



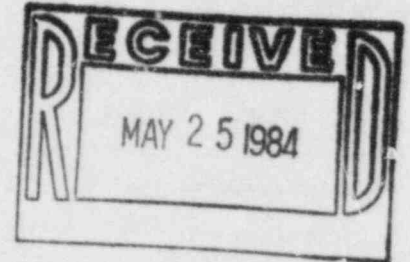
# Public Service Company of Colorado

16805 WCR 19 1/2, Platteville, Colorado 80651

50-267

May 21, 1984  
Fort St. Vrain  
Unit #1  
P-84151

Mr. John T. Collins  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 1000  
Arlington, TX 76011



SUBJECT: Revision to RERP-VC,  
Visitor's Center Procedure

REFERENCE: Letter, Johnson to Lee,  
dated May 8, 1984  
(G-84153)

Dear Mr. Collins:

In response to your letter dated May 8, 1984, the following was the basis for the revision of RERP Implementing Procedure RERP-VC, Visitor's Center Procedure.

The responsibility for radiological monitoring of evacuees at any evacuation location has always been that of the Colorado Department of Health (CDH) as set forth in the State RERP, Annex W (Attachment 1). The Fort Lupton Fire Department is an available Holding Area to be activated by CDH if required, as stated in the State RERP, Annex J, Appendix 2 (Attachment 2).

The Visitor's Center Procedure was revised as it was not explicitly stated that the responsibility to monitor persons at the Fort Lupton Fire Department was CDH's and not Public Service Company of Colorado's. Questions regarding this matter arose during a review of the procedure for accuracy and completeness.

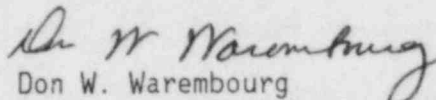
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If you have any further questions concerning this matter, please contact me at (303) 785-2223.

Very truly yours,

  
Don W. Warembourg  
Manager, Nuclear Production

Attachments

cc: Eric H. Johnson, Chief  
Reactor Project Branch 1  
U.S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 1000  
Arlington, TX 76011

DWW/dkh

COLORADO  
RADIOLOGICAL EMERGENCY RESPONSE PLAN  
FORT ST. VRAIN

Annex W - Compendium of Responsibilities

<u>RESPONSIBILITIES</u>	<u>PLAN REFERENCE</u>
1. <u>Office of the Governor</u>	
a. The Governor of the State of Colorado is responsible for overall control of the emergency response operations.	E-1, E-3, F-11
b. Provide a representative at the State EOC and maintain overall Direction and Control through the Department of Military Affairs, Division of Disaster Emergency Services (DODES).	E-2
c. Issue necessary Proclamations and Orders to provide emergency response teams and State and County Agencies with authority to carry out their assigned emergency actions.	O-4
d. Issuing orders for evacuation of the endangered population.	H-2
e. Order the National Guard to active duty to assist in emergency operations as necessary.	GG-3
f. Prepare and control Public Information Releases to the Media and the public.	S-12
g. On receipt of Health Department recommendation, issue re-entry orders.	I-2
h. Assure State Agency response as required.	O-4
2. <u>Department of Military Affairs (DOMA)</u>	
a. Assign qualified representatives to the State EOC and FCP when activated.	GG-3

RESPONSIBILITIESPLAN REFERENCE

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|--|------|
| b. Maintain five radio equipped jeeps, roster of driver/radio operators, and logistic plans ready to support on-scene emergency response forces. | GG-3 |
| c. Maintain plans for selective activation of the Colorado National Guard by the Governor, if required to support this plan.                     | GG-3 |
| d. Maintain plans and procedures for requesting assistance from Federal Military units.  | GG-3 |
3. Division of Disaster Emergency Services (DODES)
- |  |   |
|--|---|
| a. Coordinate this plan and maintain the plan in a current status.   | O-4                                       |
| b. Develop, coordinate and implement notification procedures for this plan.  | B-4, C-2, I-7                             |
| c. Activate and staff the EOC and FCP.   | B-5, E-3, F-11                            |
| d. Coordinate and control all radiological emergency response activities.  | E-4, F-11, H-2,<br>I-7, K-5, N-2,<br>GG-3 |
| e. Coordinate telecommunications plans and procedures.   | F-11                                      |
| f. Coordinate all other assistance activities not covered in this plan including search and rescue.  | I-7, N-2                                  |
| g. Schedule and coordinate tests and exercises of this plan.   | F-11, O-4, P-1-2                          |
| h. Upon advice by the Health Department, obtain approval from the Governor for evacuating any citizens from the area affected by the nuclear facility emergency or for their re-entry to the area. | M-16, R-2                                 |

## RESPONSIBILITIES

## PLAN REFERENCE

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|--|-----------|
| i. Maintain a personnel decontamination capability at the State EOC.   | L-7       |
| j. Respond to requests for resource augmentation, both personnel and material.   | H-2, J-10 |
| k. Provide affected communities with warning authentication, upon request.   | B-4       |
| l. Provide communications, radiological monitoring (including aerial monitoring) and other available support to affected local governments and to the State Health Department. | H-2       |
| m. Coordinate and support other State agencies, political subdivisions or volunteer organizations in developing training programs in support of this plan.                     | P-2, P-4  |
| n. Obtaining assistance of the Department of Energy (DOE) Region VI Idaho Operations Office for RAP/IRAP thru FEMA.  | FF-5      |

### 4. Department of Agriculture

- |  |          |
|--|----------|
| a. Control agricultural activities within the control or contaminated area from a health hazard standpoint.  | I-8, J-9 |
| b. Assist in evaluation of radiological hazards in agricultural areas.                                       | J-9, K-4 |
| c. Assist the Department of Health with inspection of foods and food products for radioactive contamination. | J-9, K-4 |
| d. Assist in providing uncontaminated livestock food for cattle in the contaminated area.                    | J-9      |

## RESPONSIBILITIES

## PLAN REFERENCE

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|--|---------------------|
| e. Coordinate and assist in decontamination of livestock, milk, crops and farmland.  | I-8,J-9             |
| f. Control the use or disposition of farm animals, crops, and animal feed in contaminated areas.   | I-8,K-4             |
| g. Maintain liaison with U.S.D.A., CDH, and others.  | I-8,J-9,K-4         |
| h. Assist in radiological monitoring of contaminated agricultural areas and food supplies.   | I-8,J-9,K-4,<br>I-8 |
| <br>5. <u>Division of Communications</u>   |                     |
| a. Provide technical assistance in establishing communications systems in support of this plan.  | F-11                |
| b. Assist in conduct of tests and exercises of this plan.  | P-2                 |
| <br>6. <u>Division of Colorado State Patrol</u>  |                     |
| a. Assist in traffic control, evacuation and area control.   | E-4,I-8             |
| b. Assist in providing transportation of Department of Health radiological personnel and equipment.  | E-5,I-8             |
| c. Assist in providing mobile communications and use of its regular telecommunications systems.  | E-4,I-8             |
| d. Provide qualified personnel at the Forward Command Post and the State EOC to ensure effective control of their forces and perform departmental tasks as required. | F-11                |

## RESPONSIBILITIES

## PLAN REFERENCE

### 7. Department of Health

- |   |                            |
|---|----------------------------|
| a. Act as the lead State agency for technical response in radiological assessment, radiological monitoring, health, emergency medical services and related public health matters in accordance with statutory authority provided in Title 25-11-101 Colorado Revised Statutes 1973. | C-2, D-5, E-4,<br>H-2      |
| b. Provide technical advice to all State and local governments regarding radiological health and emergency medical services.  | E-4, J-9, P-2              |
| c. Incident assessment.   | C-2, D-5, I-6              |
| d. Recommend evacuation or re-entry through DODES, to the Governor in accordance with statutory authority to provide for the protection of the public health and safety as appropriate.   | H-2, J-6, M-16,<br>R-2     |
| e. Verify and modify, as necessary, initial classification of the incident made by Public Service.  | D-6, I-6                   |
| f. Provide for and utilize air sample and meteorological data.  | D-6                        |
| g. Control, coordinate, or supervise all decontamination activities.  | I-6                        |
| h. Advise the Public Service Company when evacuation has been directed and the areas affected.  | H-3                        |
| i. Prepares and/or coordinate public information releases.  | C-2, E-4, H-3,<br>I-6, K-5 |
| j. Determine when re-entry to an evacuated area is to be permitted.   | R-2                        |

RESPONSIBILITIESPLAN REFERENCE

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|---|-------------|
| k. Establish Protective Action Guides (PAG's) on behalf of Colorado.  | M-2,M-7     |
| l. Provide coordination of Emergency Medical Services, triage, casualty evacuation and hospital allocation.                                     | J-9,L-5     |
| m. Provide for identification, emergency handling and emergency mortuary services for deceased radiation contaminated victims.                  | J-7,L-5     |
| n. Provide staffing at the State EOC, FCP, Rad Field teams and CDH-ECC.   | D-6,E-4     |
| o. Determine when warnings should be issued and the content of warning messages.  | C-2,I-6,K-5 |
| p. Correct any known inaccuracies in radio broadcasts and notify the news media of the actions being taken.                                     | C-2         |
| q. Maintain radiation exposure log and determine optimal allowable time of exposure for emergency personnel.                                    | I-6,L-5     |
| r. Establish respiratory requirements for persons entering areas when airborne radiological contamination is suspected.                         | I-7         |
| s. Maintain the Evacuees Registration Log.  | H-3         |
| t. Maintain records of contaminated and/or exposed victims and coordinate with appropriate hospitals for post-incident follow up.               | H-3,L-5     |
| u. Coordinate the on-scene control of incident victims and radiological screening as required by the situation at the controlled area boundary. | H-2,J-9     |
| v. Plan and make provisions for premature child birth that may be precipitated by the incident.   | L-5         |

RESPONSIBILITIESPLAN REFERENCE

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|-----|---|---------------|
| w.  | Arrange for bioassay of all persons suspected of internal deposition of radioactive materials.                                  | J-7,L-5       |
| x.  | Establish criteria and control for contaminated milk, water, food supplies and agricultural land in conjunction with EPA-PAG's. | I-6-7,J-9,K-5 |
| y.  | Establish criteria and allowable exposure time for emergency workers.   | I-7           |
| z.  | Determine direct radiation levels and airborne radioactive particulates.  | DD-8          |
| aa. | Establish radiological monitoring and decontamination locations for evacuees.   | H-2,J-9       |
| bb. | Control and/or assist in radiological monitoring of agriculture crops and areas.  | D-6,K-5       |
| cc. | Maintain liaison with appropriate Federal agencies.   | J-9           |
| dd. | Coordinate and assist in all emergency radiological response training.  | L-5,P-2       |

8. Department of Higher Education

- |    |   |     |
|----|---|-----|
| a. | Provide technical consultants to assist the Department of Health and the Office of the Governor with nuclear facility accident assessment.                      | P-2 |
| b. | Provide technical consultants to assist the Department of Health and the Office of the Governor with radiological medical assessment of the exposed population. | P-2 |

## RESPONSIBILITIES

## PLAN REFERENCE

### 9. Department of Law

- a. Provide legal counsel to the Governor and to local governments concerning legal implications and claims against State government because of a nuclear facility accident or emergency. Q-6
- b. Provide legal counsel and review of Executive Orders, Proclamations, Directives, Procedures and other documents issued by the Governor, State Departments or local government during a nuclear facility accident or emergency. Q-6

### 10. Colorado Department of Social Services

- a. Notify the Rocky Mountain Division, American Red Cross when an incident occurs at the Fort St. Vrain Plant to establish liaison and coordinate welfare activities. FF-5
- b. Provide emergency welfare services and administer the Individual and Family Grant Program under Section 408 of PL-93-288; the Disaster Relief Act of 1974 (88 Statute 154); Federal Disaster Assistance Administration Regulation (24CLR 2205.481); and Title 28, Article 2 Colorado National Disaster Emergency Operation Plan. H-3
- c. Coordinate and, if necessary, assist the Weld County Red Cross Disaster Chairman in providing lodging, registration and support of evacuees. H-3
- d. The Governor may direct the Department of Social Services to manage the evacuees. If so directed, the Department will assume operation control of evacuees in coordination with Weld County and the American Red Cross. H-3

RESPONSIBILITIESPLAN REFERENCE11. University of Colorado Health Sciences Center

- |   |      |
|---|------|
| a. Provide medical assistance and treatment for radiation victims.  | L-6  |
| b. Coordinate the utilization of other hospital facilities in the Denver Metro Area not specifically identified in this plan.   | L-6  |
| c. Provide a medical triage team to coordinate the on-scene control of incident victims, triage and radiological screening of medical emergencies as required by the situation. | L-6  |
| d. Assist in providing consultative Resources, Contamination Sorting Point, Triage Medic/Doctor teams for determining the disposition of patients and personnel.                | J-10 |
| e. Provide Consultative Resources to assist in decontamination and evaluation of contaminated personnel at neighborhood schools or Camp George West.                            | J-10 |

12. Weld County Commissioners

- |   |         |
|---|---------|
| a. Insure local emergency plans and Standard Operating procedures in support of this Plan are developed and maintained by Weld County Departments.  | E-5,P-2 |
| b. Conduct periodic exercises, drills and training sessions conducted for local emergency response personnel to ensure they are adequately trained.   | E-5,P-2 |
| c. Assignment of responsibility for public health, in coordination with the State Department of Health, fire, rescue, transportation, emergency public information, emergency welfare, and other emergency functions to appropriate local agencies and organizations. | L-6     |

## RESPONSIBILITIES

## PLAN REFERENCE

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|---|-----------|
| d. Establishment of procedures for the rapid notification of hazarded populations near the facility and the incorporation of such procedures into local plans.  | B-5, I-5  |
| e. Assist in providing Emergency Medical Services.  | L-6       |
| f. Authorize appropriate county forces to assist DODES and other agencies as required.  | K-5       |
| g. Designate representatives to the Forward Command Post to represent the county and control Weld County response forces.   | E-5       |
| h. Provide security for the Forward Command Post.   | H-4, CC-6 |
| i. Provide transportation for those persons who have no available transportation, are handicapped or infirmed and those who are found to be radiologically contaminated and require transportation to a hospital. | H-1, H-4  |
| j. Prepare and maintain an overall plan for utilization of county resources in support of this Plan.  | L-7, P-2  |
| k. Establish and monitor a training program for all county agencies and county located volunteer organizations that are tasked to support this Annex.   | L-7, P-2  |

### 13. Weld County Civil Defense

- |  |           |
|--|-----------|
| a. Coordinate local nuclear emergency response planning and emergency preparedness information with nuclear facilities. Assist local agencies and officials to develop appropriate emergency capabilities; establish a local | P-2, FF-4 |
|--|-----------|

## RESPONSIBILITIES

## PLAN REFERENCE

- Radiological Trained Rescue Team and radiological monitoring system appropriate for use in nuclear incidents; promoting the development of effective emergency communications, emergency resources inventories, emergency welfare services, and Red Cross Liaison.
- P-2, FF-4
- b. Provide warning and communications support to the sheriff; coordinate specified emergency activities on behalf of the Sheriff, coordinating local public information activities, establishment of reception centers, and EOC operations, assist welfare services, e.g., Red Cross; coordinate local support of recovery effort on behalf of local government, as required and providing, in coordination with the State Department of Health, overall supervision of local radiological monitoring and provide additional monitors as required.
- C-3, E-5, F-11,  
J-10, P-2, FF-4
- c. Provide for emergency feeding and sheltering of persons evacuated from a contaminated area.
- FF-4-5
- d. Coordinate notification, warning, evacuation and emergency functions as outlined in the Weld County Emergency Operations Plan.
- EE-1
- e. Notify school districts RE-1; District RE-8; District 5E-5J; City of Longmont.
- EE-1
14. Weld County Communications Center
- a. Coordinate and facilitate notification messages and communications within Weld County and to the State EOC and FCP.
- E-5, F-12, L-6

RESPONSIBILITIESPLAN REFERENCE

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|---|-----------------------|
| b. Provide communications personnel for the FCP.  | F-12                  |
| c. Coordinate ambulance service and hospital notification.  | L-6                   |
| 15. <u>Weld County Sheriff</u>  |                       |
| a. Warn the affected population.  | C-2,H-4,I-7           |
| b. Initiate and/or enforce evacuation and re-entry decisions.   | G-1-2,H-4,I-7,<br>R-2 |
| c. Maintain law and order to include security of controlled area.   | H-4,I-7,R-2           |
| d. Control traffic in, into or out of controlled area.  | G-1,I-7,R-2           |
| e. Control or coordinate all Weld County governmental and volunteer emergency forces.   | G-1,H-4,N-2           |
| f. Coordinate fire fighting activities in Weld County.  | G-1,H-4,N-3           |
| g. Coordinate and/or assist with communications in Weld County.   | G-2,I-7               |
| h. Dispatch loudspeaker equipped vehicles to affected areas and personnel for door-to-door notification, especially to handicapped or infirmed persons. | H-4                   |
| i. Assist in radiological monitoring and accident assessment, and environmental assessment as the capability exists.                                    | I-7                   |
| j. Facilitate collection of health hazard data.   | D-6                   |
| k. Establish and man Traffic Control Points and vehicle impoundment areas as needed.  | G-2,H-4               |

## RESPONSIBILITIES

## PLAN REFERENCE

- l. Maintain current list of all certified rescue units within Weld County. N-2
  - m. Insure that Railroads have been notified. G-2
  - n. Assist in coordinating on-scene control of accident victims. L-6
  - o. Coordinate transportation requirements if regular emergency vehicles are insufficient to meet needs of situation. L-6
  - p. Provide liaison personnel for the Forward Command Post and assist in activation of the FCP. E-5, F-12
16. Weld County Health Department
- a. Assist in radiological monitoring and accident assessment. D-6, J-10
  - b. Assist in environmental assessment and decontamination. J-10
  - c. Assist the county in preparing emergency public information. R-2
  - d. Assist the State Department of Health with radiological monitoring at TCP's and decontamination at neighborhood schools and other decontamination sites. J-10
17. Weld County Agricultural Extension Service
- a. Assist the Colorado Department of Agriculture in performing their responsibilities. K-5
18. City and County of Denver
- a. Make available the Denver Metropolitan Area Health and Hospitals Emergency Communications Network in support of emergency medical services. L-7

RESPONSIBILITIESPLAN REFERENCE19. Public Service Company

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|--|--------------------|
| a. Make an initial assessment of the situation.  | D-5, I-6           |
| b. Make initial determinations of the class of the incident and the boundaries of the controlled area.                         | D-1                |
| c. Initiate primary notifications and follow-up messages, recommending protective actions to be taken by off-site authorities. | B-4, C-3, D-5, I-6 |
| d. Perform radiological monitoring of Public Service Company property at Fort St. Vrain.                                       | J-8                |
| e. Establish on-site emergency operations center.  | E-3                |
| f. Establish plans and facilities for personnel decontamination on-site.   | J-8                |
| g. Provide meteorological and other data as available.   | N-2                |
| h. Provide staffing at the State EOC and FCP.  | E-5                |
| i. Provide communications from Fort St. Vrain to FCP and personnel to operate these communications.                            | F-12               |

20. American Red Cross

- |  |      |
|--|------|
| a. Coordinate volunteer relief agencies responding to an incident at the Fort St. Vrain Power Plant.               | FF-3 |
| b. Maintain a current list of and data on emergency lodging facilities in La Salle, Greeley and Fort Lupton in the | FF-3 |

RESPONSIBILITIESPLAN REFERENCE

- event an incident at the Fort St. Vrain plant requires evacuation of persons living in a specified area. FF-3
- c. Maintain a plan for the reception, registration and the assignment of lodging space for the capacity of each shelter facility. FF-3
- d. Maintain a mass-feeding plan for evacuees in La Salle, Greeley and Fort Lupton. FF-3
- e. Maintain a current list, method of contact and shelter assignment of volunteers by their specialized qualifications or emergency roles in an evacuation situation to include doctors, nurses and other medical personnel. FF-3
- f. Maintain plans to provide food to emergency response personnel working at the scene and at the Forward Command Post in the Municipal Building, 330 Park Avenue, Fort Lupton. FF-3
- g. If evacuation is directed, receive, register and otherwise provide care for the evacuees in accordance with standard Red Cross emergency procedures. FF-4
- h. Maintain a recruiting and training program for volunteer workers for evacuation duty. FF-3
- i. Participate in drills and exercises as appropriate. P-2
21. Salvation Army
- a. Maintain a stock of clean used clothing at designated locations for use in support of this plan. J-10

RESPONSIBILITIESPLAN REFERENCE

- b. Transport clothing and clothing supply personnel to designated decontamination stations as requested by the Colorado Department of Health. J-10
- 22. Weld County Ambulance Service
  - a. Provide ambulance service required by this plan. L-5
  - b. Accomplish training necessary to support this plan. P-2
- 23. Platte Valley Ambulance Company
  - a. Provide ambulance service required by this plan. L-6
  - b. Accomplish training necessary to support this plan. P-2
- 24. Weld County General Hospital
  - a. Provide medical assistance and treatment for the injured and radiation victims. L-6
  - b. Maintain a radiological emergency plan. P-2
- 25. Brighton Community Hospital
  - a. Provide medical assistance and treatment for the injured and radiation victims. L-6
  - b. Maintain a radiological emergency plan. P-2
- 26. St. Luke's Hospital
  - a. Maintain a radiological emergency plan. L-7

## RESPONSIBILITIES

## PLAN REFERENCE

- b. Provide medical assistance and treatment for radiation victims in accordance with a separately negotiated agreement with the Public Service Company which provides primarily for treatment of on-site personnel. L-7
- 27. Platteville Volunteer Fire Department
  - a. Respond to fires at the Fort St. Vrain facility. N-3
  - b. Insure that volunteer fire fighters are trained in the use of any special procedures required for fighting fires at the Fort St. Vrain facility. N-3
- 28. Search and Rescue Teams and Forces
  - a. Respond to any request for rescue assistance within their capabilities. N-2
  - b. Comply with all controls and procedures established in this plan, by the Weld County Sheriff, or by the Forward Command Post authorities. N-2
  - c. Rescue teams should make every effort to participate in radiological training in order to understand the hazards they will face in the performance of their duties. N-2
- 29. The Federal Emergency Management Agency  
As Coordinator of Federal Support Agencies
  - a. Provide for appropriate representation at the Forward Command Post and/or the State EOC of those Agencies of the Federal Government having responsibilities under their separate plans, or as requested by the Governor or the Colorado Division of Disaster Emergency Services. E-6

## RESPONSIBILITIES

## PLAN REFERENCE

- b. Maintain contact with the Department of Energy (DOE), Region VI, Idaho Falls, Idaho, the coordinating agency for RAP/IRAP liaison. DOE, Region VI is included in the initial notification procedure, as shown in Appendix 5, Annex B. The purpose of maintaining contact with DOE is to provide for an exchange of information between the Colorado State EOC and DOE, in the event RAP/IRAP assistance is required.
- c. Requesting RAP/IRAP assistance from DOE by designated FEMA representative when need for such is determined in conference with Director, State Division of Disaster Emergency Services.

E-6, F-12

E-6

## Appendix 2

FIXED TEMPORARY DECONTAMINATION STATIONS

- A. Temporary Decontamination Stations (Holding Areas) may be established by the Colorado Department of Health at one or more of the following locations based on existing meteorological and off-site release parameters:

FIRE DEPARTMENTS

Fort Lupton Fire Department

Greeley Fire Department

Longmont Fire Department

Loveland Fire Department

GREELEY SCHOOLS

John Evans Junior High School  
2900 15th Avenue, Greeley, Colorado

Health Junior High School  
2223 16th Avenue, Greeley, Colorado

Greeley Central High School  
1515 14th Avenue, Greeley, Colorado

Greeley West High School  
2401 35th Avenue, Greeley, Colorado

FORT LUPTON SCHOOLS

Fort Lupton Primary School  
411 South McKinley, Fort Lupton

Fort Lupton Middle School  
201 South McKinley, Fort Lupton

Fort Lupton High School  
530 Reynolds, Fort Lupton

- B. Each Decontamination Station activated will be supplied with the following items:
1. Showering facilities with soap and running water.
  2. Towels and clothing from Salvation Army.
  3. G. M. survey meter (CDV-700)