

MIL 2.2/N88/2/1979  
C.1

**COLORADO**  
**NUCLEAR CIVIL PROTECTION**  
**PLAN**



**ANNEX A**

***DIRECTION AND CONTROL***

FEB 1979

ANNEX A

DIRECTION AND CONTROL

I PURPOSE

A. To establish a state-level emergency organization to provide Direction and Control of response actions that may be required in the event of an international crisis that could result in a threat of nuclear war upon the United States.

B. To establish nuclear war emergency response procedures for State Agencies.

C. To provide for coordination of State and Local governments to assure continuity of government.

II SITUATION AND ASSUMPTIONS

A. SITUATION

1. A spontaneous or pre-emptive all-out nuclear attack on the United States could occur with a resultant 15 to 30 minute nuclear attack warning time issued through the National Warning System (NAWAS). This type of NAWAS warning would require the immediate movement of all people to fallout shelters.

2. In the event of a severe international crisis between the United States and an adversary nation possessing a nuclear weapon capability, the President of the United States may direct relocation of the population from potential nuclear target areas throughout the United States to areas of lesser risk.

3. The population of the designated High Risk Areas in Colorado could be selectively, progressively or simultaneously ordered to relocate.

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4. A limited nuclear attack on specific or isolated targets could occur. If the nuclear weapon(s) are conventionally launched from sites located in the adversary nation, a 15 to 30 minute warning time would be available. However, if the nuclear weapon(s) are assembled and/or triggered by clandestine forces in proximity of the target(s) area, there could be no warning time available.

5. If possible, State emergency government operations will be conducted from the State Emergency Operations Center (EOC) located at Camp George West, Golden, Colorado.

6. A site for an alternate State Emergency Operations Center (EOC) is under study, and the location will be disseminated when known.

7. Each Host Area will prepare plans for the reception, care, safety and support of the assigned relocatees from the Risk Areas.

8. Each Risk Area will prepare plans for the relocation of its citizens, maintenance of essential industries within its jurisdiction, and for the continuity of government and maintenance of essential government services for the safety of life and property during the period of relocation.

9. Each county will prepare a Community Shelter Plan for its residents for the short-warning nuclear attack contingency.

## B. ASSUMPTIONS

1. All areas of Colorado could be subjected to radioactive fallout and some areas could be subject to blast, fire and other direct effects of a nuclear weapon explosion.

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2. Should an attack-warning be received during working hours, State employees will take fallout shelter in accordance with their Departmental Emergency Plan.

3. In the event of a nuclear attack:

a. Communications will be disrupted or completely curtailed for an unknown period of time.

b. Some communities could be isolated by high and persistent radioactivity for up to two weeks.

c. Casualties and fatalities could be substantial in some areas.

4. The decision to relocate the population from Risk Areas will only be made by the President.

5. The Governor will direct relocation of the population within the High Risk Areas in Colorado in accordance with Presidential directives.

6. A nuclear attack on Colorado could occur during the movement phase of Crisis Relocation. In this event, each local entity will be responsible to provide the best fallout protection available for the enroute relocatees.

7. The Governor will be notified at least 6 hours in advance of the President's decision to direct Crisis Relocation.

8. Military assistance, if available, will complement rather than substitute for local civilian action.

9. State and most local EOC's will be in an operational status, including provision for 14 days supply of food, fuel and other necessities.

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10. State and local EOC's will be activated during increased readiness period.

11. During a Crisis Relocation Contingency, the Governor and his emergency staff will relocate to the State EOC during the increased readiness period and exercise Direction and Control of State government emergency operations.

12. Some degree of Economic Stabilization controls will be necessary, to include rationing.

### III CONCEPT OF OPERATIONS

A. In the event of a Presidential Declaration of National Emergency or receipt of warning of a nuclear attack, the Governor will exercise Direction and Control of State emergency operations through the Director, Division of Disaster Emergency Services and the Emergency Organization of State Government.

B. Direction and Control operations will be conducted from the State Emergency Operations Center (EOC) located at Camp George West, Golden, Colorado or the alternate State EOC (when designated) as the situation warrants.

C. Local governments will exercise Direction and Control activities from their designated EOC's in accordance with their local emergency plans.

Communications will be established as soon as possible between the EOC's established by the local governments and the State EOC to provide continuity of Direction and Control Operations.

D. State Emergency Operations will be directed toward the preservation of life and property through assistance and guidance to

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local governments. All available State and private sector resources will be utilized on an equitable basis.

## IV ORGANIZATION AND STAFFING

The emergency organization of State Government will exercise all of the authority normally vested in State Government. In addition, and upon the Governor's order to implement Crisis Relocation, the members will assume the emergency authorities outlined in Article 2 Title 28, Colorado Revised Statutes, 1973 as amended.

### A. LINES OF SUCCESSION

1. The Lines of Succession for authority to give Direction, Control or modification of planned actions shall be as provided in Article IV, Section 13, of the Constitution of the State of Colorado.

- a. Governor
- b. Lieutenant Governor
- c. The first named of the following members of the General Assembly who is affiliated with the same political party as the Governor:

- (1) President of the Senate
- (2) Speaker of the House of Representatives
- (3) Minority Leader of the Senate
- (4) Minority Leader of the House of Representatives

### B. EMERGENCY OPERATIONS CENTER (EOC) STAFFING

1. Staffing of the State EOC, primary or alternate, will be in accordance with staffing patterns shown in Attachments 1, 2

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and 3. State Agencies assigned primary responsibilities in this plan will designate personnel to fill these positions and forward names and subsequent changes to the State EOC.

2. Staffing of local EOC's will be in accordance with their Local Emergency Operations Plans.

3. State EOC emergency internal organization and procedures are set forth in the Standing Operation Procedures (SOP's) for the EOC.

## V RESPONSIBILITY AND FUNCTIONS

### A. FEDERAL

1. The Federal government is responsible for notifying the State of National Civil Readiness Condition(s) in effect.

2. The Federal government is responsible for relaying notification of warning to the State, and for the status and coordination of Federal resources except those allocated to the State by prior agreement.

### B. STATE

1. Increased Readiness Phase.

a. Implementation of this plan may be preceded by a condition of Increased Readiness of six hours or more.

b. Upon notification that the President plans to implement Crisis Relocation or that the Federal government has assumed an Alert Civil Readiness Condition, the Director of the Division of Disaster Emergency Services will:

(1) Recommend to the Governor that the State assume a condition of readiness.

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(2) Activate the EOC.

(3) Prepare to implement Crisis Relocation Plans or send the population to shelter.

(4) If the situation warrants, relay instructions through NAWAS for the population to seek immediate fallout shelter.

c. Should the Governor implement this plan during this Increased Readiness Phase, the State EOC will be activated and the following organizational structure will mobilize from normal operations to emergency status:

(1) Communications Watch

The Director of DODES will provide 24-hour communication coverage at the State EOC.

(2) Minimum Emergency Staff

(a) As authorized by the Governor, the Director of DODES will coordinate activities of the Emergency Organization of State Government.

(b) The following State agencies will have one member of their staff assume their liaison position in the State EOC:

(1) Office of the Governor

(2) Department of Administration

(3) Department of Agriculture

(4) Department of Health

(5) Department of Highways

(6) Department of Law



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- (7) Department of Military Affairs
- (8) Department of Social Services
- (9) Other Departments, when notified

(c) The Director of DODES will notify the Local EOC's that this State plan is being implemented and the State is assuming emergency status in the Increased Readiness Phase.

(3) Full Mobilization (Emergency Status).

(a) The Director DODES will alert the Emergency Organization of State Government, primary and support, to report to the State EOC. The EOC Emergency Organization of State Government will be prepared to operate on a 24 hour basis.

(b) The Director DODES will designate two personnel from the Department of Military Affairs to report to the Federal Regional Center (FRC) DCPA Region Six to act as State and DODES Liaison.

(c) The Lieutenant Governor will relocate to the alternate State EOC (when designated) and take charge of the State Emergency Organization staff at that location. Communications will be established between the Primary State EOC and the Alternate EOC. Should the Primary State EOC become inoperable, the alternate EOC will assume control of operations.

2. Crisis Relocation Phase.

a. The Governor will Direct and Control Crisis Relocation operations from the State EOC.

b. The Governor has delegated the Director of the Division of Disaster Emergency Services the authority to coordinate

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the emergency activities of all State Agencies. Each State Agency will cooperate with the Director of the Division of Disaster Emergency Services in the coordination and conduct of emergency operations.

c. The Director of each State Agency designated Primary responsibilities, will continue to direct his agency's activities during the Crisis Relocation Phase.

d. Designated personnel of State Agencies with Support responsibilities may be temporarily assigned to other State or Local agencies to provide augmentation support for that agency.

e. Crisis Relocation operations at the local level will be Directed and Controlled by Local authorities.

f. State agencies operating in the evacuated Risk Areas during Crisis Relocation, will operate from normal operating locations unless otherwise specified. Manning levels will be limited to essential workers on a shift basis.

g. Agencies not required to function in the evacuated Risk Areas will operate from sites (to be designated) in the Host Areas.

h. Each County will operate an EOC from a designated location during the Crisis Relocation. The State EOC will be notified of the location and any changes in location as they occur.

i. Primary communications between EOC's will be by telephone. Secondary means of communications will be radio and NAWAS, if available.

j. The EBS will be utilized to provide relocation instructions to the public supplemented by printed emergency public

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information material.

k. Upon activation of the State EOC a Public Information Section will be established in the EOC to coordinate Public Information activities of State government. The Public Relations Assistant to the Governor will function as the Public Information Officer (PIO) in charge of this section. The PIO will be responsible for the preparation, publication, and release of Emergency Public Information on order of the Governor.

l. The governmental departments which comprise the emergency organization in the primary State EOC, will also provide a representative at the alternate Emergency Operations Center. This alternate EOC Staff will be organized under the Lt. Governor.

m. The Deputy Director of the Division of Disaster Emergency Services is delegated authority to coordinate the emergency activities of the State Agencies in the alternate State EOC.

n. Upon request of the Governor, the following will be prepared to provide liaison to the Primary and/or Alternate EOC:

- (1) President of the State Senate, Pro-Temporare.
- (2) Speaker of the State House of Representatives.
- (3) The Supreme Court.

o. A Nuclear Attack occurring during the Crisis Relocation phase, would entail implementation of the "Attack Warning-(Shelter In Place) Phase" and the Recovery Phase. A decision to continue or suspend Crisis Relocation would depend upon the situation.

p. The Crisis Relocation Phase will be terminated by the Governor upon receipt of information from the President that

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the International Crisis has been resolved. The relocated population will be returned to their homes and recovery actions initiated.

### 3. Attack Warning - Shelter In Place Phase.

a. This phase begins with the receipt of attack warning or upon observation of a nuclear detonation.

b. State and Alternate EOC's will be activated with full mobilization.

#### c. The State EOC Staff will:

(1) Confirm attack warning.

(2) Advise the Governor, legislative body, all State Agencies and local EOC's.

(3) Activate the warning plan.

(4) Initiate status checks on reporting procedures with local EOC's and ensure that operational situation reports are received, processed and submitted promptly up and down channels.

(5) Ensure that adequate communications are established with the State Alternate EOC.

(6) Activate the Aerial Radiological Monitoring Network (ARM) and the Weapons Effects Reporting (WER) System within the State.

(7) Activate the damage assessment system to determine the weapons effects throughout the State.

(8) Prepare and disseminate appropriate public advisories and instructions.

(9) Assist political subdivisions in the movement of people to shelter, as required.

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(10) Provide for security of vital State resources and facilities.

(11) During shelter occupancy, State forces will continue essential operations in areas under a Negligible Fallout Situation (NEGRAD) (Radiation level less than 0-5 R/hr.) as directed by the EOC. When radiation levels read or exceed 0-5 R/hr., the following policies will apply:

(a) Moderate Fallout Situation (LORAD) (Radiation level 0-5 to 50 R/hr.) - Dose limited essential operations will be conducted as directed by the EOC.

(b) Severe Fallout Situation (HIRAD) (Radiation level over 50 R/hr.) - Outside activities will be limited to extremely vital emergencies and then only as authorized by the State EOC.

(c) Total cumulative radiation dosage to operational personnel will be limited to 100R during the first five (5) days after attack, unless specific authorization to exceed this limit is given by the State EOC Health and Medical Officer.

(12) Provide guidance to political subdivisions and assistance feasible under existing conditions.

(13) Provide status and situation reports to DCPA Region Six.

(14) County and municipal governments will operate in accordance with their Local Emergency Operations Plans and will report data on damage and fallout radiation to the State EOC.

#### 4. Recovery Phase

a. This phase will commence as soon as radiation no

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longer presents a serious hazard.

b. The State EOC RADEF Officer will determine the location and extent of radiation hazards and will advise the Governor and the EOC emergency government staff concerning these hazards and decontamination measures to be taken.

c. State forces will resume limited outside operations, including monitoring for "hot spots" and decontamination.

d. The State EOC staff will:

(1) Collect, analyze, evaluate and disseminate essential information.

(2) Provide guidance to political subdivisions and assistance feasible.

(3) Direct State forces in recovery operations, such as restoration of vital utilities and facilities, debris clearance and repair and restoration of roads, bridges and dams.

e. County and municipal governments will conduct their recovery operations in accordance with their Local Emergency Operations Plan and will report their actions to the State EOC.

## VI REPORTING

### A. GENERAL

1. During periods of increased international tension, State and local governments will be informed to take actions to increase their civil preparedness readiness. Reports will continue on a daily basis until attack warning is declared or until international tension is reduced.

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2. Each level of government reports conditions in their jurisdiction to the next higher level of government. Reports from higher to lower levels of government follow the same reporting sequence. The only exceptions are when critical lifesaving reports are reported direct to adjacent States and Counties.

3. Local procedures for internal reporting will be as established by each organization.

4. All reports within the Reporting System will be given a priority identification before entering the system.

5. Three types of reports will be required:

a. Increased Readiness Reports (IRR).

b. Aerial Radiological Monitoring Reports (ARM and Weapons Effects Reports (WER)).

c. Operational Situation Reports (OSR).

6. Required reports are based on the following time-phased actions:

a. Increased Readiness.

b. Crisis Relocation.

c. Shelter In-Place.

7. Message precedence for reports is coded and designated as follows:

Z - FLASH (Under 10 Minutes)

O - IMMEDIATE (Under 30 Minutes)

P - PRIORITY (Under 3 Hours)

R - ROUTINE (Under 6 Hours)

Local time will be used for reports originating at the County

level. The State will use Greenwich (Z) time when reporting to the Federal Regional Center (FRC), Defense Civil Preparedness Agency (DCPA), Region Six.

B. INCREASED READINESS PHASE

1. Increased Readiness Reporting (IRR) will be accomplished by local governments and State Agencies as follows:

a. Local Governments will, once IRR reporting has begun, submit to the State EOC no later than 1630 hours, MST, daily, an IRR local status report. This report covers about 14 items specified in Figure 1, DCPA Form 902 and is also used for voice transmission, by NAWS circuit or regular telephone, of the daily IRR report.

b. Each State Agency with Primary Emergency Responsibility will submit to the State EOC no later than 1630 hours, MST daily, its agency's status report utilizing the IRR State Agency Status Form (Figure 2). This form will also be used for voice regular telephone transmission of the daily report.

c. Daily reports will include only changes occurring since previous day's reports. IRR report forms, DCPA 902, will be provided by the State EOC.

2. a. A daily summary of Increased Readiness actions taken by local governments, as outlined in the CPG 2-10 series, will be sent to DCPA Region Six, together with a summary of Increased Readiness actions taken by the State.

b. The daily State IRR message to Region contains the following:



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IRR State Government Status Report

IRR Local Summary Report

IRR Major City Status Report

IRR Summary Test, if needed (summary of special situations reported by localities within the State).

(1) IRR reporting ceases upon notice of nuclear attack or upon notification by DCPA Region Six that the probability of nuclear attack no longer exists.

(2) Origination - The State EOC will originate IRR reports for the Governor or Federal Agencies based on information received from local EOC's upon initiation of State Increased Readiness actions. DCPA Form 901 will be used as outlined in the CPG 2-10 series (see Figure 3).

(3) Distribution - To DCPA Region Six for retransmission to DCPA National. Summary IRR reports will be periodically disseminated downward to the Counties (see Figure 4).

(4) Frequency - Daily. As early in the evening as possible following receipt and summation of local reports, but not later than 0100Z.

(5) Precedence - PRIORITY (P), voice or hard copy.

3. Weapons Effects Reports (WER) will only be made during this phase if a nuclear attack occurs.

4. Operational Situations Reports (OSR) will only be made to cover extremely extraordinary events. OSR reports are one time reports made when an item of information becomes known, a major

problem arises, or a major decision is made. These reports are not a periodic situation summary of the emergency but should be concise and stress the specific need or report the extraordinary or unexpected events. OSR reports include the following essential elements:

a. Government Status Report - Only those local governments destroyed or not functioning.

b. Health Status Report - Only major outbreaks of serious illness not including radiation sickness.

c. Facility Status Report - Only on critical facilities, important to survival and recovery.

d. Critical shortages - Only of resources essential to survival.

e. Request for Aid - Only when a major operational or survival problem exists that cannot be solved by the reporting jurisdiction.

f. Mass Fire Report - Only on large fires outside of damaged areas.

## C. CRISIS RELOCATION PHASE

1. IRR reporting during the Crisis Relocation Phase will continue unless:

a. Information is received by the Governor that the President has resolved the International Crisis.

b. An attack warning is received or a nuclear detonation reported.

2. All Risk and Host jurisdictions identified in DCPA, TR-82 and this plan plus the Major City of Denver and the cities

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of Boulder, Colorado Springs, Ft. Collins, Greeley and Pueblo will make daily IRR reports to the State EOC for the duration of the Crisis Relocation Phase.

## D. SHELTER IN-PLACE PHASE

When notified that an attack has occurred or is imminent, the order to shelter the population from radioactive fallout will immediately be given by the Governor. On attack warning, the IRR reports will be discontinued and the following reports will be integrated into the reporting system.

### 1. Aerial Radiological Monitoring (ARM) reports and Weapons Effects Reports (WER).

a. ARM survey reports and WER reports received from the ARM networks and WER stations will be consolidated with information concerning fallout intensity received from Risk, Host areas and the cities of Denver, Boulder, Colorado Springs, Ft. Collins, Greeley and Pueblo by the State EOC and forwarded to DCPA, Region Six as outlined in DCPA, CPG 2-10 series.

### 2. Damage Reports

a. Damage Reports consist of Nuclear Detonation (NUDET) and structural and/or glass breakage.

b. WER Stations will report observed information on NUDETS, structural and/or glass breakage to the State EOC as outlined in DCPA, CPG-2-10 series.

## VII TELECOMMUNICATIONS

### A. STATE

1. The State Division of Communications and the State

Communications Coordinator will maintain a continuous reliable emergency communication system, coordinated and utilized by the State EOC.

2. The State Communications Coordinator will arrange for the emergency use of the Colorado Law Enforcement Telecommunications System and its equipment by the Emergency Government Staff in the EOC.

B. LOCAL

1. Local government units and EOC's will utilize local governmental, commercial, and/or private communications systems, as available, to meet their emergency communications needs.

2. Counties and municipalities may request State Assistance as necessary.

C. PRIVATE

1. Private organizations and industry will utilize commercial and private communications and telecommunications systems and may be required to augment or replace State and Local government interrupted emergency systems.

FIGURE 1

**DEFENSE CIVIL PREPAREDNESS AGENCY  
DEPARTMENT OF DEFENSE**

From: \_\_\_\_\_

<b>INCREASED READINESS REPORTING (IRR) LOCAL STATUS FORM</b>	DATE:	REPORT NO.
<b>INCREASED READINESS (IR) ACTIONS TO BE REPORTED</b>		<b>TODAY'S REPORT</b>
<b>BASIC ACTIONS TO INCREASE LOCAL GOVERNMENT READINESS</b>		
1A	Head of government briefed and checklist of IR actions reviewed	1A
1B	Local Emergency Operations Plans reviewed and/or updated	1B
<b>EMERGENCY PUBLIC INFORMATION</b>		
2A	Moderate step-up in local CD public information activities	2A
2B	Local CSP-type information disseminated to public	2B
2C	Final public information crisis preparations short of taking shelter	2C
<b>SIGNIFICANT PUBLIC ACTIONS DURING IR PERIOD</b>		
3A	Estimated level of retail food sales above normal	3A
3B	Estimated level of retail gasoline sales above normal	3B
3C	Estimated number of persons who have evacuated	3C
3D	Estimated number of evacuees arriving	3D
<b>ACCELERATED TRAINING</b>		
4A	Accelerated training started	4A
4B	Number of shelter managers completing training	4B
4C	Number of radiological monitors completing training	4C
<b>EOC FACILITY IMPROVEMENT</b>		
5A	Improvement or development of EOC completed	5A
<b>DIRECTION AND CONTROL READINESS</b>		
6A	EOC manned 24 hours at standby level	6A
6B	EOC manned at minimum operational level	6B
6C	EOC fully manned	6C
<b>PUBLIC SHELTER IMPROVEMENT</b>		
10A	Expedient group shelter improvement and/or construction started	10A
10B	Expedient group shelter improvement and/or construction completed	10B
<b>TEXT:</b>		
		Comm. Initial
		Time sent

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## CRITERIA FOR MAKING REPORT ON IRR LOCAL STATUS FORM

1A HEAD OF GOVERNMENT BRIEFED  
AND CHECKLIST OF IR ACTIONS  
REVIEWED

Report "Yes" if head of government (mayor, city manager, board of county commissioners, etc.) has been briefed on situation and checklist of IR actions has been reviewed.

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1B LOCAL EMERGENCY OPERATIONS  
PLANS REVIEWED AND/OR UPDATED

Report "Yes" if your local Emergency Operations Plan and supporting annexes have been reviewed and/or updated.

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2A MODERATE STEP-UP IN LOCAL CD  
PUBLIC INFORMATION ACTIVITIES

Report "Yes" if the local government has taken any public information actions which represent a moderate but significant step-up from the normal level of activity. These might include, for example, one or several of the following: increased distribution of CD literature; use of the "In Time of Emergency" newspaper and radio material; and the "Protection in the Nuclear Age" television film; making low-keyed news announcing CD classes for the public; etc. Do not answer "Yes" if the only step-up has been answering an increased number of telephone inquiries from citizens.

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2B LOCAL CSP-TYPE INFORMATION  
DISSEMINATED TO PUBLIC

Report "Yes" if CSP maps and instructions (on "where to go and what to do" in case of attack") have been disseminated during the Increased Readiness period. If your community has not completed a CSP, report "Yes" if information has been disseminated to the public which covers "where to go/what to do," either specifically or in general terms.

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Examples would include publication of a list of public shelters in the newspaper, together with advice on the general areas of the community with public shelters available; advice for persons in areas not served by public shelters on taking shelter in home basements (if available) and on how to improvise additional fallout protection in or near homes with or without basements; and advice on supplies to be taken to public or home shelter areas.

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2C PUBLIC URGED BY LOCAL AUTHORITIES TO MAKE FINAL CRISIS PREPARATIONS SHORT OF TAKING SHELTER

Report "Yes" if local authorities in your community have urged citizens to make without delay such final preparations as improvising and stocking home shelters; gathering supplies to take to public shelters upon warning to do so; cleaning up trash; closing venetian blinds or whitewashing or covering windows with aluminum foil (to reduce fire hazard); filling containers with drinking water; etc.

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3A ESTIMATED LEVEL OF RETAIL FOOD SALES ABOVE NORMAL

Report estimated percentage level of retail food sales above normal for the time of year and day of week. For example, report 25 percent above normal. (This is the same as 125 percent of normal.)

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3B ESTIMATED LEVEL OF RETAIL GASOLINE SALES ABOVE NORMAL

Report estimated percentage level of retail gasoline sales above normal. (See example for 3A above.)

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3C ESTIMATED NUMBER OF PERSONS WHO HAVE EVACUATED

Report the estimate total number of people who have evacuated, either voluntarily or by direction.

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- 3D ESTIMATED NUMBER OF EVACUEES ARRIVING Report the estimated total number of evacuees who have arrived in your jurisdiction.
- 
- 4A ACCELERATED TRAINING STARTED Report "Yes" if accelerated training commenced locally in one or more areas (e.g., Shelter Manager, Radiological Monitor, CD education, for the public, etc.).
- 
- 4B NUMBER OF SHELTER MANAGERS COMPLETING TRAINING Report the cumulative number of persons who have completed training as shelter managers during Increased Readiness period.
- 
- 4C NUMBER OF RADIOLOGICAL MONITORS COMPLETING TRAINING Report the cumulative number of persons who have completed training as radiological monitors during Increased Readiness period.
- 
- 5A IMPROVEMENT OR DEVELOPMENT OF EOC COMPLETED Report "Yes" if your EOC is now fully operational because you have completed the improvement or development of an adequate EOC facility. These improvements or EOC developments might include such things as protection factor, emergency power with fuel, communications equipment, and other life or operational support systems.
- 
- 6A EOC MANNED 24 HOURS AT STANDBY LEVEL Report "Yes" if EOC is manned 24 hours with minimum staff so that there is at least a 24-hour communications watch. You should answer "Yes" if the EOC is used on a 24-hour basis for day-to-day-operations -- for example, by peacetime fire or police dispatchers.
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6B EOC MANNED AT MINIMUM  
OPERATIONAL LEVEL

Report "Yes" if EOC is manned  
by minimum operational staff.

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6C EOC FULLY MANNED

Report "Yes" if EOC is fully  
manned. (Report in text, loca-  
tion of chief executive if not  
at EOC; for example, "Mayor is  
at his office in City Hall dur-  
ing working hours, 5 minutes  
from EOC.")

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10A EXPEDIENT GROUP SHELTER  
IMPROVEMENT AND/OR CON-  
STRUCTION STARTED

Report "Yes" if local govern-  
ment street or engineering dep-  
artment equipment and personnel,  
or construction contractors in  
your locality, have started con-  
struction or improvement of ex-  
pedient public shelters (e.g.,  
earth-covered trench or similar  
types of shelters for groups of  
people, or upgrading of exist-  
ing buildings).

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10B EXPEDIENT GROUP SHELTER  
IMPROVEMENT AND/OR CON-  
STRUCTION COMPLETED

Report "Yes" if activity has  
been completed.

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## DETERMINING SHIFTS IN POPULATION

3C ESTIMATED NUMBER OF PERSONS  
WHO HAVE EVACUATED

This number can be determined  
through coordination with local  
utility companies. There is a  
correlation between the amount  
of electricity and water used  
and the population. For example,  
a 20% drop in usage indicates  
an approximate reduction in pop-  
ulation of 20%. Utility compa-  
nies normally keep track of  
daily usage and should be able  
to provide you with a percent-  
age figure for your use in de-  
termining shifts in population.  
(Should be used only by a RISK  
jurisdiction.)

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3D ESTIMATED NUMBER OF  
EVACUEES ARRIVING

Registration of arriving evacuees should be used to determine this number. (Should be used only by a HOST jurisdiction.)

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FIGURE 2

IRR STATE AGENCY STATUS FORM

<b>NAME OF AGENCY:</b>	<b>DATE:</b>	<b>REPORT NO.</b>
REPORT ONLY CHANGES IN INCREASED READINESS ACTIONS FROM YESTERDAY		
<b>BASIC ACTIONS TO INCREASE AGENCY READINESS</b>		<b>TODAY'S REPORT</b>
1A Agency Director briefed on situation, State, Agency and IR Plans		
1B Agency Dept. Heads briefed on situation and Agency IR Plans		
1C Agency Personnel briefed on situation and Agency IR Plans		
1D Personnel urged to plan or implement Family Survival Plan		
<b>DIRECTION AND CONTROL READINESS</b>		
2A Designated State EOC Liaison Personnel in place		
2B Alternate State EOC Liaison Personnel in place		
2C State EOC and Alternate fully manned		
2D Agency Director in State EOC		
2E Successor to Director in Alternate EOC		
2F Agency Director and Staff in Agency Relocation Site		
2G Essential Personnel in Risk Area Hq. Site		
2H All Agency Personnel briefed on In Place Shelter		
<b>SUPPLY AND RESOURCE READINESS</b>		
3A Agency checked for adequate supplies		
3B Supply resource located (if required)		
<b>TEXT:</b>		
		Comm. Initial Time Sent

NOTE: On first day of IR period reporting agency will report "Yes" in pertinent blocks. Subsequent daily(s) reports will reflect only changes or additions.

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## CRITERIA FOR MAKING REPORT ON IRR STATE AGENCY STATUS FORM

- |    |   |  |
|----|---|--|
| 1A | AGENCY DIRECTOR BRIEFED ON SITUATION, STATE AGENCY AND IR PLANS   | Report "Yes" if Head of Agency has been briefed on situation and State and Agency Plans and SOP's have been reviewed.  |
| 1B | AGENCY DEPT. HEADS BRIEFED ON SITUATION AND AGENCY IR PLANS       | Report "Yes" if Agency Dept. Heads have been briefed and Agency IR Plans reviewed and/or updated.  |
| 1C | AGENCY PERSONNEL BRIEFED ON SITUATION AND AGENCY IR PLANS         | Report "Yes" if Agency Personnel have been briefed on the situation and Agency IR Plans and SOP's  |
| 1D | PERSONNEL URGED TO PLAN OR IMPLEMENT FAMILY SURVIVAL PLAN         | Report "Yes" if all Personnel have been urged to make final preparations such as improvising and stocking home shelters; gathering supplies to take to public shelter or relocation site when told to do so. |
| 2A | MINIMUM DESIGNATED STATE EOC LIAISON PERSONNEL IN PLACE           | Report "Yes" if Agency Liaison Personnel have reported to the State EOC  |
| 2B | MINIMUM DESIGNATED ALTERNATE STATE EOC LIAISON PERSONNEL IN PLACE | Report "Yes" if Agency Liaison Personnel have reported to the alternate State EOC site.  |
| 2C | STATE AND ALTERNATE EOC FULLY MANNED                              | Report "Yes" if all Agency designated EOC Liaison Staff have reported to the State and Alternate State EOC's.  |
| 2D | AGENCY DIRECTOR IN STATE EOC                                      | Report "Yes" if Agency Head is in place in the State EOC.  |

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2E AGENCY SUCCESSOR TO DIRECTOR  
IN ALTERNATE EOC

Report "Yes" if Successor to  
Agency Head is in place in al-  
ternate State EOC.

---

2F AGENCY DIRECTOR AND STAFF  
IN RELOCATION SITE

Report "Yes" if Agency Director  
and Staff are set up in a re-  
located Headquarters in a Host  
Area.

---

2G AGENCY ESSENTIAL PERSONNEL  
IN RISK AREA HEADQUARTERS  
SITE

Report "Yes" if Agency Essen-  
tial Personnel are maintaining  
the Agency Headquarters in a  
Risk Area.

---

2H ALL AGENCY PERSONNEL BRIEFED  
ON IN-PLACE SHELTER IN RISK  
AREA HEADQUARTERS SITE AS  
WELL AS RELOCATED HEAD-  
QUARTERS SITE IN HOST AREA

Report "Yes" if all Agency Per-  
sonnel have been briefed on  
available In-Place Shelter in  
both Risk Area Headquarters Site  
and relocated site in Host Area.

---

3A AGENCY CHECKED FOR ADE-  
QUATE SUPPLIES

Report "Yes" if Agency supplies  
are sufficient to enable the  
Agency to perform its emergency  
or support functions.

---

3B SUPPLY RESOURCE LOCATED  
(IF REQUIRED)

Report "Yes" if supply resources  
have been located to provide  
back up for Agency emergency or  
support functions.

---

FIGURE 3

**DEFENSE CIVIL PREPAREDNESS AGENCY  
DEPARTMENT OF DEFENSE**

From: \_\_\_\_\_

INCREASED READINESS REPORTING (IRR) STATE GOVERNMENT STATUS FORM	DATE:	REPORT NO.
<b>INCREASED READINESS (IR) ACTIONS TO BE REPORTED</b>		<b>TODAY'S REPORT</b>
<b>BASIC ACTIONS TO INCREASE STATE GOVERNMENT READINESS</b>		
<b>1A</b> Governor briefed on situation and increased readiness plans		<b>1A</b>
<b>1B</b> Military support plans reviewed		<b>1B</b>
<b>EMERGENCY PUBLIC INFORMATION</b>		
<b>2A</b> Local officials urged by Governor to increase local readiness		<b>2A</b>
<b>2B</b> Public urged by Governor to make "limited" civil defense preparations		<b>2B</b>
<b>2C</b> Public urged by Governor to make final crisis preparations short of taking shelter		<b>2C</b>
<b>DIRECTION AND CONTROL READINESS</b>		
<b>3A</b> EOC manned 24 hours at standby level		<b>3A</b>
<b>3B</b> EOC manned at minimum operational level		<b>3B</b>
<b>3C</b> EOC fully manned		<b>3C</b>
<b>COMMUNICATIONS AND WARNING SYSTEMS READINESS</b>		
<b>4A</b> Communications systems ready for emergency operation		<b>4A</b>
<b>4B</b> Warning system ready for operation		<b>4B</b>
<b>EMERGENCY RESOURCE MANAGEMENT READINESS</b>		
<b>5A</b> State Emergency Resource Management Plan reviewed and updated as necessary		<b>5A</b>
<b>5B</b> State resource organization activated		<b>5B</b>
<b>5C</b> Appropriate continuity of government actions have been taken		<b>5C</b>
<b>TEXT:</b>		

# DRAFT

## HOW TO RECORD STATE GOVERNMENT INCREASED READINESS INFORMATION

Step-by step instructions for filling out the IRR State Government Status Form (DCPA Form 901) are set forth in this part.

### STATE GOVERNMENT STATUS FORM

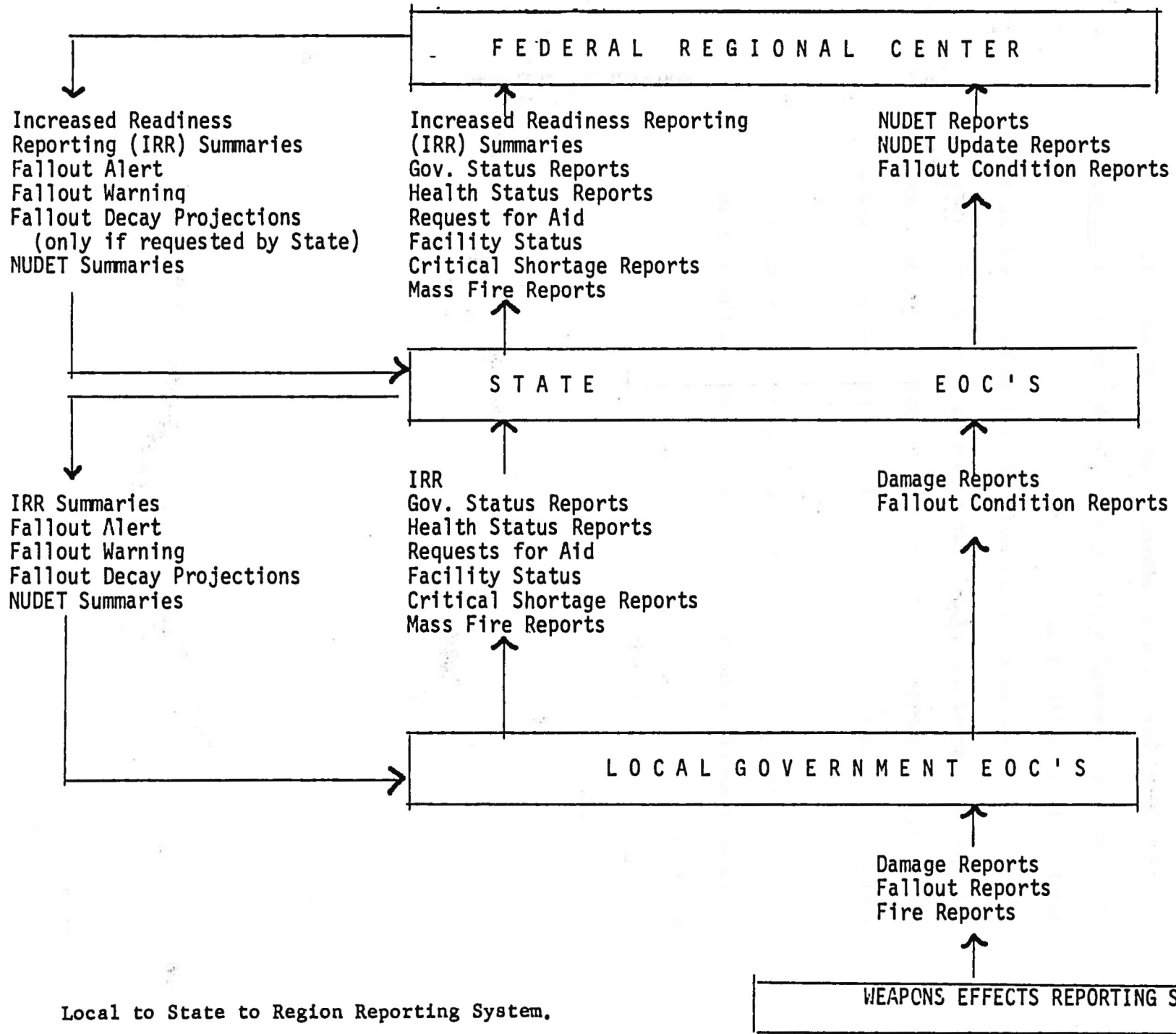
#### First Report (see figure 3)

To prepare the first report about State government IR actions taken today (to the close of the business day and up to the time of the report); e.g., 1800 (6 p.m.) local time, 0100Z Greenwich time.

1. Enter today's date (month and day) in the upper right portion of the form; for example, "October 14."
2. Enter the number one (1) in the Report Number box in the upper right corner box of the form.
3. Consider each item under IR actions to be reported.
4. For any IR actions having been taken, enter "Yes".
5. If necessary, other information about your IR activities may be entered in the TEXT section. Keep the text brief, but an additional page may be used if essential information exceeds the space provided.
6. If a report is requested by the FRC and no IR actions have been taken, enter in the TEXT section "NO ACTIONS TAKEN."

#### Explanation of figure 3.

IRR report number 1 might be made by Colorado on October 14. It reflects that during the first day of the crisis the Governor and key staff were briefed on the situation and that the State NCP Plan and Annex "A" Direction and Control was reviewed. (Item 1A is answered "Yes.") Also, there is at least a 24-hour communications watch in the State EOC (so Item 3A is answered "Yes.")



Local to State to Region Reporting System.

FIGURE 4

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## VIII TESTS AND EXERCISES

A. This Annex, its attachments and appendices, will be exercised and tested annually in accordance with Section III Scope, paragraph C of the Basic Plan.

B. The exercise or test may be of limited scope such as a desk top type or test of any of its parts such as an exercise of its communications capability. However, if the Basic Plan is exercised and tested in its entirety this Annex will be exercised and tested accordingly.

C. Following each exercise or testing it will be updated, changed or modified as required by the findings of the exercise or test.

ATTACHMENT 1  
ANNEX A DIRECTION AND CONTROL

STATE EOC STAFFING PATTERN  
FOR  
NUCLEAR CIVIL PROTECTION

<u>EOC Assignment</u>	<u>State Department or Office</u>
<u>Executive Group</u>	
Governor and his immediate Staff	Office of the Governor
Director Division of Disaster Emergency Services (DODES)	Department of Military Affairs
Secretary	DODES
State Coordinator	Department of Military Affairs
Deputy State Coordinator (Plans Officer DODES)	DODES
President of the State Senate	State Senate Liaison
Speaker of the State House of Representatives	State House Liaison
Chief Judge of the Supreme Court	Supreme Court Liaison
Governors Disaster Emergency Council	The Attorney General Department of Administration Department of Agriculture Department of Highways Department of Health Department of Local Affairs Department of Natural Resources
Public Information Officer (Appointed by the Governor)	Office of the Governor
<u>Operations Group</u>	
Operations Chief	DODES
Deputy Operations Chief	DODES

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## EOC Assignment

## State Department or Office

### Operations Group (Continued)

Health and Medical Officer	Department of Health
Deputy Health and Medical Officer	Department of Health
Law Enforcement Coordinator	Department of Law
Deputy Law Enforcement Coordinator	Department of Law
Fire and Rescue Services Coordinator	State Forester
Deputy Fire and Rescue Services Coordinator	State Forestry Services
Resources Coordinator	Department of Regulatory Agencies
Deputy Resources Coordinator	Department of Regulatory Agencies
Transportation Coordinator	Department of Highways
Deputy Transportation Coordinator	Department of Highways
Engineering Officer (Structural)	Department of Highways
Deputy Engineering Officer (Civil)	Department of Highways
Communications and Warning Officer	DODES
Deputy Communications and Warning Officer	Department of Administration Division of Communications
Communications Coordinator	Department of Administration Division of Communications
Telecommunications Technician	Department of Administration Division of Communications
Social Services Coordinator	Department of Social Services
Deputy Social Services Coordinator	Department of Social Services
Military Support Officer	Department of Military Affairs
Deputy Military Support Officer	Department of Military Affairs
Emergency Highway Traffic Coordinator	Department of Highways Colorado State Patrol
Deputy Emergency Highway Traffic Coordinator	Department of Highways Colorado State Patrol

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## EOC Assignment

### Operations Group (Continued)

Pollution Control Officer

Deputy Pollution Control Officer

Air Operations Officer

Deputy Air Operations Officer

### Damage Analysis Group

Damage Analysis Officer

Deputy Damage Analysis Officer

RADEF Officer

Deputy RADEF Officer

Reports Officer

Deputy Reports Officer

Plotter

Reports Staff

Deputy Reports Staff

### Administrative Group

Chief of Administration

Deputy Chief of Administration

Fiscal Officer

Deputy (Supplies)

Security Chief

Manpower Resources Officer

Maintenance Chief

Custodial Chief

Clerk

## State Department or Office

Department of Health,  
Water Quality Division

Department of Health,  
Office of Health Protection (Air)

Department of Military Affairs  
Division of CAP

DODES - MOBDES Officer

DODES

Department of Agriculture

DODES

Department of Health

Department of Natural Resources

Department of Natural Resources

DODES

Department of Revenue

Department of Personnel

DODES

Department of Administration

Department of Revenue

Department of Administration

Department of Law

Department of Labor and Employment

Department of Military Affairs

Department of Military Affairs

DODES

# DRAFT

## EOC Assignment

## State Department or Office

### Administrative Group (Continued)

Culinary Chief

Department of Social Services

Medical/First Aid

American National Red Cross

### Message Center Group

Message Center Controller

DODES

Deputy Message Center Controller

DODES State RACES

Clerk

DODES State ARRL

Radio Operators (2)

Department of Highways

Radio Operators (2)

Department of Highways,  
Colorado State Patrol

Radio Operators (2)

Department of Natural Resources,  
Division of Wildlife

Radio Operators (2)

Department of Natural Resources,  
Division of Parks and Recreation

Radio Operators (2)

Department of Military Affairs,  
Division of CAP

Radio Operators (2)

DODES State RACES

Radio Operators, Manpower Pool (4)

Department of Military Affairs

### Support Staff

Civil Air Patrol (2)

Department of Military Affairs,  
Division of CAP

American National Red Cross (2)

American National Red Cross  
(Private Relief Agency Liaison)

DCPA Region Six Liaison (2)

DCPA Region Six (FEMA)

# DRAFT

## ATTACHMENT 2

### ANNEX A DIRECTION AND CONTROL

#### EOC STAFF FUNCTIONAL DESCRIPTION FOR NUCLEAR CIVIL PROTECTION

DIRECTOR, DIVISION OF DISASTER EMERGENCY SERVICES, is responsible during emergencies for the overall coordination of actions of state agencies in the fulfillment of their responsibilities to local governments to effect the most efficient utilization possible of all available resources.

PUBLIC INFORMATION OFFICER has the responsibility for keeping the public informed concerning steps which are being taken by federal, state and local governments concerning survival actions.

THE STATE COORDINATOR will coordinate the activities of the Operations Group, the Disaster Analysis Group, the Administration Group and the Message Center Group.

THE OPERATIONS CHIEF will coordinate the activities of the Operations Group to insure the efficient utilization of state resources.

HEALTH AND MEDICAL OFFICER will coordinate statewide health and medical services programs, including the use of emergency hospitals within the state, and provide medical and health care for the EOC staff during activation for war emergency - enemy attack situation.

LAW ENFORCEMENT COORDINATOR will be responsible for a statewide system of law and order to protect the citizens of the state, provide security for the state Emergency Operations Center and other vital facilities.

FIRE SERVICE COORDINATOR will coordinate a statewide system of fire control.

POLLUTION CONTROL OFFICER will coordinate a statewide system of surveillance of solid waste and waste water control to prevent contamination of the environment and to determine threats to the environment involving release of harmful substances into the air or water, insuring that they are contained and/or neutralized.

TRANSPORTATION COORDINATOR will establish plans and procedures and coordinate actions to insure the most effective utilization possible of the transportation resources of the state.

ENGINEERING OFFICER will coordinate a statewide system providing for the repair, restoration and emergency construction of public service utilities and transportation facilities for emergency operation of the highway systems and for providing other engineering support services as required.

# DRAFT

## ATTACHMENT 2 (continued)

EMERGENCY HIGHWAY TRAFFIC COORDINATOR will coordinate matters pertaining to emergency highway traffic; i.e., movement, identification and designation of routes, establishment of capacities and priorities, maintenance of records, and coordination of other related functions.

COMMUNICATIONS AND WARNING OFFICER is responsible for the coordination of communication resources between state agencies having emergency responsibilities, between the state government and political subdivisions, for receipt and dissemination of information pertaining to impending disasters of any nature, and for providing guidance to local governments in effecting their communications and warning systems.

SOCIAL SERVICES COORDINATOR will coordinate a statewide system for feeding, clothing and housing of dislocated persons, and is responsible for the establishment of procedures to assist the public in reuniting families and performing other social services functions as required.

MILITARY SUPPORT OFFICER is responsible for liaison activities between the state Division of Disaster Emergency Services and Colorado Area Command Headquarters.

CHIEF OF ADMINISTRATION will coordinate activities pertaining to fiscal affairs, supplies and equipment and manpower.

FISCAL OFFICER is responsible for the procurement, disbursement, and accounting of funds for state EOC emergency operations.

SUPPLY OFFICER is responsible for procurement and/or distribution of supplies and equipment required by the state Emergency Operation Center for emergency operations, including, but not limited to, communications supplies, parts and equipment, office supplies, and food and kitchen supplies. He will also coordinate actions concerned with requests by state agencies and local governments for supplies and equipment.

MANPOWER OFFICER is responsible for the development and management of a manpower pool for EOC operations and for coordinating requests for manpower by state agencies, and local governments.

MESSAGE CENTER CONTROLLER is responsible for the efficient operation of the EOC message center.

DAMAGE ANALYSIS OFFICER will provide guidance and coordination on radiological and damage assessment matters. In so doing, he will insure that information pertaining to nuclear detonations, fallout intensities and durations is gathered; the effects or probable effects are weighed; the state staff is appropriately informed; and required reports are prepared and submitted.

# DRAFT

## ATTACHMENT 2 (continued)

RADIOLOGICAL DEFENSE OFFICER is responsible for the management of an effective radiological monitoring system for evaluating the radiation hazard within the state.

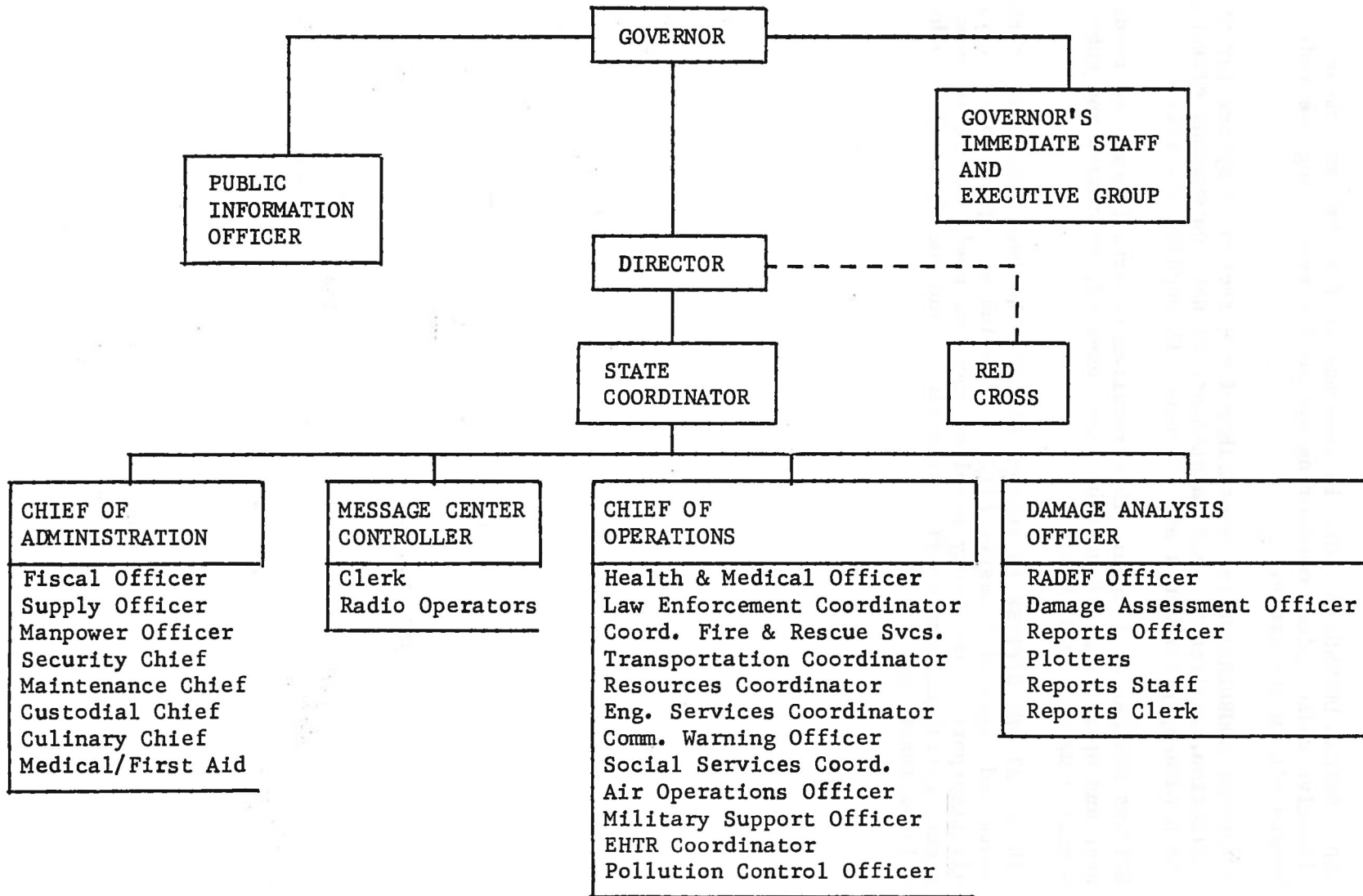
RESOURCES COORDINATOR is responsible for effecting a system for the collection, analyzation and maintenance of data on weapons effects on the populace, governments and resources throughout the state.

REPORTS OFFICER will insure that required reports (increased readiness and operational situations) are received, processed and submitted promptly up and down channels.

AIR OPERATIONS OFFICER is responsible for the implementation of the State and Regional Disaster Airlift Plan and air operations; i.e., air transport of emergency supplies and personnel, aerial reconnaissance, aerial highway traffic surveillance and coordination of other related functions.



FIGURE 5 ORGANIZATION CHART  
 ANNEX A DIRECTION AND CONTROL  
 STATE EOC STAFFING PATTERN FOR  
 NUCLEAR CIVIL PROTECTION



# DRAFT

## ATTACHMENT 3 ANNEX A DIRECTION AND CONTROL

### STATE ALTERNATE EOC STAFFING PATTERN FOR NUCLEAR CIVIL PROTECTION

#### ALTERNATE EOC ASSIGNMENT

#### STATE DEPARTMENT OR OFFICES

##### Executive Group

Lt. Governor and His Immediate Staff

Office of the Lt. Governor

Deputy Director Division of Disaster Emergency Services (DODES)

Department of Military Affairs

Secretary

Department of Personnel

State Coordinator

Department of Military Affairs

Deputy State Coordinator

DODES - MOBDES Officer

Representative

State Senate Liaison

State House of Representatives Liaison Person

State House Liaison

Liaison Person Supreme Court

Supreme Court Liaison

Governors Disaster Emergency Council Representatives

The Attorney General

Department of Administration

Department of Agriculture

Department of Highways

Department of Health

Department of Local Affairs

Department of Natural Resources

Public Information Officer  
(Appointed by the Lt. Governor)

Office of the Lt. Governor

##### Operations Group Operations Chief

DODES - MOBDES Officer

Health and Medical Officer

Department of Health

# DRAFT

## ALTERNATE EOC ASSIGNMENT

### Operations Group (Continued)

Deputy Health and Medical Officer

Law Enforcement Coordinator

Deputy Law Enforcement Coordinator

Fire Services Coordinator

Deputy Fire Services Coordinator

Resources Coordinator

Deputy Resources Coordinator

Transportation Coordinator

Deputy Transportation Coordinator

Engineering Officer (Structural)

Deputy Engineering Officer (Civil)

Communications and Warning Officer

Communications Coordinator

Telecommunications Technician

Social Services Coordinator

Deputy Social Services Coordinator

Military Support Officer

Deputy Military Support Officer

Emergency Highway Traffic  
Coordinator

Deputy Emergency Highway Traffic  
Coordinator

Pollution Control Officer

## STATE DEPARTMENT OR OFFICE

Department of Health

Department of Law

Department of Law

Department of Higher Education

State Forestry Services

Department of Regulatory Agencies

Department of Regulatory Agencies

Department of Highways

Department of Highways

Department of Highways

Department of Highways

DODES - MOBDES Officer

Department of Administration,  
Division of Communications

Department of Administration,  
Division of Communications

Department of Social Services

Department of Social Services

Department of Military Affairs

Department of Military Affairs

Department of Highways,  
Colorado State Patrol

Department of Highways,  
Colorado State Patrol

Department of Health, Division  
of Water Quality Control

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## ALTERNATE EOC ASSIGNMENT

### Operations Group (Continued) Deputy Pollution Control Officer

Air Operations Officer

Deputy Air Operations Officer

### Damage Analysis Group Damage Analysis Officer

Deputy Damage Analysis Officer

RADEF Officer

Deputy RADEF Officer

Reports Officer

### Administrative Group Chief of Administration

Clerk

Fiscal Officer

Security Chief

Manpower Resources Officer

Custodial Chief

Medical/First Aid

Culinary Chief

### Message Center Group Message Center Controller

Clerk

Radio Operators (2)

## STATE DEPARTMENT OR OFFICE

Department of Health, Office  
of Health Protection (Air)

Department of Military Affairs,  
Division of CAP

DODES - MOBDES Officer

DODES - MOBDES Officer

Department of Agriculture

DODES - MOBDES Officer

Department of Health

Department of Natural Resources

Department of Administration

Department of Personnel

Department of Revenue

Department of Law

Department of Labor and Employment

Department of Military Affairs

American National Red Cross

Department of Social Services

Department of Military Affairs,  
Division of CAP

Department of Military Affairs,  
Division of CAP

Department of Highways

# DRAFT

## ALTERNATE EOC ASSIGNMENT

### Message Center Group (Continued)

Radio Operators (2)

Radio Operators (2)

Radio Operators (2)

Radio Operators (2)

Radio Operators (2)

Radio Operators, Manpower Pool (2)

Radio Operators, Manpower Pool (2)

### Support Staff

Civil Air Patrol (2)

American National Red Cross (2)

DCPA Region Six Liaison (2)

## STATE DEPARTMENT OR OFFICE

Department of Highways,  
Colorado State Patrol

Department of Natural Resources,  
Division of Wildlife

Department of Natural Resources,  
Division of Parks and Recreation

Department of Military Affairs,  
Division of CAP

DODES State RACES

Department of Military Affairs

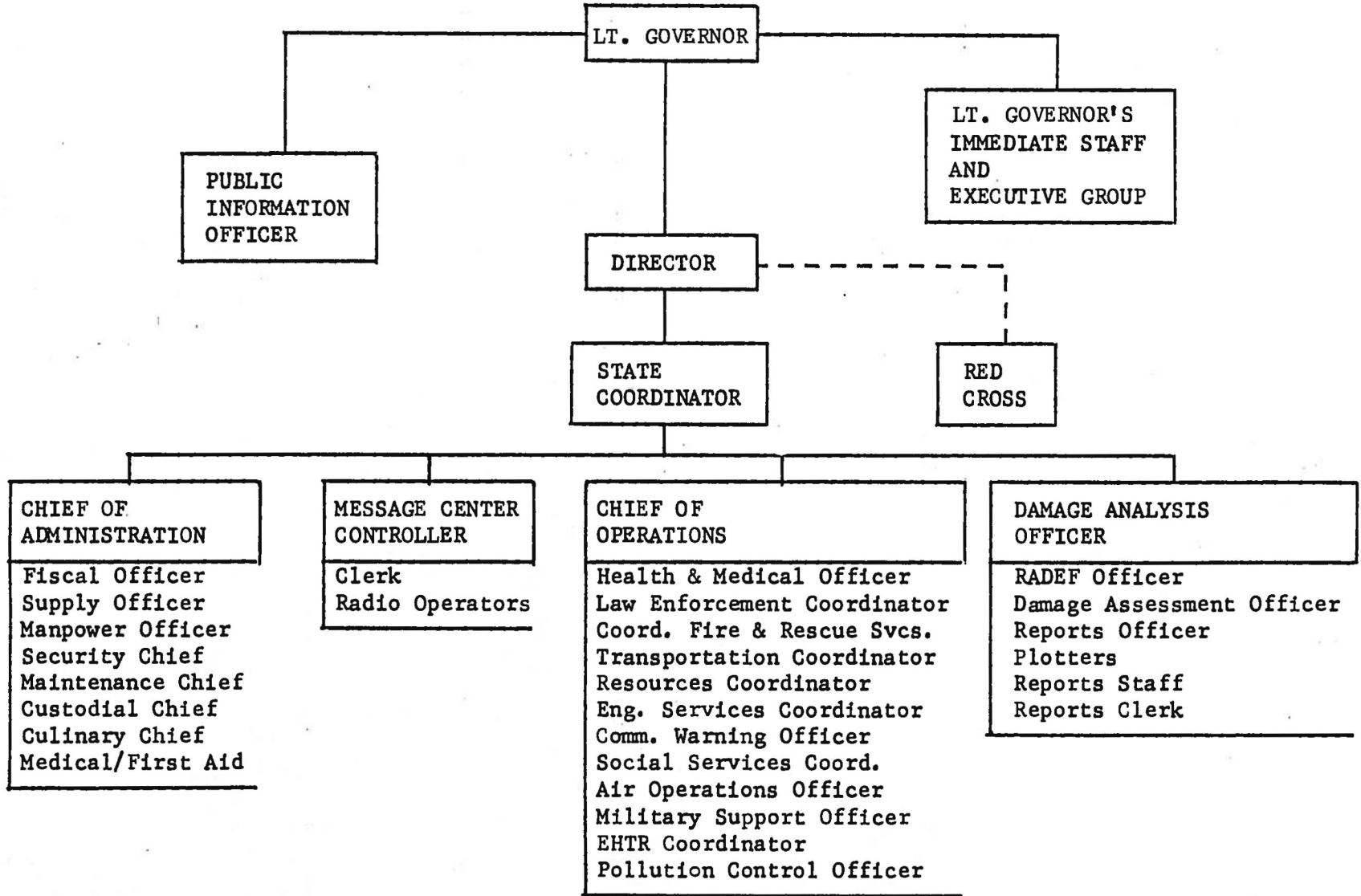
DODES State ARRL

Department of Military Affairs,  
Division of CAP

American National Red Cross  
(Private Relief Agency Liaison)

DCPA Region Six (FEMA)

FIGURE 6 ORGANIZATION CHART  
 ANNEX A DIRECTION AND CONTROL  
 STATE ALTERNATE EOC STAFFING PATTERN  
 FOR  
 NUCLEAR CIVIL PROTECTION



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