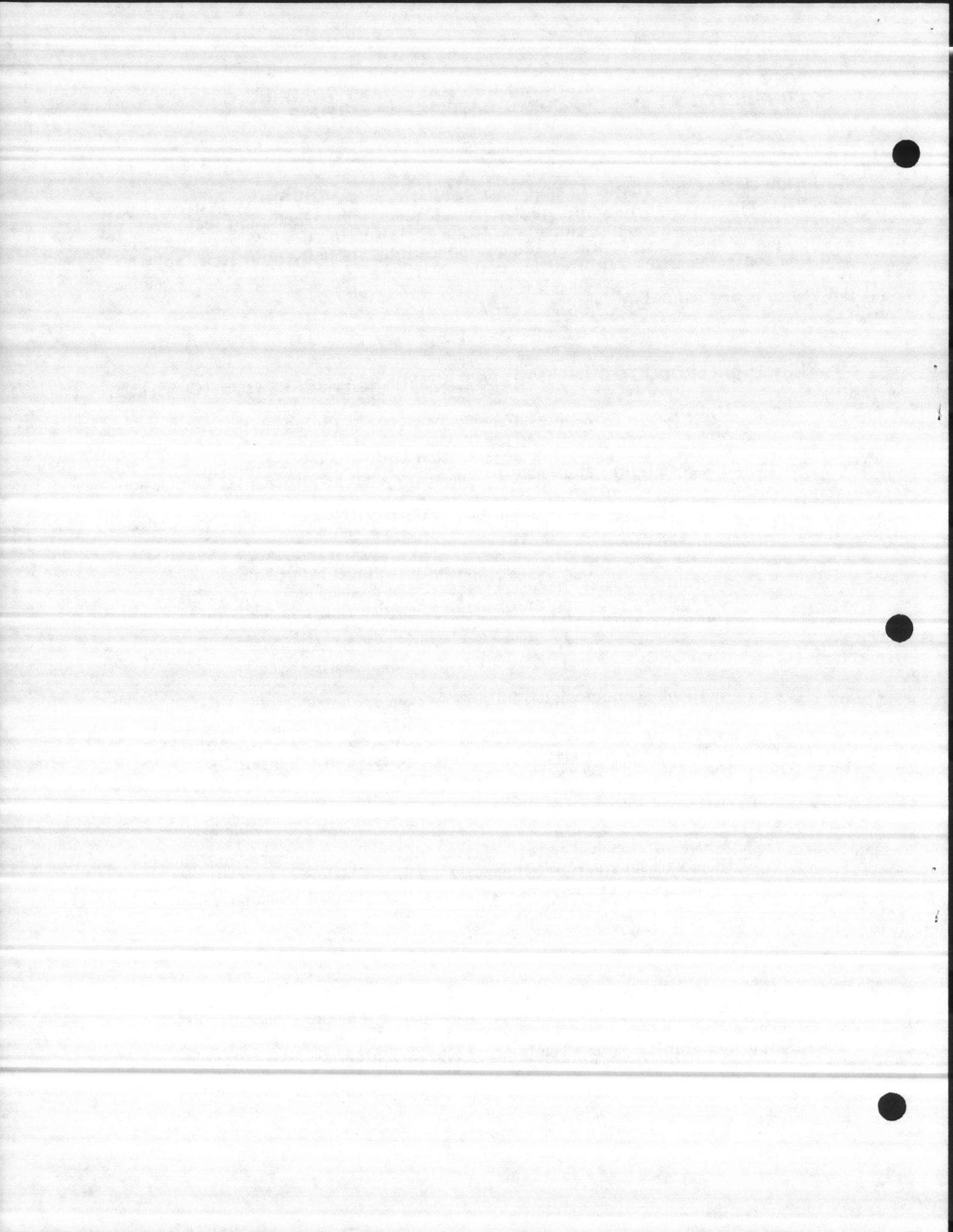
SESSION 3: RESPONDING TO THE INCIDENT (Classroom)

Incident scene decision making — do's & don'ts — case history reviews. Operating at the scene successfully, command post operations — a basic review of utilizing regular and special protective equipment, monitoring devices and other vitally important and needed equipment, response organization & spill planning.

SESSION 4: OUTSIDE FIELD EVOLUTIONS — LIVE CHEMICAL DEMONSTRATION

A look at chemical hazard classes and some containers that house them and how various chemicals act when leaking, spilling and burning. Also there will be a reactive chemical demonstration.

This course provided by Safety Systems Emergency Response Schools,
P. O. Box 40276, Jacksonville, Florida 32203, U.S.A., R. G. Gore,
President & General Manager, Telephone (904) 963-3100.



Part 2 — Day 3 and Day 4

SESSION 1: USING HAZARDOUS MATERIALS TECHNICAL RESOURCES (Classroom)

Using CHEMTREC, National Response Center, shipper/manufacturer/chemical company advisers, mechanical device manufacturers and users, in-plant technical resources, interagency interaction, using technical resource manuals properly.

SESSION 2: PROTECTIVE EQUIPMENT REVIEW (Classroom/Workshop)

This session deals with the need for and use of various levels of protective clothing and will address the very basic response dress to the highest level of dress, including totally encapsulating suits. Also various types of breathing apparatus will be demonstrated.

SESSION 3: OUTSIDE FIELD EVOLUTIONS — MECHANICAL TOOLS REVIEW

This session deals with reviewing and understanding the use of basic hazardous materials tools & equipment — monitoring instruments, spill control equipment, basic leak, control tools, etc.

SESSION 4: OUTSIDE FIELD EVOLUTIONS — USING PROTECTIVE EQUIPMENT AND MECHANICAL TOOLS

Outside field evolutions will include using basic tools and protective equipment reviewed in earlier sessions on actual pressurized and nonpressurized leak and spill control scenarios.

Part 3 — Day 5 and Day 6

SESSION 1: HANDLING FIXED LOCATION/INDUSTRIAL EMERGENCIES (Classroom)

Operating at toxic, corrosive, flammable, reactive and other type chemical emergencies — case history reviews of actual leak, spill and fire control operations, toxicology review.

SESSION 2: HANDLING NONPRESSURIZED SMALL CONTAINER EMERGENCIES (Classroom)

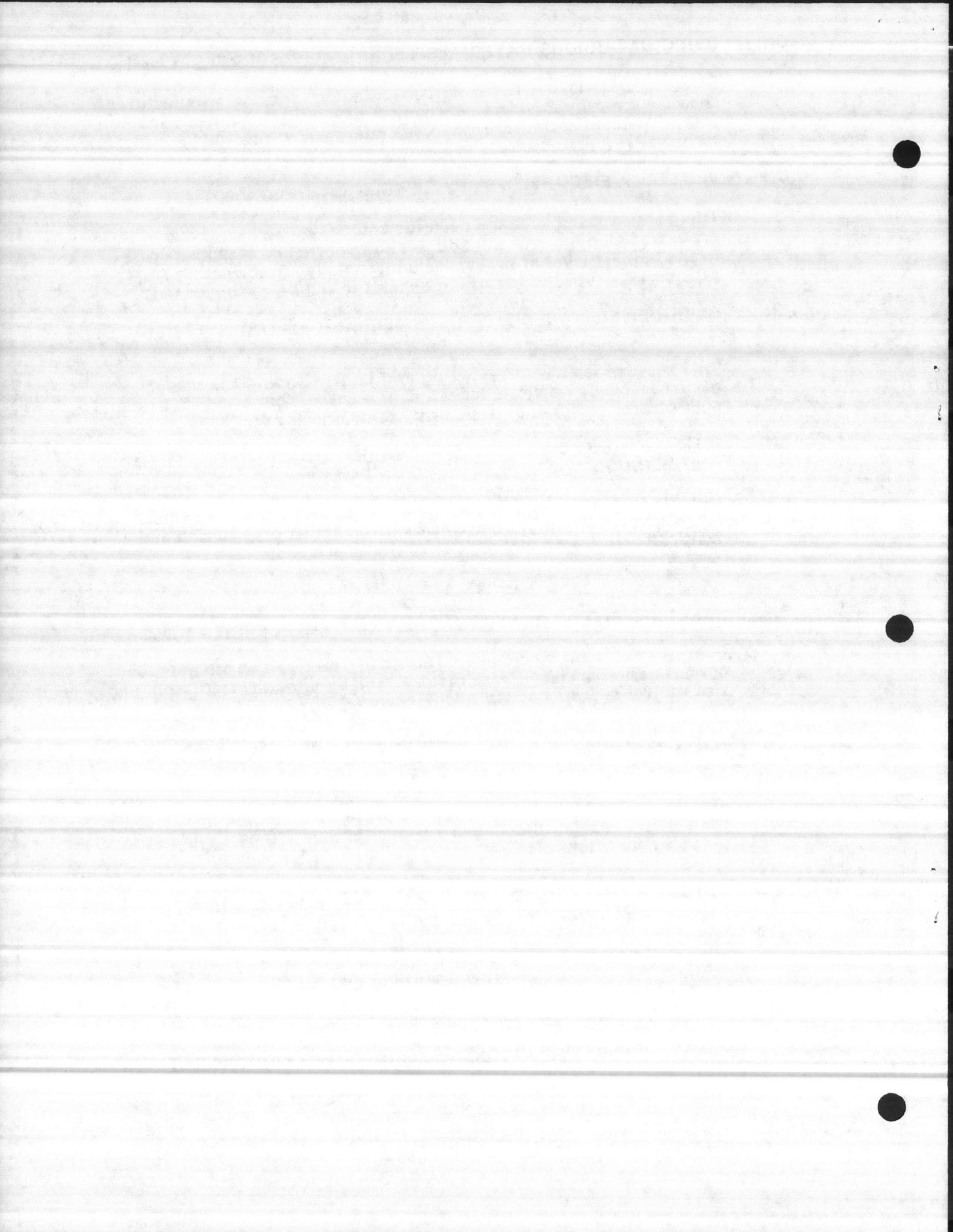
Operating at nonpressurized drums and other small and similar containers leaking, spilling and burning will be presented. In addition, this session deals with removing the spilled/residual product, repackaging same properly for waste disposal, etc.

SESSION 3: OUTSIDE FIELD EVOLUTIONS — HANDLING NONPRESSURIZED SMALL CONTAINER EMERGENCIES

This field evolution involves nonpressurized drums and similar containers leaking, spilling and burning and handling them as in an actual emergency situation involving both inside problems as well as outside open-air problems.

SESSION 4: OUTSIDE FIELD EVOLUTIONS — DECONTAMINATION OPERATIONS

This session deals with avoiding being contaminated as well as dealing with contaminated persons and equipment, utilizing dilution, absorption, degradation, isolation and other decon and disposal techniques and methods.



Part 4 — Day 7 and Day 8

SESSION 1: HANDLING PRESSURIZED CYLINDER EMERGENCIES (Classroom)

A review of case histories operating at leaking and burning pressurized cylinder emergencies including pressurized gases, liquefied gases and cryogenics that are flammable and nonflammable, corrosive, toxic, etc.

SESSION 2: HANDLING CARGO AND TANK TRUCK EMERGENCIES (Classroom)

Operating at leaking, spilling and burning cargo truck and tank truck emergencies on plant site — case history reviews include letting it burn out, controlling the fire, patching, product transfer, vapor cloud control, vapor suppression using foam and other agents, grounding and bonding, damming and diking the spill and much more.

SESSION 3: OUTSIDE FIELD EVOLUTIONS — HANDLING PRESSURIZED CYLINDER EMERGENCIES

Outside field evolutions will include handling vapor clouds, minimizing the leak, patching the leak, product transfer and disposal, handling cylinder fires and much more.

SESSION 4: OUTSIDE FIELD EVOLUTIONS — HANDLING DIFFICULT FIRE SITUATIONS

Outside field evolutions will include handling pressurized fires, static fires and flowing fires in the street such as leaks from plumbing and piping, tank trucks and other containers. Many firefighting agents will be demonstrated, including Halon, dry chemical, CO₂, foam, water, etc.

Part 5 — Day 9 and Day 10

SESSION 1: KEEPING YOUR TEAM OUT OF TROUBLE (Classroom)

This session will look at case history studies where response teams have been presented with difficult and perplexing situations where they wound up being part of the problem rather than solving the problem. Many tragic events as well as successful operations will be shown, with the ultimate goal being proper emergency response.

SESSION 2: INCIDENT HANDLING WORKSHOP (Classroom)

Attendees will be divided up into small groups and presented with basic problems. They will work these problems based on information received during the program and present to the class their problems solution considerations.

SESSION 3: OUTSIDE FIELD EVOLUTION — EMERGENCY RESPONSE DRILL

Based upon what has been shared during the program a response team group will be selected from the class and presented with a life-like incident problem in the field which they will work utilizing protective equipment, various leak, spill and fire control tools, utilizing emergency SOP, etc. The drill will be video taped and critiqued at the last session of the program.

SESSION 4: EMERGENCY RESPONSE DRILL CRITIQUE (Classroom)

Review of the emergency response drill — problems and solutions — lessons learned, program retrospect, certificate presentation.

