

# Region 8 Radiological Assistance Program Team Response Manual



United States  
Department of Energy  
Richland, Washington

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PROGRAM TEAM RESPONSE MANUAL

Approved by: Kathleen A. Beecher  
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Regional Response Coordinator

April 3, 1997  
Date

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**REGION 8 RADIOLOGICAL ASSISTANCE  
PROGRAM TEAM RESPONSE MANUAL**

**CONTENTS**

1.0	PURPOSE . . . . .	1
2.0	APPLICABILITY . . . . .	1
3.0	RESPONSIBILITIES . . . . .	1
3.1	REGIONAL RESPONSE COORDINATOR . . . . .	1
3.2	TEAM LEADER . . . . .	1
3.3	TEAM CAPTAIN . . . . .	2
3.4	LIAISON DIRECTOR . . . . .	2
3.5	PUBLIC INFORMATION OFFICER . . . . .	2
3.6	RESOURCE SUPPORT MANAGER . . . . .	2
3.7	FIELD TEAM LEADER . . . . .	3
4.0	TEAM LEADER . . . . .	5
4.1	PROCEDURE . . . . .	5
4.1.1	Receive the Request . . . . .	5
4.1.2	Evaluate the Request . . . . .	6
4.1.3	Enroute to the Scene Activities . . . . .	7
4.1.4	On-Scene Activities . . . . .	7
4.1.5	Close-out Activities . . . . .	8
5.0	TEAM CAPTAIN . . . . .	15
5.1	PROCEDURE . . . . .	15
5.1.1	Receive and Evaluate the Request . . . . .	15
5.1.2	On-Scene Activities . . . . .	16
5.1.3	Close-out Activities . . . . .	17
5.2	FIVE DAY FINAL REPORT PROCEDURE . . . . .	17
5.3	PROCEDURE FOR ACCESSING ENS (Personal Data Deleted) . . . . .	18
6.0	LIAISON DIRECTOR . . . . .	25
6.1	PROCEDURE . . . . .	25
6.1.1	On Receipt of Notification (Personal Data Deleted) . . . . .	25
6.1.2	On-Scene Activities . . . . .	25
6.1.3	Close-Out Activities . . . . .	26
7.0	PUBLIC INFORMATION OFFICER . . . . .	29
7.1	PROCEDURE . . . . .	29
7.1.1	On Receipt of Notification . . . . .	29
7.1.2	On-Scene Activities . . . . .	29
7.1.3	Close-Out Activities . . . . .	29
8.0	RESOURCE SUPPORT MANAGER . . . . .	33
8.1	PROCEDURE . . . . .	33
8.1.1	On Receipt of Notification . . . . .	33
8.1.2	On-Scene Activities . . . . .	33
8.1.3	Close-out Activities . . . . .	33

## CONTENTS (cont)

9.0	FIELD TEAM LEADER . . . . .	3
9.1	PROCEDURE . . . . .	3
9.1.1	On Receipt of Notification . . . . .	3
9.1.2	On-Scene Activities . . . . .	3
9.1.3	Close-Out Activities . . . . .	3
10.0	BIBLIOGRAPHY . . . . .	4
APPENDICES		
A	RAP TEAM ACTION SHEET . . . . .	A-
B	RAP TEAM ACTIVATION (Personal Data Deleted) . . . . .	B-
C	DEPLOYABLE RESOURCES . . . . .	C-

## LIST OF FORMS

Radiological Assistance Program - Incident Report Form . . . . .	1
Safety Plan Checklist . . . . .	1
Team Leader Checklist . . . . .	1
Radiological Assistance Program - Incident Report Form . . . . .	2
Region 8 RAP Team Position and Deployment List . . . . .	2
Team Captain Checklist . . . . .	2
Liaison Director Checklist . . . . .	2
Public Information Officer Checklist . . . . .	3
Resource Support Manager Checklist . . . . .	3
Field Team Leader Checklist . . . . .	3
RAP Team Action Sheet . . . . .	A-
RAP Team Activation and 24-Hour Notification List . . . . .	B-
RAP Equipment . . . . .	C-
Region 8 Radiological Assistance Program - Deployable Resources . . . . .	C-

## LIST OF TERMS

ALARA	As Low As Reasonably Achievable
DOE	U.S. Department of Energy
ENS	Emergency Notification System
EOC	Emergency Operations Center
HQ EOC	U.S. Department of Energy, Headquarters Emergency Operations Center
LFA	Lead Federal Agency
ONC	Occurrence Notification Center
PIO	Public Information Officer
POC	Patrol Operation Center
RAP	Radiological Assistance Program
RCO	Regional Coordinating Office
RL	U.S. Department of Energy, Richland Operations Office
RRC	Regional Response Coordinator

**REGION 8 RADIOLOGICAL ASSISTANCE  
PROGRAM TEAM RESPONSE MANUAL**

**1.0 PURPOSE**

The purpose of this manual is to provide guidance so that a request for radiological assistance is responded to in an effective and consistent manner. These procedures are specific to the trained and qualified members of the Region 8 Radiological Assistance Program (RAP) team. Procedures provide steps for responding to the request, notification and activation of the team members, position descriptions, and checklists.

**2.0 APPLICABILITY**

The information in this manual includes operational procedures for the RAP team members. It includes forms that team members use to evaluate and document RAP responses, as well as personnel lists, equipment inventory lists, and regulatory documents which team members may need during team responses.

**3.0 RESPONSIBILITIES**

**3.1 REGIONAL RESPONSE COORDINATOR**

Review and approve this manual.

**3.2 TEAM LEADER**

The Team Leader shall be a Department of Energy (DOE) employee with experience and ability to work well with people and to communicate effectively both orally and in writing. The Team Leader deploys with the team. This individual represents the DOE when meeting the requestor or the On-Scene (Incident) Commander and may be acting as the Energy Senior Official (ESO) when the DOE is the Lead Federal Agency. This person is responsible for team safety, on-scene DOE operations, and will be making decisions as to the appropriateness of Team actions. The Team Leader assists in the integration of other agency emergency response activities. The Team Leader prepares and submits the *Five Day Final Report*.

### 3.3 TEAM CAPTAIN

The Team Captain is usually a DOE contractor employee with Health Physics and management experience. The Team Captain shall have the ability to work well with people and to communicate effectively both orally and in writing. The Team Captain deploys with the team. This individual directs the radiological response activities and ensures that radiological and non-radiological hazards have been identified. The Team Captain interprets and evaluates the radiological data, recommends mitigative actions, and communicates pertinent information to the Team Leader. The Team Captain is responsible to determine if and when the team's resources and expertise has been exceeded and shall request additional assistance. This individual provides on-scene direction and oversight to the RAP Team members, assuring that they are properly equipped to safely enter hazardous areas and that radiation and other hazard exposure limits are As Low As Reasonably Achievable (ALARA). The Team Captain collects all radiological data, photographs, notes, records, etc., for compilation into the *Five Day Final Report*.

### 3.4 LIAISON DIRECTOR

The Liaison Director is usually a DOE employee with experience and ability to work well with people and to communicate effectively both orally and in writing. This individual does not deploy with the team, but remains at the Emergency Operations Center (EOC) to maintain a communications link among the deployed team, Hanford Site RL and Contractor management, DP-23 Duty Officer, and the DOE Headquarters EOC.

### 3.5 PUBLIC INFORMATION OFFICER

The Public Information Officer (PIO) should be a DOE employee with expertise in external affairs, public information and media relations. The Public Information Officer deploys with the team. This individual is the primary point of contact or liaison for providing information and/or briefings to the news media and/or public related to DOE radiological assistance activities. The Public Information Officer is instrumental in providing to the RAP Team Leader any public or media concerns the team should be aware of.

### 3.6 RESOURCE SUPPORT MANAGER

The Resource Support Manager is usually a DOE contractor employee with experience in logistical management and experience in working well with people and to communicate effectively both orally and in writing. The Resource Support Manager deploys with the team. This individual ensures the operational readiness of the team's vehicles, equipment, and supplies. This person may coordinate team travel and provides logistical and communications support to the team.

### 3.7 FIELD TEAM LEADER

The Field Team Leader is usually a DOE contractor employee with extensive operational health physics experience. The Field Team Leader must direct the field teams, have the ability to work with people and to effectively communicate both orally and in writing. The Field Team Leader deploys with the team. This individual provides on-scene direction to the field monitoring and sampling team(s) and ensures the team(s) conduct their field operations safely and practice ALARA. The Field Team Leader evaluates the data and determines field team operations. The Field Team Leader forwards collected field team data, photographs, notes, records, etc., to the Team Captain for compilation into the *Five Day Final Report*.

- Field Team members are usually DOE contractor employees. The Field Team members must have the ability to work with people and to effectively communicate both orally and in writing. The Field Team members deploy with the team(s). The Field Team members perform field measurements, document the results, and forward the results to the Field Team Leader.

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## 4.0 TEAM LEADER

### 4.1 PROCEDURE

As the Team Leader who has received a request for radiological assistance, complete the *Radiological Assistance Program - Incident Report Form*, attached to this procedure. This form provides the questions that must be answered so the Team Leader can receive, confirm, and/or verify the request, and respond accordingly. This procedure also addresses the steps to be taken when the RAP team has been notified to activate either automatically (i.e., by the ENS) or manually (individual phone call).

#### 4.1.1 Receive the Request

1. As information is available, continue completion of the *Radiological Assistance Program - Incident Report Form*. Obtain the call-back number of the requestor.
2. Call the requestor and confirm or verify the request for radiological assistance. Ask the requestor if he/she has notified the appropriate authorities. Attempt to obtain a phone number of the Incident Commander and an event scene authority.
3. If the appropriate Federal or State agency has not been notified, complete that notification using the Federal and State agency phone numbers provided in the *RAP Team Activation and 24-Hour Notification List*, Appendix B of this manual.

(NOTE: If the appropriate agency is the DOE, respond according to this procedure and assume the role of LFA On-Scene Senior Official until one arrives.)

4. Provide to that Federal or State agency the information you have obtained and assure them that the RAP will be available to them if they request.
5. If the appropriate Federal or State agency has been notified, provide them with any additional information, and prepare to respond if requested.
6. If the Federal or State agency does not request assistance, take no further action except to complete the *Radiological Assistance Program - Incident Report Form*. Include in the *Radiological Assistance Program - Incident Report Form* any follow-up actions and forward the completed form to the Region 8 Regional Response Coordinator (RRC).

#### 4.1.2 Evaluate the Request

1. If the RAP has been requested, evaluate whether assistance can be provided over the telephone, or if a team deployment is required.

(NOTE: The Team Leader can call the Team Captain to assist as appropriate.)

2. Call the HQ EOC at (202) 586-8100, to notify them of a request for assistance, or delegate to the Team Captain. Provide the following to the HQ EOC.

- Your name
- Position/title
- RAP Region 8
- Situation, type of radiological incident and reason for call.

(NOTE: The HQ EOC shall be notified within 15 minutes after receipt of a request for emergency assistance.

Also, the HQ EOC shall be notified if additional assistance or resources are requested from another Regional Coordinating Office [RCO] or when the incident may be subject to significant attention from the media.)

3. If assistance and/or advice can be provided over the telephone:

- Provide the advice.
- Complete the *Radiological Assistance Program - Incident Report Form*, noting the advice given, and forward the completed *Radiological Assistance Program - Incident Report Form* to the Region 8 RRC within four (4) working days of the response.

No further action is required.

4. If assistance cannot be provided over the telephone and team deployment is required, call the Patrol Operations Center (POC) 24-Hour Duty Officer at (509) 373-3800 and request activation of the RAP team.

(NOTE: If the Team Captain has not been called, do so now.)

- a. Report to the EOC and obtain the Team Leader suitcase and portable cellular phones which are in the EOC, G-42. Ensure that extra batteries are available. Provide the phone number to the Resource Support Manager.
- b. Prepare for a team briefing. This briefing should include:
  - Roll call of responders (extra responders may remain to support the team deployment before returning to work or home).

- Update/status of the event (information from the incident report form).
  - Review of the Safety Plan with the team.
  - Special instructions or considerations related to the response.
  - Ensure the pre-deployment briefing includes aspects of transportation and *Safety Plan Checklist* (attached to this procedure).
- c. Ensure that the requestor or event scene has been recalled for a status update and provide the team's estimated time of arrival.

#### 4.1.3 Enroute to the Scene Activities

Prior to arrival, initiate and maintain communication with requestor or event scene and Liaison Director, to assure team has latest information regarding the event scene.

1. Set up a meeting location with the Incident Commander to receive a briefing upon arrival.
2. Obtain any new information from the Incident Commander and pass the information on to the team members.

#### 4.1.4 On-Scene Activities

1. Arrive at the incident scene and report to the Incident Commander.
2. Obtain current status and any related information important to the RAP team on scene activities. If appropriate, assure the Public Information Officer is present at this briefing.
3. Request that the Team Captain assist you in establishing, with the Incident Commander, radiological monitoring and assessment activities.
4. Maintain and complete the *RAP Team Action Sheet* (Appendix A) for the actions taken.
5. Brief the RAP team, or request that the Team Captain do so, and ensure that all team members are aware of the hazards, expectations, media involvement, etc.
6. Maintain communication with the Liaison Director.
7. Receive a periodic briefing and status of field team activities from the Team Captain.

8. Maintain communications with the Team Captain to ensure the latest radiological data is passed forward and to relay pertinent data to the Incident Commander.
9. Request additional resources as required through the Liaison Director.
10. Determine when the team's response is to be terminated and communicate this to the Incident Commander.

#### 4.1.5 Close-out Activities

1. Debrief with the RAP team and summarize response activities.
2. Debrief with the Incident Commander.
3. Communicate the team status and report the team's estimated arrival time in Richland to the Liaison Director.
4. On arrival at the EOC, debrief with the team. Ensure that a call to the HQ EOC is made to report the team's safe arrival home.
5. Assure that all equipment and supplies that were in this responder's possession are returned to G-42.
6. Receive the draft *Five Day Final Report* from the Team Captain. Review, approve, and submit the *Five Day Final Report* to the RRC, within four (4) working days.

**Radiological Assistance Program - Incident Report Form**

This form will be filled out by the receiver to the call.

TIME OF CALL:\* \_\_\_\_\_ DATE: \_\_\_\_\_  
RECEIVER OF CALL: \_\_\_\_\_  
TITLE: \_\_\_\_\_  
ORGANIZATION: \_\_\_\_\_  
CALLER: \_\_\_\_\_  
TITLE: \_\_\_\_\_  
LOCATION OF CALLER: \_\_\_\_\_  
CONTACT PHONE NUMBER: \_\_\_\_\_

**INFORMATION RECEIVED**

1. TYPE OF INCIDENT REPORTED (select one)  
( ) A. RADIOACTIVE MATERIALS TRANSPORT  
( ) B. NUCLEAR WEAPON ACCIDENT  
( ) C. DOE FACILITY  
( ) D. NUCLEAR REACTOR  
( ) E. OTHER  
\_\_\_\_\_  
\_\_\_\_\_
  
2. INCIDENT DATE: \_\_\_\_\_ INCIDENT TIME: \_\_\_\_\_
  
3. LOCATION OF INCIDENT: \_\_\_\_\_  
\_\_\_\_\_
  
4. BRIEF DETAILS OF INCIDENT (radiation levels, contamination levels, etc):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
5. IS FIRE INVOLVED: \_\_\_\_\_
  
6. OTHER HAZARDOUS MATERIALS: \_\_\_\_\_  
\_\_\_\_\_
  
7. HAS A CORDON BEEN ESTABLISHED AT SCENE: ( ) YES ( ) NO
  
8. KNOWN RADIONUCLIDES: \_\_\_\_\_ Activity (Ci)
  
9. WEATHER CONDITIONS: \_\_\_\_\_  
\_\_\_\_\_

**\*USE 24 HOUR MILITARY TIME**

10. CASUALTIES INVOLVED (include number in brackets):

- |  |                                     |
|--|-------------------------------------|
| <input type="checkbox"/> A. INJURED      | <input type="checkbox"/> D. MISSING |
| <input type="checkbox"/> B. DEATHS       | <input type="checkbox"/> E. NONE    |
| <input type="checkbox"/> C. CONTAMINATED |                                     |

11. RESPONSES CURRENTLY AT THE SCENE (check appropriate):

- A. STATE PATROL
- B. EMERGENCY RESCUE SQUAD
- C. FIRE DEPARTMENT
- D. STATE RADIOLOGICAL FIELD TEAMS
- E. LOCAL/CITY POLICE
- F. AMBULANCE TEAM
- G. OTHER

12. TRIBAL, STATE, LOCAL, OR OTHER FEDERAL AGENCIES NOTIFIED: \_\_\_\_\_  
\_\_\_\_\_

13. NEWS MEDIA REPORTS OF THE INCIDENT: \_\_\_\_\_  
\_\_\_\_\_

**ACTIONS TAKEN BY RECEIVER OF CALL**

TRIBAL, STATE, LOCAL, AND OTHER FEDERAL AGENCIES NOTIFIED AFTER CALL: \_\_\_\_\_  
\_\_\_\_\_

RADIOLOGICAL ASSISTANCE PROGRAM (RAP) TEAM RESPONSE: \_\_\_\_\_  
\_\_\_\_\_

**Safety Plan Checklist**

Event Title: \_\_\_\_\_

Event Date: \_\_\_\_\_

Event Location: \_\_\_\_\_

Leader/Team Captain: \_\_\_\_\_

Signature: \_\_\_\_\_

**Safety Items Discussed:**

Check if discussed

- 1. Communications equipment \_\_\_\_\_
- 2. Transportation Safety \_\_\_\_\_
  - a. Land Travel \_\_\_\_\_
  - b. Air Travel \_\_\_\_\_
  - c. Water Travel \_\_\_\_\_
- 3. Survey and monitoring equipment \_\_\_\_\_
- 4. First Aid Kit available \_\_\_\_\_
- 5. Drinking liquids available \_\_\_\_\_
- 6. Personnel comfort: \_\_\_\_\_
  - Coats \_\_\_\_\_
  - Rain gear \_\_\_\_\_
  - Protective clothing \_\_\_\_\_
- 7. Fire Extinguisher availability \_\_\_\_\_
- 8. Other \_\_\_\_\_

**Specific Items Discussed:**

- 1. Liquid Nitrogen \_\_\_\_\_
- 2. Hypothermia \_\_\_\_\_
- 3. Event Scene Hazard Considerations \_\_\_\_\_
  - a. Hazardous Material \_\_\_\_\_
    - 1) Radioactive \_\_\_\_\_
    - 2) Toxicological \_\_\_\_\_
  - b. Terrain \_\_\_\_\_
  - c. Wind \_\_\_\_\_
  - d. Temperature \_\_\_\_\_
  - e. Precipitation \_\_\_\_\_
  - f. Electrical \_\_\_\_\_
  - g. Mechanical Equipment/Machinery \_\_\_\_\_
  - h. Insects \_\_\_\_\_
  - i. Reptiles \_\_\_\_\_
  - j. Animals \_\_\_\_\_

**NOTES:**

## Team Leader Checklist

- \_\_\_\_\_ 1. Receive the request for offsite radiological assistance.
- \_\_\_\_\_ 2. Record all events and decisions.
- \_\_\_\_\_ 3. Call back the requestor, verify the request, and ensure appropriate response agency is notified.
- \_\_\_\_\_ 4. Confirm the request for radiological assistance with the appropriate Federal or State agency.
- \_\_\_\_\_ 5. Evaluate the request.
- \_\_\_\_\_ 6. Decide whether a phone response or a deployment response is required.
- \_\_\_\_\_ 7. If a phone response is appropriate, stop here, complete the incident report form and forward it to the RRC.
- \_\_\_\_\_ 8. Phone the HQ Emergency Operations Center (HQ EOC) at (202) 586-8100, to notify them of a request for assistance, ensure that the Team Captain performs this task. Provide the following to the HQ EOC.
  - Your name
  - Position and title
  - RAP Region 8
  - Reason for call.

**Note:** The HQ EOC shall be notified within 15 minutes after receipt of a request for emergency assistance.

**Also, the HQ EOC shall be notified if additional assistance or resources are requested from another Regional Coordinating Office or when the incident may be subject to significant attention from the media.**

- \_\_\_\_\_ 9. Report to the EOC (825 Jadwin, G-42) for assembly.
- \_\_\_\_\_ 10. Provide briefing meeting before deployment. Complete the Safety Plan Checklist as safety documentation.

- \_\_\_\_\_ 11. Perform on-scene activities.
  - Meet with Incident Commander, obtain priorities
  - Meet with Team Captain and obtain briefing and status of field team activities and results
  - Maintain open communications between Team Captain and Incident Commander.
- \_\_\_\_\_ 12. Periodically maintain communications with the Liaison Director.
- \_\_\_\_\_ 13. Request additional resources as required.
- \_\_\_\_\_ 14. Debrief with the RAP team and summarize incident activities.
- \_\_\_\_\_ 15. Debrief with the Incident Commander.
- \_\_\_\_\_ 16. Assure that all equipment and supplies that were in this responder's possession are returned to G-42.

## 5.0 TEAM CAPTAIN

### 5.1 PROCEDURE

At the request of the Team Leader, obtain procedure, log book and proceed as directed to meet the Team Leader. This procedure will address the steps to be taken when the RAP team has been notified to activate either automatically (i.e., by the ENS) or manually (individual phone call).

#### 5.1.1 Receive and Evaluate the Request

1. Assist the Team Leader in evaluating and/or obtaining pertinent radiological data. Assist in determining whether to provide advice over the phone or to deploy the RAP team.
2. Review and/or assist in completing the *Radiological Assistance Program - Incident Report Form*, attached to the end of this section.

(NOTE: If the Team Leader requests your assistance to notify a cooperating State or Federal agency, use the *RAP Team Activation and 24-hour Notification List* from Appendix B.

3. If the decision is to provide advice over the phone, no further action is required except to complete the *Radiological Assistance Program - Incident Report Form* and record all conversation items, in the Team Captain's Log Book. Forward the completed *Radiological Assistance Program - Incident Report Form* to the Region 8 RRC.
4. If the decision is made to deploy a RAP team, obtain the Team Captain's suitcase and communications equipment. Include any reference material needed from the reference library located in the RAP Ready room. If directed by the Team Leader, call the HQ EOC at (202) 586-8100, to notify them of a request for assistance. Provide:
  - Your name
  - Position/title
  - RAP Region
  - Situation, type of radiological incident and reason for call.

If not already done so, call the POC Duty Officer (373-3800) and instruct them to initiate the team activation using the Emergency Notification System (ENS).

5. Report to the EOC and assist the Team Leader as requested.
6. Verify the availability to each position: Team Leader, Team Captain, Liaison Director, Resource Support Manager, Field Team Leader, and Public Information Officer.
7. If responders are unavailable, a responder may assist in a manual call out and/or use extra responders appropriately. If you need to

find out team availability use the steps in Section 4.2.3 of this manual to initiate an Emergency Notification System print out.

8. Initiate *Region 8 RAP Team Position and Deployment List*, attached to the end to this procedure. Ensure team is complete.
9. Report the availability of the team members to the Team Leader and obtain a copy for deployment.
10. Attend, participate, and assist in the pre-deployment team briefing.
11. Ensure the Resource Support Manager has prepared the team, vehicles, equipment, and supplies, as applicable.
12. Ensure that logistical considerations are complete (e.g., travel funds, transportation arrangements, hotel reservations, appropriate clothing for changes in weather or night time activities, etc.).
13. Ensure the Field Team Leader and Resource Support Manager have completed their pre-deployment assignments.

#### 5.1.2 On-Scene Activities

1. Maintain a chronological record of events and decisions using *RAP Team Action Sheet*, Appendix A.
2. Ensure that the Field Team Leader has initiated preliminary monitoring of hazards near scene.
3. Arrive at the incident scene and, with the Team Leader, report to the Incident Commander.
4. Obtain any available radiological data from the initial responders and any other potential hazard information.
5. Identify the RAP team's radiological monitoring and assessment capability to the Incident Commander.
6. Determine if a radiological release has occurred.
  - a. Assess the extent of the radiological incident including, a perimeter survey and air sampling, as applicable.
  - b. Assess any health hazard to the public and environment.
7. Assist the Team Leader and Incident Commander in establishing radiological monitoring priorities and response team strategies.
8. Brief the Field Team Leader of all known radiological data, any change in incident condition, personnel involvement, or event status. Establish monitoring and survey priorities.

9. Obtain field team data from the Field Team Leader, assess the data and periodically forward it to the Team Leader and Incident Commander.
10. Periodically provide recommendations to the Team Leader and Incident Commander relative to radiological impacts to the public and the environment.
11. Assist the Team Leader in securing additional resources and/or personnel through the Liaison Director.

### 5.1.3 Close-out Activities

1. Debrief with Field Team Leader to obtain summary of field team activities for use in debriefing the Incident Commander.
2. Debrief with the Team Leader and Incident Commander.
3. Ensure that all field team samples, and radiological waste are collected, appropriately bagged and/or packaged. Walk down the incident scene to ensure DOE, Richland Operations Office (RL) property has been retrieved and/or accounted for. Ensure transportation issues have been addressed.
4. Debrief with the RAP team as necessary. Request that all radiation survey reports, team event and decision records, photographs, diagrams, and other pertinent data be completed within two (2) working days of returning home, and forwarded to the Team Captain.
5. Assure that all equipment and supplies that were in this responder's possession are returned to G-42.
6. Compile and review the documentation described above, and forward to the Team Leader within three (3) working days of returning home.
7. Assist the Team Leader by initiating preparation of the *Five Day Final Report*.

### 5.2 FIVE DAY FINAL REPORT PROCEDURE

1. Compile all information concerning the activation. This includes as a minimum the *RAP Team Action Sheet(s)* from all team members, the *Radiological Assistance Program - Incident Report Form*, the *Region 8 RAP Team Position and Deployment List*, the *Radiation Survey Report(s)*, any photographs, maps, drawings, and press releases. The Team Captain is to draft the transmittal letter to DP-20 from the RCO with the *Five Day Final Report* attached.

2. The *Five Day Final Report* should include, at a minimum, the completed *Radiological Assistance Program - Incident Report Form*, *RAP Team Response Chronology Summary*, radiation survey report(s), pictures, news articles, and laboratory reports.

### 5.3 PROCEDURE FOR ACCESSING ENS

PERSONAL DATA DELETED

**Radiological Assistance Program - Incident Report Form**

This form will be filled out by the receiver to the call.

TIME OF CALL:\*\* \_\_\_\_\_ DATE: \_\_\_\_\_  
 RECEIVER OF CALL: \_\_\_\_\_  
 TITLE: \_\_\_\_\_  
 ORGANIZATION: \_\_\_\_\_  
 CALLER: \_\_\_\_\_  
 TITLE: \_\_\_\_\_  
 LOCATION OF CALLER: \_\_\_\_\_  
 CONTACT PHONE NUMBER: \_\_\_\_\_

**INFORMATION RECEIVED**

1. TYPE OF INCIDENT REPORTED (select one)
  - ( ) A. RADIOACTIVE MATERIALS TRANSPORT
  - ( ) B. NUCLEAR WEAPON ACCIDENT
  - ( ) C. DOE FACILITY
  - ( ) D. NUCLEAR REACTOR
  - ( ) E. OTHER

\_\_\_\_\_

\_\_\_\_\_
2. INCIDENT DATE: \_\_\_\_\_ INCIDENT TIME: \_\_\_\_\_
3. LOCATION OF INCIDENT: \_\_\_\_\_  
 \_\_\_\_\_
4. BRIEF DETAILS OF INCIDENT (radiation levels, contamination levels, etc):  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
5. IS FIRE INVOLVED: \_\_\_\_\_
6. OTHER HAZARDOUS MATERIALS: \_\_\_\_\_  
 \_\_\_\_\_
7. HAS A CORDON BEEN ESTABLISHED AT SCENE: ( ) YES ( ) NO
8. KNOWN RADIONUCLIDES: \_\_\_\_\_  
 \_\_\_\_\_ Activity (Ci)
9. WEATHER CONDITIONS: \_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
**\*\*USE 24 HOUR MILITARY TIME**

10. CASUALTIES INVOLVED (include number in brackets):

- |  |                                     |
|--|-------------------------------------|
| <input type="checkbox"/> A. INJURED      | <input type="checkbox"/> D. MISSING |
| <input type="checkbox"/> B. DEATHS       | <input type="checkbox"/> E. NONE    |
| <input type="checkbox"/> C. CONTAMINATED |                                     |

11. RESPONSES CURRENTLY AT THE SCENE (check appropriate):

- A. STATE PATROL
- B. EMERGENCY RESCUE SQUAD
- C. FIRE DEPARTMENT
- D. STATE RADIOLOGICAL FIELD TEAMS
- E. LOCAL/CITY POLICE
- F. AMBULANCE TEAM
- G. OTHER

12. TRIBAL, STATE, LOCAL, OR OTHER FEDERAL AGENCIES NOTIFIED: \_\_\_\_\_

\_\_\_\_\_

13. NEWS MEDIA REPORTS OF THE INCIDENT: \_\_\_\_\_

\_\_\_\_\_

**ACTIONS TAKEN BY RECEIVER OF CALL**

TRIBAL, STATE, LOCAL, AND OTHER FEDERAL AGENCIES NOTIFIED AFTER CALL: \_\_\_\_\_

\_\_\_\_\_

RADIOLOGICAL ASSISTANCE PROGRAM (RAP) TEAM RESPONSE: \_\_\_\_\_

\_\_\_\_\_

Region 8 RAP Team Position and Deployment List

RL Team Leader(s):

- \_\_\_\_\_ Kathy Beecher
- \_\_\_\_\_ John Hall
- \_\_\_\_\_ Doug Hildebrand
- \_\_\_\_\_ Diane Clark
- \_\_\_\_\_ Steve Veitenheimer
- \_\_\_\_\_ Dana Ward

PERSONAL DATA DELETED

Team Captain(s):

- \_\_\_\_\_ Debbie Webb
- \_\_\_\_\_ Ralph Broz
- \_\_\_\_\_ Steve Gunnink

Liaison Director(s):

- \_\_\_\_\_ John Hall
- \_\_\_\_\_ Kathy Beecher
- \_\_\_\_\_ Charlie Kasch

Resource Support Manager(s):

- \_\_\_\_\_ Gary Davis
- \_\_\_\_\_ Gayla Lovejoy
- \_\_\_\_\_ Mike Burnside
- \_\_\_\_\_ Gary Carpenter

Public Affairs Officer(s):

- \_\_\_\_\_ Guy Schein
- \_\_\_\_\_ Mike Fergus

Field Team Leader(s):

- \_\_\_\_\_ Rick Schieffer
- \_\_\_\_\_ Dave Phipps
- \_\_\_\_\_ Dave Ellingson
- \_\_\_\_\_ Gary Davis

Field Team(s):

- \_\_\_\_\_ Dave Ellingson
- \_\_\_\_\_ Dave Phipps
- \_\_\_\_\_ Rick Bumgarner
- \_\_\_\_\_ Larry Corgatelli
- \_\_\_\_\_ Todd Ponczoch
- \_\_\_\_\_ Tim Hidalgo
- \_\_\_\_\_ Janette Swindoll
- \_\_\_\_\_ Teresa Culverwell
- \_\_\_\_\_ Carl Meinecke

**NOTES:**

**Team Captain Checklist**Pre-Deployment Actions

- \_\_\_ 1. If team deployment is required, get the Team Captain's suitcase, cellular phone and if the Team Leader has not activated the RAP Team, notify the POC Duty Officer (373-3800) to activate the ENS.
- \_\_\_ 2. Report to the EOC (825 Jadwin, G-42) for assembly.
- \_\_\_ 3. Verify ENS RAP team activation availability list, and report status to the Team Leader.
- \_\_\_ 4. Make manual phone calls as necessary to fill team positions.
- \_\_\_ 5. Attend, participate, and assist in pre-deployment briefing.
- \_\_\_ 6. Ensure the Resource Support Manager has prepared the team, vehicles, equipment, and supplies for deployment.
- \_\_\_ 7. Ensure logistical arrangements are complete before departure.

On Scene Activities

- \_\_\_ 8. Record all actions, requests, decisions, and follow-up actions.
- \_\_\_ 9. Ensure Field Team Leader has initiated preliminary, near scene radiological surveys.
- \_\_\_ 10. Report to Incident Commander with Team Leader.
- \_\_\_ 11. Obtain available radiological data.
- \_\_\_ 12. Identify RAP team capabilities to Incident Commander.
- \_\_\_ 13. Determine if a radiological release has occurred.
- \_\_\_ 14. Assist in establishing radiological monitoring priorities and team strategies.
- \_\_\_ 15. Brief field team of priorities.
- \_\_\_ 16. Assess field team data, provide recommendation to Team Leader.

Close-out Activities

- \_\_\_ 17. Debrief with Field Team Leader and obtain a summary of field team actions.
- \_\_\_ 18. Debrief with Team Leader and Incident Commander.
- \_\_\_ 19. Assure that all equipment and supplies that were in this responder's possession are returned to G-42.
- \_\_\_ 20. Request that documentation be forwarded to the Team Captain within two (2) working days of returning home.
- \_\_\_ 21. Compile and review chronological documentation; forward to the Team Leader within three (3) days of returning home.

## 6.0 LIAISON DIRECTOR

### 6.1 PROCEDURE

This procedure will address the steps to be taken when the RAP team has been notified to activate either automatically (i.e., by the ENS) or manually (individual phone call).

#### 6.1.1 On Receipt of Notification

1. Report to the EOC (825 Jadwin, G-42) for team assembly.
2. Attend and participate in the pre-deployment briefing.
3. Assist the Team Leader and/or Team Captain with any onsite or offsite notifications. When calling a Federal or State agency, use the *RAP Team Activation and 24-hour Notification List*, Appendix B.
4. Before the team is deployed, assure receipt of pertinent information i.e., copy of *Region 8 RAP Team Position and Deployment List*, logistical information, route of travel, and any other pertinent information from the Resource Support Manager.
5. Provide the phone number where you will be stationed to the Team Leader and Resource Support Manager. To assist in establishing and maintaining communications, the following list is normally used.

Patrol Operation Center (POC)	(509) 373-3800
Occurrence Notification Center	
Command Van (Cellular)	
EML	PERSONAL DATA DELETED
RAP Suburban (Cellular)	
RAP Portable (Cellular)	
HQ EOC	

#### 6.1.2 On-Scene Activities

1. As reasonable, remain available in the EOC. If it is necessary to leave, ensure that the Team Leader, Resource Support Manager, and HQ EOC are aware of the estimated duration and a phone number where the responder can be reached.
2. Establish communication with the RAP Team.
3. Ensure that the RAP Team is informed of pertinent information received from other sources.
4. Make notifications to the HQ EOC as requested by the Team Leader. The HQ EOC phone number is

5. Notify RL Senior Management that RAP Team has been deployed. Obtain current Duty Officer phone number from POC or ONC.
6. Provide information, as requested, to appropriate RL and other contractor management. If assistance is needed, call the Emergency Duty Officer (EDO). The POC (373-3800) can reach the EDO.
7. Assist in obtaining additional resources required by the team. If the team is on a Transportation Security Division response, communications will be through Albuquerque Emergency Operations Center.
8. If additional RAP team members are requested to activate, use the *RAP Team Activation and 24-hour Notification List*, Appendix B.
9. Record all actions, requests, and follow-up actions on the *RAP Team Action Sheet*, Appendix A.

### 6.1.3 Close-Out Activities

1. When on-scene activities are complete, obtain the team's estimated time of arrival back to the EOC.
2. Ensure that all parties initially notified are informed of the team's completed activities.
3. Assure that all equipment and supplies that were in this responder's possession are returned to G-42.
4. Attend the team debrief. Forward all documentation to the Team Captain within two (2) working days.

**Liaison Director Checklist**

- \_\_\_\_\_ 1. Receive the notification call.
- \_\_\_\_\_ 2. Report to the EOC (825 Jadwin, G-42) for assembly.
- \_\_\_\_\_ 3. Attend and participate in the pre-deployment briefing.
- \_\_\_\_\_ 4. Assist, as requested, with any notifications.
- \_\_\_\_\_ 5. Record all actions, requests, decisions, and follow-up actions.
- \_\_\_\_\_ 6. Receive from the Resource Support Manager all pertinent information regarding the team before the team is deployed.
- \_\_\_\_\_ 7. Establish and maintain communication with the Team Leader.
- \_\_\_\_\_ 8. Secure additional resources, as requested.
- \_\_\_\_\_ 9. Notify all parties initially notified of the team's completed activities.
- \_\_\_\_\_ 10. Assure that all equipment and supplies that were in this responder's possession are returned to G-42.
- \_\_\_\_\_ 11. Compile and review chronological documentation; forward documentation to the Team Captain within two (2) working days.

**NOTES:**

## 7.0 PUBLIC INFORMATION OFFICER

### 7.1 PROCEDURE

This procedure will address the steps to be taken when the RAP team has been notified to activate either automatically (i.e., by the ENS) or manually (individual phone call).

#### 7.1.1 On Receipt of Notification

1. Report to the EOC (825 Jadwin, G-42) for assembly.
2. Attend and participate in the pre-deployment briefing.
3. Obtain the Public Information Officer kit and any other personally preferred items.
4. Record events and decisions.
5. Obtain information from the Team Leader or Team Captain regarding media or press involvement.

#### 7.1.2 On-Scene Activities

1. Attend the initial event briefing with the Team Leader, Team Captain, and Incident Commander if applicable.
2. Keep the Team Leader informed of any media or press related issues pertinent to the RAP team.
3. Obtain Team Leader approval of press releases or other information that is to be made public.
4. Conduct media briefings away from the RAP team as much as possible.
5. Report to the Joint Information Center, if one exists.
6. Obtain all reports and news releases from other sources.
7. Document media and press interfaces.

#### 7.1.3 Close-Out Activities

1. Compile and collect any available media photographs, news releases related to the response, and reports from the scene, and chronological documentation. Include articles obtained from other sources, if applicable.

2. Attend the team debrief. Forward all documentation to the Team Captain within two (2) working days of returning home.
3. Assure that all equipment and supplies that were in this responder's possession are returned to G-42.

**Public Information Officer Checklist**

- \_\_\_\_\_ 1. Receive the notification call.
- \_\_\_\_\_ 2. Report to the EOC (825 Jadwin, G-42).
- \_\_\_\_\_ 3. Attend pre-deployment briefing.
- \_\_\_\_\_ 4. Obtain Public Information Officer kit.
- \_\_\_\_\_ 5. Record events and decisions.
- \_\_\_\_\_ 6. Provide media and press communications while at the incident scene.
- \_\_\_\_\_ 7. Assure that all equipment and supplies that were in this responder's possession are returned to G-42.
- \_\_\_\_\_ 8. Compile all chronological documentation, press releases, and photographs; forward them to the Team Captain within two (2) working days.

**NOTES:**

## 8.0 RESOURCE SUPPORT MANAGER

### 8.1 PROCEDURE

This procedure will address the steps to be taken when the RAP team has been notified to activate either automatically (i.e., by the ENS) or manually (individual phone call).

#### 8.1.1 On Receipt of Notification

1. Report to the EOC (825 Jadwin, G-42) for assembly.
2. Make travel and logistical arrangements as applicable.
3. Attend and participate in the pre-deployment team briefing.
4. Coordinate and prepare response vehicles for deployment.
5. Before the team is deployed, assure a copy of *Region 8 RAP Team Position and Deployment List*, logistical information, route of travel, and any other pertinent information is provided to the Liaison Director.
6. Coordinate and document in the log, distribution of deployed equipment. Make a copy of the log and leave in the RAP Ready Room.
7. Coordinate communication link between Liaison Director and team.
8. Verify communications between deployed vehicles.
9. Ensure that the Liaison Director is aware of team destination and mode of travel.

#### 8.1.2 On-Scene Activities

1. Arrive at the incident scene and set up the Command Van, if applicable.
2. Assist, as requested, the Team Leader and Team Captain in securing open communications with the Liaison Director.
3. Complete the chronological record of events affecting this position and related requests.

#### 8.1.3 Close-out Activities

1. Assist the field team in collecting and assembling used equipment and supplies in preparation for returning home.

2. Disassemble communication, mechanical, and/or electrical supplies and resources.
3. Ensure that all DOE-owned material, equipment, and supplies are packed and prepared for travel.
4. Attend and participate in a team debrief.
5. Assure that all equipment and supplies are returned to G-42 and are ready for the next deployment.
6. Request that all team members provide a list of supplies and equipment that require replacement and/or maintenance.
7. Complete and forward RAP chronological record to the RAP Team Captain within two (2) working days of returning home.

## Resource Support Manager Checklist

### Pre-Deployment Actions

- \_\_\_\_\_ 1. Report to the EOC (825 Jadwin, G-42).
- \_\_\_\_\_ 2. Make travel and logistical arrangements as applicable.
- \_\_\_\_\_ 3. Attend and participate in the pre-deployment team briefing.
- \_\_\_\_\_ 4. Complete the chronological record of events affecting this position and related requests.
- \_\_\_\_\_ 5. Coordinates and prepares response vehicles for deployment.
- \_\_\_\_\_ 6. Before the team is deployed, assure a copy of *Region 8 RAP Team Position and Deployment List*, logistical information, route of travel, and any other pertinent information is provided to the Liaison Director.
- \_\_\_\_\_ 7. Coordinate and log distribution of deployed equipment. Make a copy of the log and leave in the RAP Ready Room. Verify communications between deployed vehicles.
- \_\_\_\_\_ 8. Coordinate communication link between Liaison Director and team.
- \_\_\_\_\_ 9. Verify communications between deployed vehicles.

### On-Scene Actions

- \_\_\_\_\_ 1. Set up Command Van, portable weather station, and communications systems operation, if applicable.
- \_\_\_\_\_ 2. Assist as required by the Team Leader and Team Captain in securing communications with Liaison Director.
- \_\_\_\_\_ 4. Assist the Team Captain in securing additional resources and/or personnel if required.
- \_\_\_\_\_ 5. Compile all chronological documentation and forward them to the Team Captain within two (2) working days.

### Phone Numbers

Patrol Operation Center (POC)  
 Occurrence Notification Center  
 Command Van (Cellular)  
 EML  
 RAP Suburban (Cellular)  
 RAP Portable (Cellular)  
 HQ EOC

(509) 373-3800

PERSONAL DATA DELETED

**NOTES:**

## 9.0 FIELD TEAM LEADER

### 9.1 PROCEDURE

This procedure addresses the steps to be taken when the RAP team has been notified to activate either automatically (i.e., by the ENS) or manually (individual phone call).

#### 9.1.1 On Receipt of Notification

1. Notify and assemble the field team(s). If the activation is during the off-shift, assembly will take place at the EOC.
2. Report to the EOC (825 Jadwin, G-42).
3. Attend and participate in the pre-deployment team briefing.
4. Prepare field team for deployment. Attempt to call field team members who have not responded to the EOC. Field team members should attempt to call if they cannot respond to the center.
5. Assure the field team members are assembling applicable instrumentation kits and all other health physics related supplies.
6. Personnel protective equipment is issued in accordance with established Radiation Worker and any other hazardous condition requirements. This would include clothing, respiratory equipment, dosimetry, and any other kits.
7. Assign personnel dosimetry to RAP team members using the *Region 8 RAP Team Position and Deployment List*. The Team Captain has already initiated this list for team accountability status.
8. Once the *Region 8 RAP Team Position and Deployment List* is complete, make a copy of the list. Give a copy to the Liaison Director and the original to the Team Captain.

#### 9.1.2 On-Scene Activities

1. Obtain from the Team Captain all known radiological, other hazardous material data, any change in incident condition, personnel involvement, or event status.
2. Complete a chronological record of events and decisions.
3. Provide direction to the field teams.
4. Consult with the Team Captain on radiological survey priorities and assessments.

5. Provide assessed radiological and other hazardous material data to the Team Captain.
6. Maintain communications with the Team Captain.

### 9.1.3 Close-Out Activities

1. Debrief with the field team(s).
2. Debrief with the Team Captain.
3. Assure all field team material and equipment is prepared for departure.
4. Review, approve, and collect all documentation produced by the field team.
5. Assure that all equipment and supplies are returned to G-42 and are ready for the next deployment.
6. Debrief with the RAP team. Request that Radiation Survey Reports, and other record sheets are completed within two (2) working days from returning home and forwarded to the Team Captain.

**Field Team Leader Checklist**

- \_\_\_\_\_ 1. Receive the notification call.
- \_\_\_\_\_ 2. Notify and assemble the field team(s).
- \_\_\_\_\_ 3. Report to the EOC (825 Jadwin, G-42) for assembly.
- \_\_\_\_\_ 4. Attend and participate in the pre-deployment team briefing.
- \_\_\_\_\_ 5. Review safety and health issues and/or concerns with the team.
- \_\_\_\_\_ 6. Understand and acknowledge all known hazards and weather conditions.
- \_\_\_\_\_ 7. Assign personnel dosimetry to all responding RAP team members.
- \_\_\_\_\_ 8. Prepare the field team for departure. Attempt to call field team members who have not responded to the EOC. Field team members should attempt to call if they cannot respond to the center.
- \_\_\_\_\_ 9. Secure required health physics and radiation protection instrumentation, dosimetry, and related equipment and supplies. Assure operability and calibration of instrumentation.
- \_\_\_\_\_ 10. Begin hazardous material measurements before arriving on scene to establish background and or changing conditions.
- \_\_\_\_\_ 11. Upon arrival at the scene, obtain from the Team Captain all known radiological data, changes in incident conditions, personnel involvement, or overall event status.
- \_\_\_\_\_ 12. Provide direction to the field team(s).
  - \_\_\_\_\_ a. Ensure that a perimeter survey is accomplished.
  - \_\_\_\_\_ b. Ensure that air sampling if needed is accomplished.
  - \_\_\_\_\_ c. Ensure that staging area and event scene personnel are in safe condition.
  - \_\_\_\_\_ d. Ensure that priorities for field teams is communicated to team members.
- \_\_\_\_\_ 13. Assist the Team Captain with radiological assessments and review and verify all field team data.
- \_\_\_\_\_ 14. Close-out on-scene field team activities.
- \_\_\_\_\_ 15. Debrief with field team(s); collect all radiation survey reports, RAP Team Action Sheets, logs etc. Assure that field team members document any lessons learned from RAP response.

- \_\_\_\_\_ 16. Upon arrival at the EOC, debrief with the RAP team. Ensure that field team members provide a list of used equipment and supplies in need of replacement, and forward to the Resource Support Manager.
- \_\_\_\_\_ 17. Ensure hours of work, expenses and other contractual obligations are appropriately documented.
- \_\_\_\_\_ 18. Assure that all equipment and supplies that were in this responder's possession are returned to G-42.
- \_\_\_\_\_ 19. Compile and review documentation, including chronology; forward to the Team Captain within two (2) working days of returning home.
- \_\_\_\_\_ 20. Schedule and attend a Lessons Learned meeting for RAP Team responders.

## 10.0 BIBLIOGRAPHY

Public Law 83-703, *Atomic Energy Act of 1954*, as amended.

DOE O 151.1, 1995, *Comprehensive Emergency Management System*, U.S. Department of Energy, Washington, D.C.

DOE Order 5530.3, 1992, *Radiological Assistance Program*, U.S. Department of Energy, Washington, D.C.

FEMA, 1996, "Federal Radiological Emergency Response Plan," 61 FR 20944, *Federal Register*, Vol. 61, p. 20 (May).

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**NOTES:**

**APPENDIX B RAP Team Activation and 24-Hour Notification List**

**REGION 8  
RADIOLOGICAL ASSISTANCE PROGRAM**

Region 8 Regional Response Coordinator:

Kathy Beecher

PERSONAL DATA DELETED

Region 8 Radiological Assistance Program, Coordinator:

Debbie Webb

RL Team Leaders (call in order):

Kathy Beecher  
Doug Hildebrand  
Diane Clark  
John Hall  
Dana Ward  
Steve Veitenheimer

Team Captains:

Debbie Webb

Ralph Broz  
Steve Gunnink

Liaison Director:

John Hall  
Kathy Beecher  
Charlie Kasch

Resource Support Manager:

Gary Davis  
Gayla Lovejoy  
Mike Burnside  
Gary Carpenter

\* NOTE: The RL pagers starting with 800 or SKYPAGERS starting with 888 cannot be activated with a computer, you must use the telephone.

Public Affairs Officer:

Guy Schein  
Mike Fergus

\* NOTE: The RL pagers starting with 800 or SKYPAGERS starting with 888 cannot be activated with a computer, you must use the telephone.

NOTE: Hanford pagers can be called using the HLAN Pager icon onsite, calling or when offsite.

Field Team Leader:

Rick Schieffer  
Dave Phipps  
Dave Ellingson  
Gary Davis

Field Team members: Radiological Control Technicians (RCTs) are not on the ENS and therefore need to be manually called by the Field Team Leader when ENS is activated. The Field Team Leader is responsible and will most likely call RCTs prior to reporting to the ONC.

On-shift, RCTs can be reached by calling:  
Off-shift, RCTs home phone numbers and pagers:

Dave Ellingson  
Dave Phipps  
Rick Bumgarner  
Larry Corgatelli  
Todd Ponczoch  
Tim Hidalgo  
Janette Swindoll  
Terry Culverwell  
Carl Meinecke

Environmental Mobil Laboratory

Jennifer Tanner  
Dan Haggard  
Bill Endres  
Pete Eschbach  
Steve Miller  
Lowell Nichols  
Dan Sisk  
Kelvin Soldat  
Paul Tomeraasen

Other pertinent information:

POC  
ONC (for non-emergency) (5 AM - 7 PM)  
DYN EDO and request the ONC call the EDO for you

RAP Cellulars:

4x4 Command Suburban  
Equipment Suburban  
EML Truck  
Command Van  
Portables  
Mobil Bag Phones  
Portables

Keys to the Suburban, Command Van, Dual-Wheel Truck, and the Emergency Mobile Laboratory are in the RAP Ready Room (G42), in the brown key case in the desk organizer.

24-hour Emergency Notification Phone Numbers:

DOE HQ Emergency Operation Center Duty Officer:

Regional Coordinating Offices:

Brookhaven  
Oak Ridge  
Savannah River  
Albuquerque  
Chicago  
Idaho  
Oakland  
Richland

Additional DOE Emergency Response Assets:

Accident Response Group (ARG):  
Aerial Measuring System (AMS):  
Atmospheric Release Advisory Capability (ARAC):  
Federal Radiological Monitoring & Assessment Center (FRMAC):  
Nuclear Emergency Search Team (NEST):  
Radiation Emergency Assistance Center/Training Site(REAC/TS):

Federal and States 24-Hour Emergency Notification Phone Numbers

U.S. Department of Transportation      Bennie Walthall  
Regional Emergency Transportation Rep.  
Region X  
915 2nd Ave. Rm. 3590  
Seattle, WA 98174-1067

U.S. Department of Interior              Pamela A. Bergman  
Office of Environmental Affairs  
1689 C Street, Room 119  
Anchorage, AK 99501-5126

U.S. Department of Interior              Preston Sleeper  
Office of Environmental Review  
500 NE Multnomah St., Suite 600  
Portland, OR 97232

U.S. Environmental Protection Agency      Jerrold Leitch  
Region X  
Seattle, WA 98101

Federal Emergency Management Agency      Larry E. Moore  
Region X  
130 228th St. SW  
Bothell, WA 98021-9796

U.S. Nuclear Regulatory Commission      Ann Mattila  
Region IV  
Harris Tower & Pavilion  
611 Ryan Plaza Drive, Suite 400  
Arlington, Texas 76011-8064

Washington State Department of Health Duty Officer:      (NUCLEAR)  
Oregon Emergency Response System (OERS):  
Alaska Division of Emergency Services:

RAP Equipment

RESOURCE ITEM	CAPABILITY AND SUPPORT NEEDS	*INITIAL QUANTITY	ACTIVATION INFO		
			HRS	ROAD	Air
Air Sampler, Gas/Particulate	High volume, Staplex Model TF1A, 0-70 CFM, requires 110/115 Volt, AC	2	1-2	x	x
	High volume, Staplex Model TF1A, 0-70 CFM, requires 24 Volt, DC	3	1-2	x	x
	Medium volume, HI-Q Model CF-18V 0-2 CFM, requires 24 Volt, DC	3	1-2	x	x
Air Sampler Impactor Collector	Annular kinetic impactor for Staplex, Models TF1A &	?	1-2	x	x
Analytical Lab, Mobile	Spectrometry for various environmental samples	1	2-4	x	N/A
	- Also has Harshaw 3500 for TLD readout				
Anti-C Clothing	Various - Cloth, disposable paper, boots, gloves, etc.	12	1-2	x	x
	Full sets - Cloth	9	1-2	x	x
Bags, Plastic	Miscellaneous assortment	-	1-2	x	x
Batteries, Cellular	Extra Battery	5	2-4	x	x
Banner, Tape	"Caution" 1000 ft	1	1-2	x	x
Blankets	Wool	7	1-2	x	x
Binoculars	10 Power X 50 mm	1	1-2	x	x
	7 Power X 25 mm	2	1-2	x	x
Calculators	Various hand held types	4	1-2	x	x
Camera	35 mm, Polaroid	2	1-2	x	x
Cellular Phones	Portable	5	2-4	x	x
Chairs, Folding	Camping type	2	1-2	x	x
Command Van	Stocked to serve as a command post at accident site	1	1-2	x	N/A
Communications	See radios, telephones, etc.	-	---	---	---
Computer, Laptop	Windows, remote cc:Mail capability, WP, Hanford phone directory	1	1-2	x	x
Cone, Orange	Road safety type	35	1-2	x	x
Dictaphone	Mini-talk tape recorder	3	1-2	x	x
Dosimeter, Charger	For self-reading pencils	4	1-2	x	x
Dosimeter, Pocket	Gamma, self-reading, 0-200mr range	15	1-2	x	x
	Gamma, self-reading, 0-500mr range	20	1-2	x	x
Dosimeter, Personnel Badge	TLD - for beta/gamma/neutron	30	1-2	x	x
Fax Machine	Communication with other agencies	2	1-2	x	x

\* Denotes quantity initially available - additional may be available.

**NOTES:**

Region 8 Radiological Assistance Program - Deployable Resources

RESOURCE ITEM	CAPABILITY AND SUPPORT NEEDS	*INITIAL QUANTITY	ACTIVATION INFO		
			HRS	ROAD	Air
First Aid Kit	Located in Command Van, Suburban, EML & G-42 of Federal Building	5	1-2	x	x
Flares, Safety	Highway Emergency type	3	1-2	x	x
Flashlights	Various types	12	1-2	x	x
Generators, Portable	Winco, 750 Watts continuous, 900 surge	2	1-2	x	x
	Onan, 800 Watts continuous, 1000 surge	1	1-2	x	x
Glasses, Safety	Clear & tinted safety glasses	12	1-2	x	x
Gloves, Various	Leather, Anti-C, Surgeons	-	1-2	x	x
Global Position System	Magellan - Navigator Pro 5000	7	1-2	x	x
Hard Hats	Plastic	7	1-2	x	x
Instruments, Radiological	CP - beta/gamma dose rate meter,	4	1-2	x	x
	GM - beta/gamma count rate meter, with P-11 probe	7	1-2	x	x
	PAM - alpha count rate meter, with scintillation probe	3	1-2	x	x
	Fidler - Low energy radiation detector, with MCA	2	1-2	x	x
	Micro/R - thin window gamma ...	3	1-2	x	x
	Gamma-Spectrometer	1	1-2	x	x
Jackets	Winter Carharts with hoods	8	1-2	x	x
Lantern	Propane - double mantel, Camping type	2	1-2	x	x
Maps, Topo	Alaska, Idaho, Oregon, Washington - Atlas & Gazetteer	2	1-2	x	x
Mobile Command Post	See Command Van	-	-	-	-
Potassium Iodide Tablets	Located in Field Team Go-Kits	-	-	-	-
Radio, Mobile	GE, Model Phoenix SX, located in Suburban, Command Van	2	1-2	x	N/A
	GE, Model HN-54, 46Mhz located, in Suburban, Command Van				
	Johnson, , Model ??, located in Suburban, Command Van				
Radio, Portable	King, line-of-site - transmit and receive on 171.200 MHz	10	1-2	x	x
	Motorola, low band frequency, 46.00 & 46.58 MHz	3	1-2	x	x
Team Position Kit	Includes office supplies, procedure	5	1-2	x	x
Ribbon	Various colors for marking locations	-	1-2	x	x

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Region 8 Radiological Assistance Program - Deployable Resources (continued)

RESOURCE ITEM	CAPABILITY AND SUPPORT NEEDS	*INITIAL QUANTITY	ACTIVATION INFO		
			HRS	ROAD	Air
Remote Handling Tools	Tongs, 12 inches long	4	1-2	x	x
Rope, Radiation	Nylon, Yellow and Magenta	1000 <sup>1</sup>	1-2	x	x
Shower	H <sub>2</sub> O Sun Shower Enclosure, Camping type	2	1-2	x	x
Table	Fold-out-table, four person, Camping type	1	1-2	x	x
Tape	Various types - duct, masking, radiation	-	1-2	x	x
Tarp	108 Sq. ft. (4 yd x 3 yd)	3	1-2	x	x
Telephones	Portable, Cellular	2	1-2	x	x
	Mobile, located in Suburban and Command Van	2	1-2	x	x
	INMARSAT, International Maritime Satellite Telecommunications	2	1-2	x	x
Tents	Camping, 4 man capacity	1	1-2	x	x
Toilet	Port-a-potie, Camping type	1	1-2	x	x
Tools, Hand	Various assortment	-	1-2	x	x
Video, Camcorder	Still video system, with View-Cam-Teleport, Sharp Model VL-H4100	2	1-2	x	x
Vests	Safety Orange Vests	50	1-2	x	x
Vehicles	Suburban 4x4, Command Van, Dual Wheeled Truck	3	1-2	x	N/A
Walking Sticks	For performing ground surveys	10	1-2	x	x
Water, Coolers	Various sizes	6	1-2	x	x
Weather Station	Portable, located in Command Van	1	1-2	x	x
Wind Speed Indicator	Portable, Hand held	2	1-2	x	x

<sup>1</sup> Denotes quantity initially available - additional may be available.