

WOLF CREEK

NUCLEAR OPERATING CORPORATION

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JAN 13 2003

RA 03-0004

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Subject: Docket No. 50-482: Changes to Wolf Creek Generating Station (WCGS) Radiological Emergency Response Plan Implementing Procedures

Gentlemen:

In accordance with 10 CFR 50, Appendix E, enclosed are revisions to Wolf Creek Generating Station (WCGS) Radiological Emergency Response Plan implementing procedures. The following is a list of the specific enclosures.

PROCEDURES

Effective December 18, 2002

EPP 06-011, Revision 3 (Corrected copy released January 9, 2003)

EPP 06-015, Revision 5

If you have any questions concerning this submittal, please contact me at (620) 364-4038 or Ms. Jennifer Yunk at (620) 364-4272.

Very truly yours,



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A 045



EPP 06-011

EMERGENCY TEAM FORMATION AND CONTROL

Responsible Manager

Superintendent Emergency Planning

Revision Number	3
Use Category	Reference
Administrative Controls Procedure	No
Infrequently Performed Procedure	No
Program Number	06

DC2 12/18/02

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1.0 PURPOSE

CAUTION

This procedure contains instructions for the Joint Radiological Monitoring Teams (JRMT). These teams are composed of members from Wolf Creek Generating Station, the State of Kansas (KDHE) and Coffey County. Any change to this procedure must be approved by all entities.

- 1.1 This procedure provides guidance to form and dispatch teams required for repair and damage control, search and rescue, and assessing off-site radiological conditions in the event of emergency conditions at WCGS.

2.0 SCOPE

- 2.1 This procedure is implemented upon recognizing the need for formation of teams required for repair and damage control, search and rescue, or assessing off-site radiological conditions.

3.0 REFERENCES AND COMMITMENTS

3.1 Wolf Creek References

- 3.1.1 AP 27-009, MEDICAL RESPONSE
- 3.1.2 Code of Federal Regulations, 10CFR20
- 3.1.3 EPP 06-013, EXPOSURE CONTROL AND PERSONNEL PROTECTION
- 3.1.4 EPP 06-009, DRILL AND EXERCISE REQUIREMENTS
- 3.1.5 AI 13G-007, BLOODBORNE PATHOGEN POLICY
- 3.1.6 AP 06-002, RADIOLOGICAL EMERGENCY RESPONSE PLAN (RERP)
- 3.1.7 RPP 02-305, PERSONNEL SURVEYS / DECONTAMINATION

3.2 Wolf Creek Commitments

- 3.2.1 RCMS 93-077, IR 9119-04, Poor Coordination and Control of Monitoring Teams
- 3.2.2 ITIP 90045 (SOER 83-02, Recommendation R11)
- 3.2.3 RCMS 85-407, IR 8540-03, Dispatch Minimum of Four Off-site Monitoring Teams.
- 3.2.4 RCMS 00-036, Capability To Monitor Radioactive Iodines Released To The Environment Has Been Established.

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4.0 DEFINITIONS

4.1 Dosimeter

4.1.1 A device worn by an individual to measure the whole body gamma radiation. These devices are direct reading and are available in several ranges.

1. Low Range - dosimeters which have a maximum reading of up to 2000 milliroentgen.
2. Mid Range - dosimeters which have a maximum reading of up to 20 roentgen.
3. High Range - dosimeters which have a maximum reading greater than 20 roentgen.

4.2 Emergency Response Facility

4.2.1 Technical Support Center and Emergency Operations Facility, where instructions to teams may originate.

4.3 Joint Radiological Monitoring Teams (JRMT)

4.3.1 Teams designated to perform assessment of the off-site consequences of a radiological release. JRMTs are comprised of at least two people in any combination from Wolf Creek, Kansas Department of Health and Environment, or Coffey County.

4.3.2 Activities requiring specific authorization, such as exposure extensions, are provided by EOF management.

4.4 Plant Team

4.4.1 Teams normally consisting of at least two personnel which are dispatched from the TSC to perform designated duties.

4.5 Plume Edges

4.5.1 The plume edges are defined as those downwind locations which have a dose rate of 1mR/hr.

4.6 Pre-Designated Monitoring Points (PMP)

4.6.1 General off-site monitoring locations used for consistency in off-site monitoring as a point of reference.

4.7 Onsite

4.7.1 For purposes of this procedure onsite is that area within and adjacent to the Protected Area Boundary.

4.8 Off-site

4.8.1 The area outside the Protected Area Boundary.

4.9 Records

4.9.1 Documents such as calculation worksheets, computer printouts, forms, logs, memos, checklists, or any paper used to record data or information during an emergency, drill or exercise which may be used for event reconstruction.

4.10 Search and Rescue

4.10.1 The efforts to locate unaccounted personnel, extracting those individuals to a safe area, or providing first aid or calling for medical assistance, as necessary.

4.11 Team Communicator

4.11.1 Designated person in an emergency facility who maintains communications with Emergency Response Teams. The Team Communicator for the plant teams is the TSC Communicator and for the JRMTs is the EOF Team Communicator.

4.12 Wind Shift

4.12.1 A wind shift has occurred if the wind direction has changed by greater than 22.5 degrees.

5.0 RESPONSIBILITIES

5.1 Teams

5.1.1 To Maintain exposures As Low As Reasonably Achievable (ALARA).

5.1.2 Ensure that the required operability checks have been performed on equipment which they use.

5.1.3 Obtain appropriate respiratory equipment and dosimetry.

5.1.4 Obtain samples as directed.

5.1.5 Attend a briefing regarding the emergency conditions and monitoring objectives.

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NOTE

Radios are not to be used near the posted areas within the plant. Gaitronics or telephones are to be used in these areas.

5.2 Team Director and KDHE JRMT Coordinator

5.2.1 Work together to advise team members of radiological conditions that may impact emergency response activities.

5.2.2 Ensure adequate samples are obtained for dose assessment.

5.3 Radiological Coordinator

5.3.1 Coordinate with the State Radiological Assessment Manager to provide direction and protective actions for JRMTs.

5.4 State Radiological Assessment Manager

5.4.1 Coordinate with the EOF Radiological Coordinator to provide direction and protective actions for JRMTs.

6.0 PRECAUTIONS/LIMITATIONS

6.1 Each Plant Team should be composed of at least two Wolf Creek individuals.

6.1.1 HP Technicians may be dispatched to complete teams that originate from the Control Room.

6.1.2 IF there has been a radiological release, THEN at least one individual should be qualified as a Health Physics (HP) Technician.

6.1.3 The Radiological Coordinator may approve dispatch of teams without HP Technicians.

6.1.4 The TSC Radiological Coordinator may dispatch a single HP Technician to the Control Room or to locations outside the Power Block to perform surveys.

6.1.5 The Radiological Coordinator may authorize individuals to be dispatched.

6.2 A dose rate or count rate monitoring instrument shall be on at all times to detect unexpected or excessive exposure from the plume.

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- 6.3 When entering areas of unknown radiological hazards, appropriate protective measures for team members will be provided from the Emergency Facility responsible for the team.
- 6.4 As time permits, Radiation Work Permits should be completed for plant radiological emergency response activities.
- 6.5 Team personnel should use protective equipment to minimize skin contamination and internal exposure.
- 6.6 Wolf Creek team personnel shall not exceed 10CFR20 exposure limits without approval. State and County Team personnel shall not exceed the exposure limits designated in the Kansas Protective Action Guides without approval of the State Radiological Assessment Manager.
- 6.7 WHEN team members approach gamma radiation fields, THEN team members should perform the following:
- o 1000 mR/hr, contact the Team Director.
 - o 5000 mR/hr, immediately exit the radiation field and contact the Team Director.
- 6.8 WHEN accumulated dose on a pocket ion chamber reaches 500 mR or 1000 mR, THEN team members should perform the following:
- o 500 mR, contact the Team Director.
 - o 1000 mR, immediately exit the plume and contact the Team Director.
- 6.9 Prior to the deployment of teams, ensure team members are briefed on emergency conditions and team objectives.
- o IF a team is dispatched for multiple successive assignments, THEN consideration should be given for the necessity of subsequent briefings.
- 6.10 Plant personnel assigned for search and rescue follow AP 27-009, MEDICAL RESPONSE, and AI 13G-007, BLOODBORNE PATHOGEN POLICY, upon locating unaccounted for personnel who are injured.
- 6.11 IF medical assistance is anticipated, THEN request a Physician's Assistant (PA) or Emergency Medical Technician (EMT) to accompany the Search and Rescue Team.
- 6.12 All individuals performing radiological survey activities shall exercise ALARA concepts at all times.
- 6.12.1 Onsite teams exercise ALARA concepts in accordance with EPP 06-013, EXPOSURE CONTROL AND PERSONNEL PROTECTION. [Commitment Step 3.2.1]

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6.13 A minimum of four JRMTs shall be organized as soon as practicable, whenever a radiological release is imminent or in progress. [Commitment Step 3.2.3]

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7.0 PROCEDURE

7.1 Dispatch Of County JRMT Members

- 7.1.1 County JRMT members will receive notification of an emergency from the County Radiological Officer at the Alert, Site Area Emergency, or General Emergency classification. As directed, JRMT members report to the Radiological Officer at the County Emergency Operations Center.
- 7.1.2 Obtain appropriate dosimetry and protective clothing. (Dosimetry for County JRMT members will probably be issued at the County Emergency Operations Center.) Respiratory protection devices are obtained from the emergency cabinets at the Wolf Creek Emergency Operations Facility.
- 7.1.3 Receive briefing from the Radiological Officer concerning current emergency conditions and dispatch instructions for meeting Wolf Creek and State personnel to form JRMTs. (Teams may meet at the Emergency Operations Facility or at other designated locations.)
- 7.1.4 Obtain a County vehicle equipped with a County radio. Vehicle is to be monitored for contamination and, if necessary, decontaminated before returning to the County EOC.

7.2 Dispatch of State JRMT members

- 7.2.1 Upon notification of a Site Area Emergency, General Emergency, or an Alert (if directed), proceed directly to the Bureau of Air and Radiation offices and begin preparations for deployment to the Wolf Creek Generating Station Emergency Operations Facility to carry out JRMT responsibilities as assigned.
- 7.2.2 As directed by the State Radiological Assessment Manager, prepare JRMT kit and associated equipment and instrumentation for transport to the Wolf Creek Emergency Operations Facility for use by JRMTs.

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NOTE

If the seal on the kit container latch is broken, an inventory must be performed to insure that none of the kit's contents are missing.

- 7.2.3 IF a JRMT kit is being transported with the KDHE team members, THEN an inventory (if necessary) and an operability check of all equipment should be performed before leaving the Bureau of Air and Radiation offices, and the air sampler should be assembled and bagged ready for use. The kit should be closed for transport to the Wolf Creek Emergency Operations Facility for use by JRMTs. However, if a survey instrument is needed to detect a possible airborne radioactive plume during the trip to the Wolf Creek Emergency Operations Facility, it is acceptable for the team members to use an instrument from the kit for this purpose.
- 7.2.4 Perform operational checks on the radios and cellular telephones.
- 7.2.5 Each individual deploying to the Wolf Creek Emergency Operations Facility for JRMT assignment shall wear their assigned permanent record dosimeter and two direct reading dosimeters.
- 7.2.6 Unless specific instructions are provided in advance, when dispatched from the Bureau of Air and Radiation offices, JRMT members will proceed to the State Forward Staging Area. At the Forward Staging Area, they should stop and use the radios or other available communications to contact the State Radiological Assessment Manager and obtain an update on meteorological conditions and instructions as to where to proceed for forming JRMTs. Other available communications may include the State cellular telephones, Kansas Air National Guard, Kansas Department of Transportation, Kansas Highway Patrol communications.

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NOTE

JRMT members shall not traverse a radioactive plume in order to reach the Wolf Creek Emergency Operations Facility unless authorization and specific instructions for doing so are obtained from the State Radiological Assessment Manager.

- 7.2.7 Unless instructed to do otherwise, proceed from the State Forward Staging Area to the Wolf Creek Emergency Operations Facility, sign in on the staffing status board, and check in with the Team Director and the KDHE JRMT Coordinator for further instruction and assignment.

7.3 Team Preparation for Dispatch

- 7.3.1 Ensure an individual is assigned as Team Leader.

NOTE

If the State and County Joint Radiological Monitoring Team members join the Team in the field, ensure that they also receive a briefing.

- 7.3.2 Ensure Teams are briefed per EPF 06-011-02, FIELD TEAM BRIEF.
- 7.3.3 Ensure Plant Teams are issued an identifier number and JRMTs are issued an identifier color.
- 7.3.4 Ensure all required tools, instruments and equipment required for team objectives are obtained.
- 7.3.5 Teams check and don all required protective equipment.

NOTE

Kit content inventory is not required if the seal is intact.

- 7.3.6 Teams select an Emergency Kit and perform an inventory check against the inventory list provided in the kit.

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NOTES

- o If inoperable instruments are discovered, backup instrumentation and batteries are available in the Emergency Cabinets.
- o Air samplers must be tested prior to JRMT vehicles leaving the EOF
- o Assemble and seal air sample head prior to JRMT vehicles entering the plume.

7.3.7 Teams perform the required operability checks on the equipment contained within the Emergency Kit.

7.3.8 IF repairs in the field are required, THEN review EPF 06-011-01, PLANT TEAM BRIEF, as needed to complete the repair task.

CAUTION

Radios are not to be used near the posted areas within the plant. Gaitronics or telephones are to be used in these areas.

NOTE

Teams use the plant radio system as the primary means of communication. IF there is a loss of radio communication, THEN contact the Team Communicator via the Gaitronics or by telephone.

7.3.9 Teams check communications equipment for operability.

- o Establish and maintain radio communications with the applicable Team Communicator.
- o Relay team membership and identification to the Team Communicator.
- o IF available, THEN Check the cellular phone for operability

7.3.10 Obtain a hand held radio.

7.3.11 JRMTs obtain protective equipment and dosimetry devices from Emergency Cabinets

- o Record the initial readings of dosimetry for each team member on EPF 06-013-01, EMERGENCY EXPOSURE TRACKING LOG.

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7.3.12 JRMTs may obtain the keys for a radiological emergency response vehicle from the key box located outside the EOF kit room.

7.3.13 JRMTs ensure that the vehicle is:

- o fueled
- o properly equipped
- o IF equipped with an AC inverter THEN ensure that it is operable

7.3.14 WHEN applicable parts of EPF 06-011-01, PLANT TEAM BRIEF, or EPF 06-011-02, FIELD TEAM BRIEF, are completed, THEN confirm departure with the Team Director.

7.4 Plant Teams Dispatch

7.4.1 As directed, proceed to assigned locations.

7.4.2 Periodically observe dose rate monitoring instrumentation while en-route to assigned locations.

7.4.3 Upon arrival at the designated location notify the Team Communicator.

7.4.4 Inform the Team Communicator of work in progress and status of equipment and radiological conditions.

7.4.5 Inform the Team Communicator of the name, location, and condition of missing individuals found.

a. Medical assistance should be administered by Wolf Creek personnel in accordance with AP 27-009, MEDICAL RESPONSE and AI 13G-007, BLOODBORNE PATHOGEN POLICY.

b. Escort/assist in the removal of individuals as directed.

7.4.6 Report completion of assigned task(s) or expiration of stay time and request further instructions.

7.4.7 Upon return to the TSC, the Team Leader completes EPF 06-011-05, TEAM DEBRIEF, and assures completion of EPF 06-013-01, EMERGENCY EXPOSURE TRACKING LOG.

7.5 Joint Radiological Monitoring Team Director

7.5.1 Ensure the coordination and integration of County and State personnel into the JRMTs.

NOTE

KDHE staff utilize State issued dosimetry.

7.5.2 Ensure Team members are assigned, at a minimum, the following dosimetry:

- o Low range PIC
- o Mid-range PIC
- o A thermoluminescent dosimeter (TLD)

7.5.3 Complete EPF 06-013-01, EMERGENCY EXPOSURE TRACKING LOG

7.5.4 Assign the Team a vehicle.

7.5.5 Establish off-site locations to be monitored, routes to be used by the JRMTs, and any requirements for the use of protective equipment.

7.5.6 Direct the teams to identify the radioactive plume boundaries and other pertinent characteristics of the plume.

- o Refer to Guidelines For Field Team Control in Attachment A.

7.5.7 Review incoming field data, EPF 06-011-03, AIRBORNE RADIOACTIVITY CALCULATIONS, and verify calculations.

7.5.8 Ensure the Dose Assessment Coordinator and KDHE dose assessment staff receive the field data.

7.5.9 Advise the Radiological Coordinator and State Radiological Assessment Manager regarding the radiological conditions encountered and the field team monitoring data collected by the JRMTs.

7.5.10 Direct the updating of status boards through the EOF Team Communicator.

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- 7.5.11 Ensure Wolf Creek team members do not exceed 10 CFR 20 exposure limits, and that the State and County team members do not exceed exposure limits designated in the Kansas Protective Action Guides.

NOTE

If the emergency DID NOT involve a release of radioactive materials, implementation of the following steps is NOT required.

- 7.5.12 The Radiological Coordinator and the State Radiological Assessment Manager will consider the need to issue potassium iodide (KI) in accordance with EPP 06-013, EXPOSURE CONTROL AND PERSONNEL PROTECTION, and the Kansas Protective Action Guides.
- 7.5.13 Ensure that incoming samples to the EOF are logged in accordance with EPP 06-011-06, SAMPLE CONTROL & CHAIN OF CUSTODY.

NOTE

Survey Teams should move to a low background area during periods when radiological monitoring activities are not being conducted or when data is recorded.

- 7.5.14 JRMTs maintain an estimate of the time spent in the plume.

NOTES

- o Contact with the plume is indicated by beta measurements. Conversely, the absence of beta radiation indicates exposure to "sky shine radiation," gamma radiation from plume overhead.
- o To improve the flow through ventilation of the vehicle and to increase mixing with outside air it is recommended that a window be partially or fully opened, however it is not required.

- 7.5.15 Inform the Team Communicator of arrival at the sampling location.

NOTE

It may be necessary to collect field samples and then move to a low background area in order to estimate sample activities in the field, after informing the Team Communicator.

- 7.5.16 Perform data collection and sampling in accordance with ATTACHMENT B, ENVIRONMENTAL SAMPLE TECHNIQUES
- 7.5.17 Record sampling locations, times, measurements, and sample data on EPF 06-011-03, AIRBORNE RADIOACTIVITY CALCULATIONS.
- 7.5.18 Place all field samples in separate labeled sample containers with the following applicable information:
- o date and time
 - o location
 - o individual/field team
 - o type and description of sample
 - o air monitor sample time (start & stop)
 - o air monitor sample flow
 - o radiation reading at contact

NOTE

Teams shall move to an area away from direct plume exposure during periods when radiological monitoring activities are not being conducted.

- 7.5.19 IF sampling was performed, THEN inform the applicable Team Communicator that sampling is completed and request further instructions.

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NOTES

- o At a minimum survey the grill area, windshield, wheel wells, rear glass area, air filter, seats, floor boards, and interior door handles.
- o Consideration will be given to continued use of contaminated vehicles in contaminated areas unless contamination levels pose a radiological risk to team members.

7.5.20 Perform a survey of the emergency vehicle in a low background area as directed by the Team Director.

1. Inform the Team Director of vehicle contamination of greater than or equal to 100 cpm above background.
2. If it is determined that the vehicle should be decontaminated, the Team Communicator will notify the Coffey County Radiological Officer and make arrangements for decontamination at the Coffey County Shop, located at 1510 South 6th, Burlington, Kansas, or other decontamination facility as directed.
3. Notify the Team Director when the vehicle decontamination has been completed.

7.5.21 Upon completion of all off-site radiological monitoring activities, the following are performed:

1. Submit all samples and corresponding data sheets.
2. Samples that have activity greater than 2 mR/hr at one meter should be placed in a shielded or restricted area to reduce personnel exposures and radiation fields in the EOF garage.
3. Complete EPP 06-011-06, SAMPLE CONTROL & CHAIN OF CUSTODY, for off-site samples.
 - o The original copy of the log should remain with the samples throughout the transfer process
 - o A copy of completed inventory logs should be routed to the Team Director
4. Enter final dosimetry readings for each team member on EPF 06-013-01, EMERGENCY EXPOSURE TRACKING LOG.

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8.0 RECORDS

8.1 Records generated by this procedure during an actual emergency are considered lifetime QA records and shall be forwarded to Emergency Planning at the termination of the emergency.

8.2 Records generated by this procedure during a drill or exercise are considered non-QA records and shall be forwarded to Emergency Planning at the termination of the drill or exercise.

9.0 FORMS

9.1 EPF 06-011-01, PLANT TEAM BRIEF

9.2 EPF 06-011-02, FIELD TEAM BRIEF

9.3 EPF 06-011-03, AIRBORNE RADIOACTIVITY CALCULATIONS

9.4 EPF 06-011-06, SAMPLE CONTROL & CHAIN OF CUSTODY

9.5 EPF 06-011-05, TEAM DEBRIEF

- END -

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ATTACHMENT A
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GUIDELINES FOR JRMT CONTROL

CAUTION

Teams should not enter any portion of the plume where the gamma dose rates exceed 5000 mR/hr.

NOTES

- o Timely collection of initial centerline data is of utmost importance.
 - o Remember natural barriers such as John Redmond Reservoir and the Neosho River south of Burlington will prevent traversal of a plume in those locations.
- A.1 Determine initial monitoring locations, and routes to those locations, based on projected plume location and ALARA considerations.
- A.2 JRMTs should be deployed as soon as possible with appropriate equipment, supplies, and protective equipment.
- A.2.1 At all times, each vehicle shall contain at least a dose rate meter, a radio, and a person trained in their use.
 - A.2.2 Two JRMTs should be sent out consisting of at least one Wolf Creek HP and one County technician on each team.
 - A.2.3 The remaining two HP and County technicians will assist in the activation of the EOF.
 - A.2.4 WHEN State Joint Radiological Monitoring Team members arrive, THEN these technicians will be added to the teams.
 - a. The State vehicle is dispatched to the field as a Joint Radiological Monitoring Team vehicle.

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ATTACHMENT A
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GUIDELINES FOR JRMT CONTROL

NOTE

Shuttle vehicles used to get additional team members to the field should have a radio and a radiological meter.

- b. IF teams are already in the field when the State arrives, THEN the State vehicle may be used to deliver the remaining Joint Radiological Monitoring Team members to any vehicles in the field.
- A.3 Assemble all equipment and prepare to take all samples and readings prior to entering the plume.
- A.4 The Federal dose limit of 5 REM, is in effect for all team members and exposures greater than 5 REM must be pre-approved.
- A.5 Prior to plume entry determine types of samples (e.g. direct reading, air, water) to be taken by JRMTs.
- A.6 Direct teams to verify plume centerline and plume boundaries.

NOTE

Approximately 3 centerline samples should be obtained during an approximate 6 hour release, for a given wind direction. However, for a dose assessment, one centerline value may be sufficient.

- A.6.1 Centerline sample(s) are obtained only if team personnel would not exceed their dose limits. IF team personnel would exceed their dose limits, THEN that activity should not be performed at that location until it is safe to do so.
- A.6.2 IF the team has identified the centerline, THEN have them note distance from centerline to edge of plume.
- A.6.3 IF a downwind subzone has been evacuated, THEN the primary objective is to monitor the plume edges to ensure the affected area does not increase in size. After that is done a more detailed analysis of the plume can be undertaken.
- A.7 Direct teams to low background areas for sample counting or when not performing monitoring functions. One team may be used solely as a counting station.

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ATTACHMENT A
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GUIDELINES FOR JRMT CONTROL

- A.8 Keep teams informed of plant status and meteorological conditions which may affect the teams.
- A.9 As data is received from JRMTs, Wolf Creek and State Radiological personnel should coordinate to determine locations for additional monitoring/sampling.
- A.10 Prior to dispatch, shift relief personnel shall receive a briefing, be properly equipped and dressed, then directed to an appropriate low dose location to relieve personnel going off shift.

- END -

ATTACHMENT B
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ENVIRONMENTAL SAMPLING TECHNIQUES

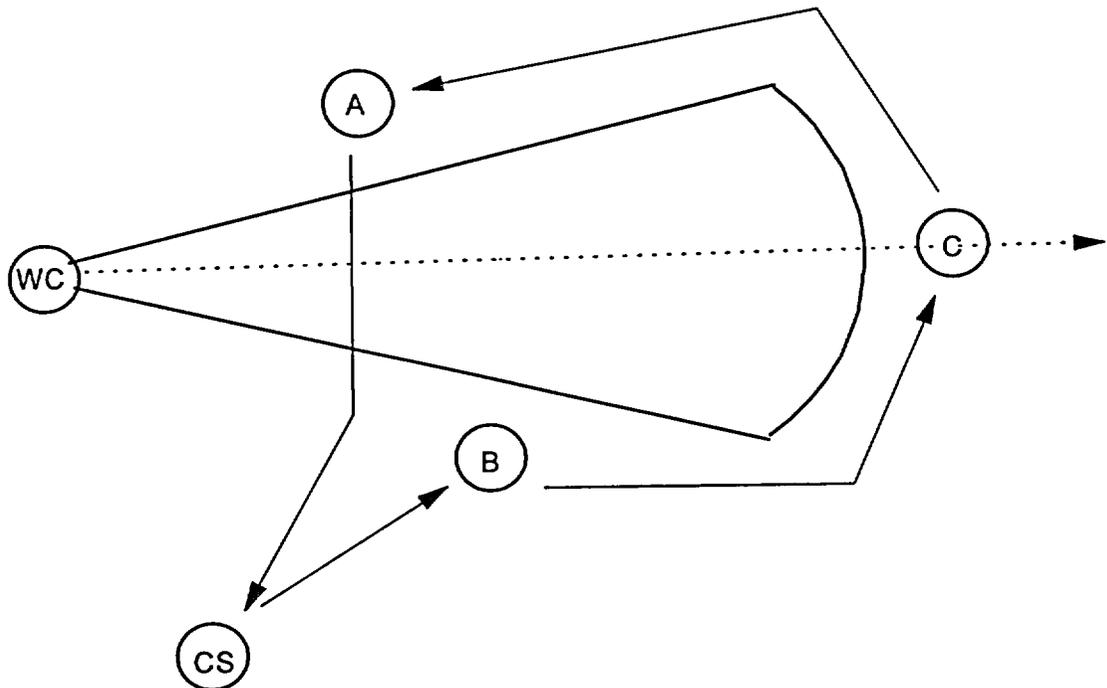
NOTE

Each sample obtained should have an EPF 06-011-06, SAMPLE CONTROL AND CHAIN OF CUSTODY, filled out with the pertinent information and attached to it. If GPS units are available, latitude and longitude readings should be taken at each sample site.

B.1 Plume Monitoring

B.1.1 JRMTs should be self-directed in the "bumping" of the plume edge. That is, the teams should be on the move checking for the plume edge and its progression downwind.

B.1.2 The following rotation pattern is recommended for field team plume monitoring:



1. Team A monitors the far plume edge until directed to traverse the plume. They then deliver centerline samples to the Counting Station. Team A then replaces Team B.
2. Team B monitors the near plume boundary until Team A delivers centerline samples to the counting station. Team B then rotates to the plume front edge to replace Team C.

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ENVIRONMENTAL SAMPLING TECHNIQUES

3. Team C monitors the plume front edge until Team A delivers centerline samples to the counting station. Team C then rotates to the plume far edge to replace Team A.
4. The Counting Station maintains a "Clean" sample counting environment for the analysis of the centerline samples.

B.1.3 Team control with less than four teams should proceed as follows:

1. Two teams may be positioned just off the anticipated centerline at different distances from the plant. Once the near-plant team gets a reading, the teams should cross the centerline, determining centerline information, then take up plume edge determination positions.
2. When a third team becomes available, they should be used to monitor the leading edge of the plume.
3. Once a fourth team is available the rotation described in step B.1.2 should be used.

B.2 Exposure Rate Measurement

B.2.1 Observe count/exposure rate instrumentation, when directed to conduct plume traverse/tracking as follows:

1. Hold the detector of the monitoring instrumentation inside the vehicle and above the lap.
 - o Measure the exposure rate with the beta shield open for a beta/gamma reading.
 - o Measure the exposure rate with the beta shield closed for a gamma reading.

B.2.2 If using an RO-2, or an equivalent meter, QUANTIFY the beta dose rate by subtracting the gamma reading from the beta/gamma reading and multiplying this result by a beta correction of four.

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ATTACHMENT B
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ENVIRONMENTAL SAMPLING TECHNIQUES

NOTE

Because of its greater sensitivity as a detector of beta/gamma radiation relative to a dose rate instrument, the count rate instrument will provide the first indication of radiation from a plume.

B.2.3 Upon observing a count rate or exposure rate above normal background, notify the applicable Team Communicator of your location.

B.2.4 Conduct further plume traverse/tracking only as directed. IF directed to begin traverse/tracking the plume, THEN identify and transmit the location of the maximum readings noted and plume boundaries.

B.3 Air Sample Collection

B.3.1 Assemble a particulate filter (coarse side out) and a silver zeolite cartridge (flow arrow pointed at sampler) in the sampling head and install the head on the sampler.

NOTES

- o The vehicle must remain running while sampling is performed within the plume.
- o Air sampling equipment should be assembled, bagged, and ready for use prior to entering the plume.
- o If the vehicle does not have an installed DC connector, the air sampler may be connected directly to the vehicle battery using the clips provided in the Wolf Creek E-Plan kit.

B.3.2 Place the sampler so that a representative sample may be collected. Plug the sampler into the vehicle power supply outlet and start the sampler, noting the actual flow rate and starting time.

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ATTACHMENT B
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ENVIRONMENTAL SAMPLING TECHNIQUES

NOTE

Shorter sample times may be utilized to minimize exposure from excessive dose rates.

- a. Air sample flow rate should be set at 2.0 cfm for 10 minutes. Flow rates above 2.0 cfm reduce absorption of gases in the cartridge.
- b. Allow the sampler to run for the requested time (normally a 20 ft³ sample is obtained). Note the final flow rate, stop the sampler, and record stop time on EPF 06-011-03, AIRBORNE RADIOACTIVITY CALCULATIONS.
- c. After exiting the plume, remove the particulate filter and silver zeolite cartridge from the sampler head, bag and label, and if requested determine their gross activities.

B.4 Determination of Gross Particulate Activity

- B.4.1 Measure a background count rate using a count rate instrument with an HP-210 probe, or equivalent.
- B.4.2 Place the filter in a planchette in the sample holder, inlet side facing up.
- B.4.3 Measure the particulate filter count rate by placing an HP-210 probe or equivalent in the sample holder.
- B.4.4 Bag and label the particulate filter and discard the used planchette in a plastic bag.
- B.4.5 Calculate gross particulate activity in accordance with EPF 06-011-03, AIRBORNE RADIOACTIVITY CALCULATIONS.

B.5 Determination of Gross Iodine Activity [Commitment Step 3.2.4]

- B.5.1 Determine a background count rate using a count rate instrument with an HP-210 probe, or equivalent.

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ATTACHMENT B
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ENVIRONMENTAL SAMPLING TECHNIQUES

NOTE

Samples collected onsite should be purged within the confines of a ventilation hood prior to counting.

- B.5.2 Before measurement, aspirate the cartridge by drawing non-plume air through the cartridge for 3-seconds.
- B.5.3 Bag and label the silver zeolite cartridge.
- B.5.4 Measure the silver zeolite cartridge count rate by placing an HP-210 probe, or equivalent directly at contact to the outlet side of the cartridge.
- B.5.5 Calculate gross iodine activity in accordance with EPF 06-011-03, AIRBORNE RADIOACTIVITY CALCULATIONS.

B.6 Direct Scan Ground Deposition Survey

NOTE

Ground measurements should be made in an undisturbed, open area away from vehicles, buildings, roads, evacuated areas, or piled gravel or soil. Care should be exercised to prevent puncture of the mylar window or contamination of the probe.

- B.6.1 Determine the background count rate using a count rate instrument with an HP-210 probe or equivalent approximately three feet above ground level, outside of the effected area.
- B.6.2 Obtain a gamma reading using the ionization chamber (closed window) at approximately one meter above ground level, at the sample location.
- B.6.3 Determine a gross count rate approximately two inches above ground level.
- B.6.4 Determine the net count rate (ncpm) by subtracting the background count rate (Bkgd cpm) from the gross count rate (Gross cpm).
- B.6.5 Record results on the sample label. IF sample was not collected at this location, THEN record gamma results in the log.

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ATTACHMENT B
(Page 6 of 8)
ENVIRONMENTAL SAMPLING TECHNIQUES

B.7 Smear Ground Deposition Survey

NOTE

The area to be swiped should be a flat, smooth surface (e.g., a car hood other than that of the team vehicle), using care not to shake off the collected material.

- B.7.1 Wearing gloves, swipe a 100cm² area using a smear pad.
- B.7.2 Measure the background count rate using a count rate instrument with an HP-210 probe or equivalent.
- B.7.3 Place the smear in a planchette in the sample holder.
- B.7.4 Measure the gross count rate by placing an HP-210 probe or equivalent in the sample holder.
- B.7.5 Bag and label the smear pad.
- B.7.6 Determine the net smearable contamination (sample cpm) by subtracting the background count rate from the gross count rate.
- B.7.7 Calculate the smearable contamination in uCi/m² as follows:

$$\text{uCi/m}^2 = \frac{(\text{ncpm})}{2.2 \times 10^3}$$

where:

$$\text{NCPM} = (\text{Gross CPM}) - (\text{Bkgd. CPM})$$

Counter efficiency assumed = 10%

2.2x10³ includes detector efficiency, area correction and dpm conversion

- B.7.8 Record the results in terms of uCi/m² on the sample label.

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ATTACHMENT B
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ENVIRONMENTAL SAMPLING TECHNIQUES

B.8 Soil Sample Collection

NOTE

Soil samples should be obtained in areas free of any vegetation.

B.8.1 Wearing gloves, remove approximately the top ¼ inch of soil from a 200 cm² area (approximately 5" x 6").

B.8.2 Bag and label the soil sample. Record the net ground count rate on the sample label as described for Direct Scan Ground Deposition Survey.

B.9 Vegetation Sample Collection

B.9.1 Wearing gloves, cut vegetation growth down to approximately 1 inch from ground level in a 1 m² area.

B.9.2 Bag and label the vegetation sample.

B.10 Snow Sample Collection [Commitment Step 3.2.2]

NOTE

Snow samples should be collected in areas free from vegetation, buildings, etc. Avoid collecting vegetation, debris, or soil with the snow.

B.10.1 Wearing gloves, collect the top layer of snow, not to exceed three inches, in a 1 m² area.

B.10.2 Bag and label the snow sample in a double plastic bag.

B.10.3 Transfer all of the snow sample to a labeled sample bottle(s) once it has melted.

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ENVIRONMENTAL SAMPLING TECHNIQUES

B.11 Liquid Sample Collection

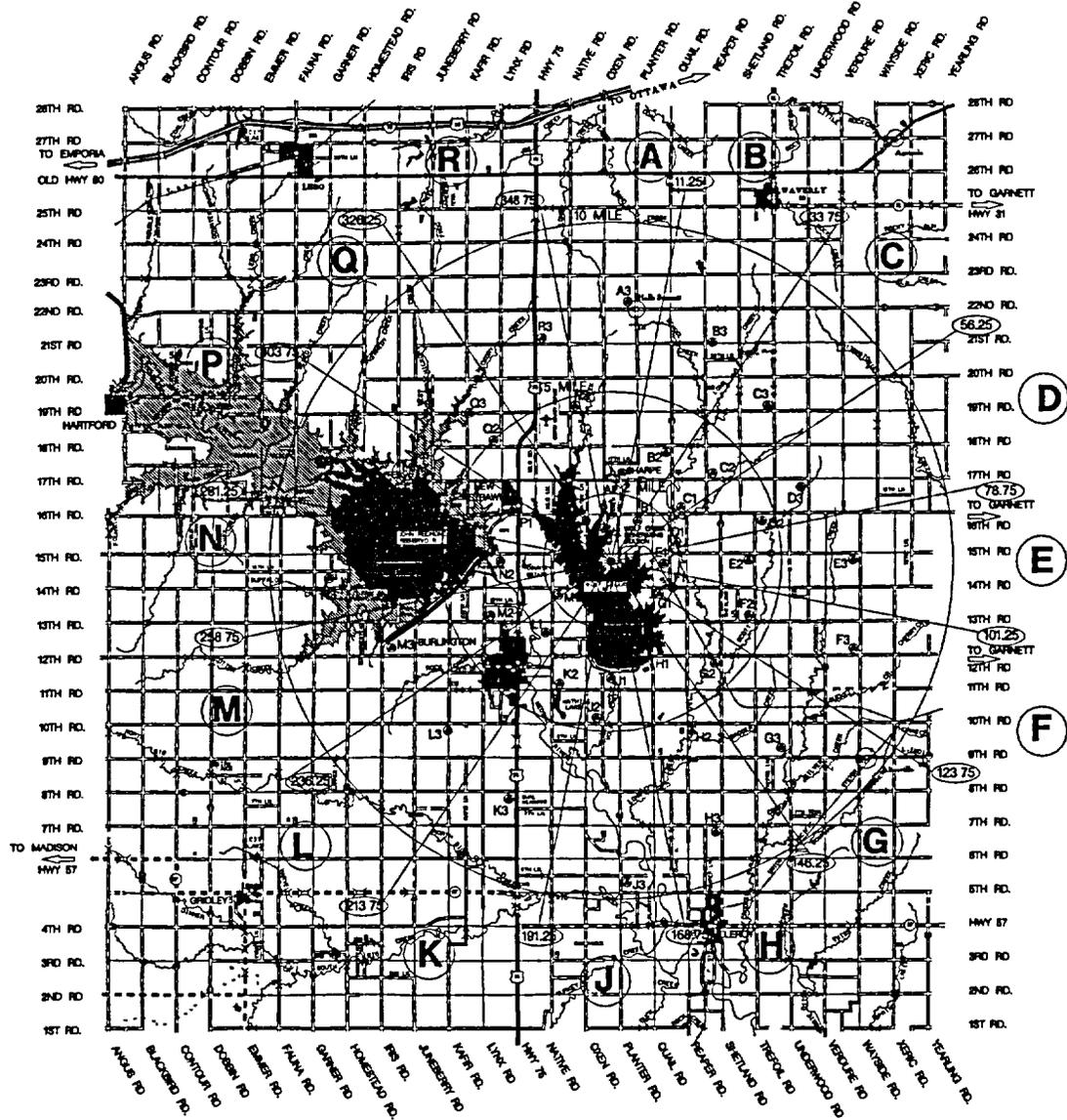
NOTE

Sources of water to be sampled should normally be undisturbed, stagnant bodies, such as ponds or cattle troughs. Avoid collecting vegetation, debris, or bottom sediments with the water.

- B.11.1 Wearing gloves, immerse a one-liter bottle in water source until full. Avoid getting potentially contaminated water on the skin.
- B.11.2 Place the liquid sample bottle in a plastic bag and label.

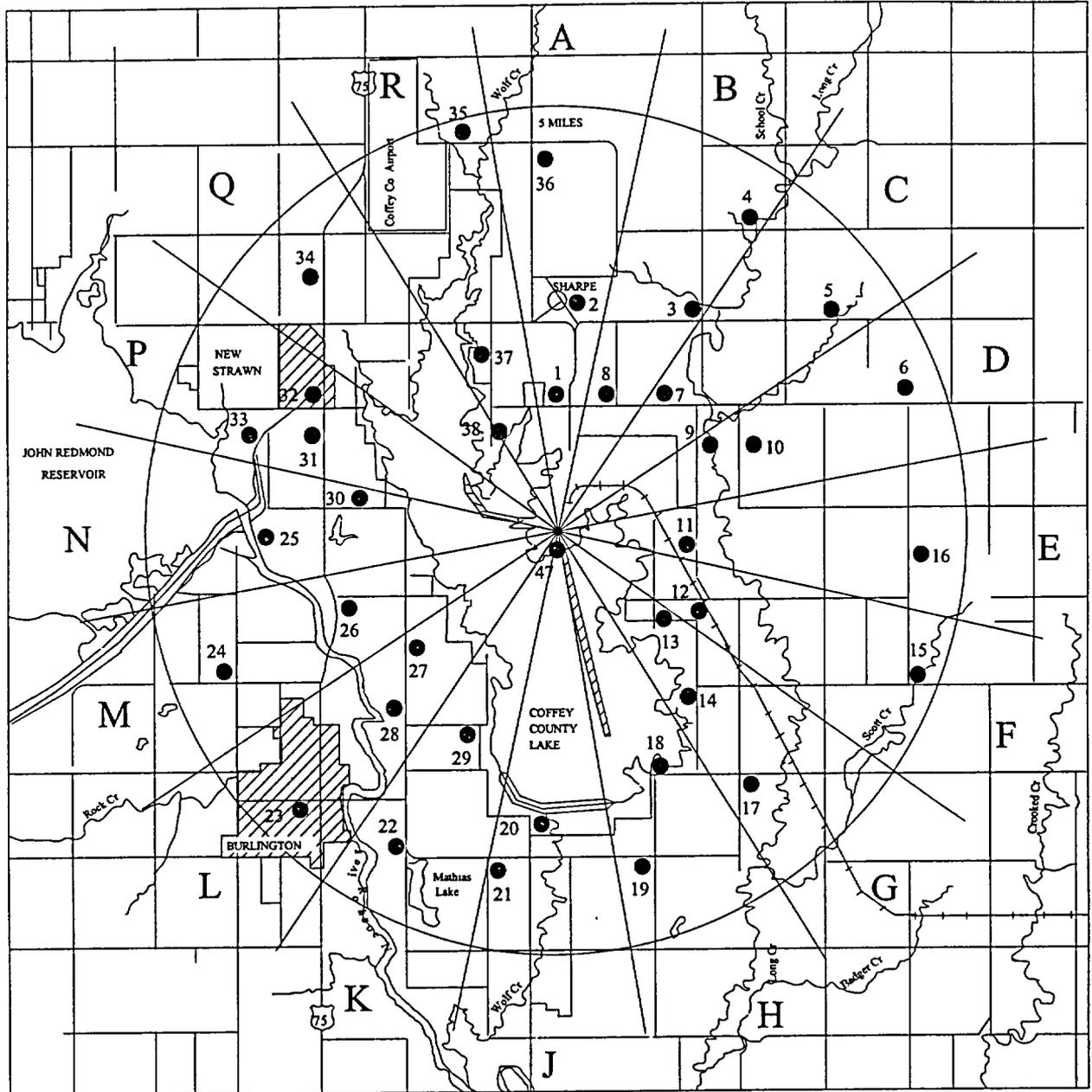
- END -

FIGURE 1
PRE-DESIGNATED MONITORING POINTS



- END -

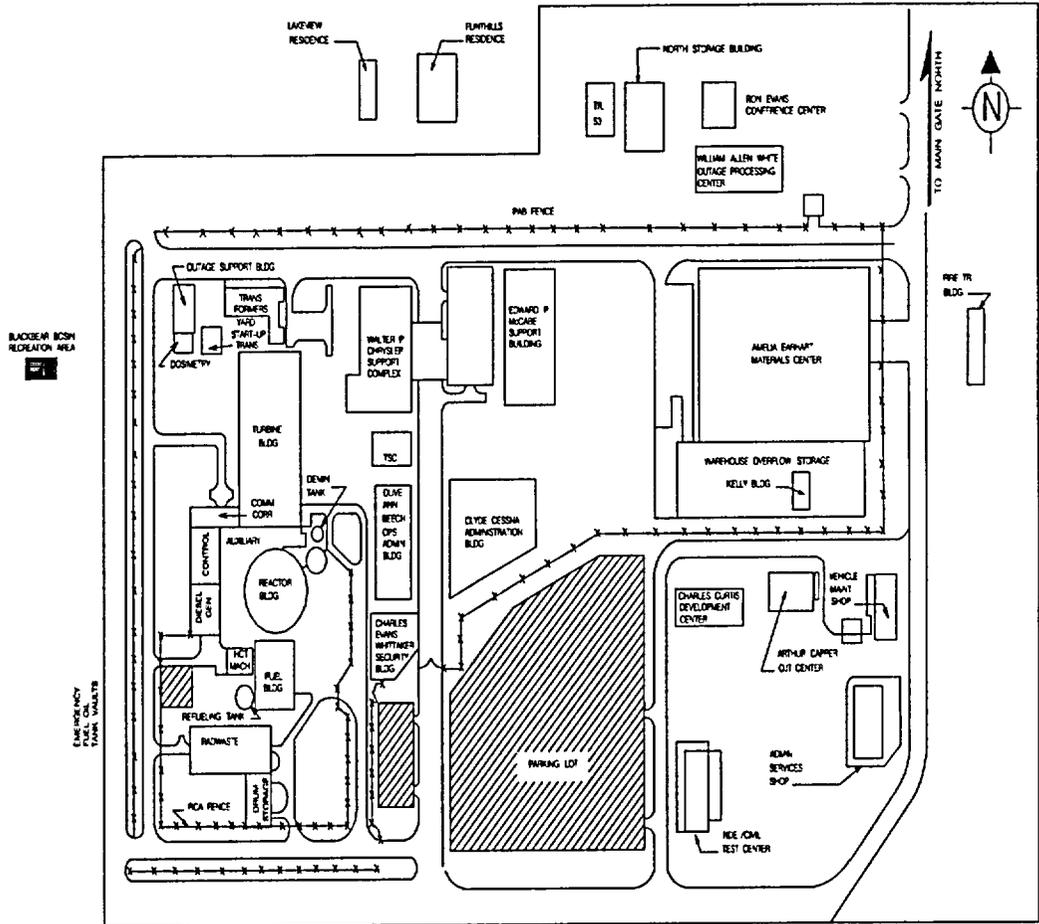
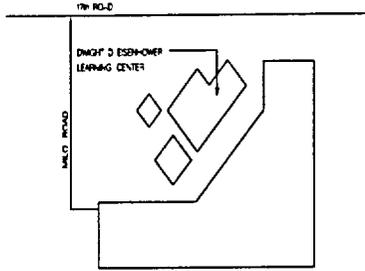
FIGURE 2
WOLF CREEK ATMOSPHERIC SAMPLING



DIRECT RADIATION PATHWAY SAMPLING LOCATIONS

● = TLD LOCATIONS

FIGURE 3
SITE MAP



- END -



EPP 06-015

EMERGENCY RESPONSE ORGANIZATION CALLOUT

Responsible Manager

Revision Number	5
Use Category	Reference
Administrative Controls Procedure	No
Infrequently Performed Procedure	No
Program Number	06

DC2 12/18/02

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1.0 PURPOSE

1.1 This procedure provides the guidance for Wolf Creek personnel in performing Emergency Response Organization (ERO) callout.

2.0 SCOPE

2.1 This procedure applies to those personnel assigned the responsibility for performing ERO callout.

3.0 REFERENCES AND COMMITMENTS

3.1 References

3.1.1 Radiological Emergency Telephone Directory (RETD)

3.2 Commitments

3.2.1 None

4.0 DEFINITIONS

4.1 Automatic Dialing System (ADS)

4.1.1 An automated telephone communication system which may be used to call out personnel.

4.2 Callout

4.2.1 The methodology which ensures proper staffing of the Emergency Response Facilities.

4.3 Completed Scenario

4.3.1 Circumstance where a callout is finished either by user intervention, all ERO positions are filled or the scenario run time has expired. A completed scenario can not be resumed at a later time.

4.4 Emergency Response Organization (ERO)

4.4.1 Personnel who are assigned to specific emergency organization positions described in the Radiological Emergency Response Plan (RERP).

4.5 Event Code

4.5.1 A number which is displayed when the E-Plan Pagers are activated which indicates the emergency classification and whether pagers were activated in emergency, test, or drill mode.

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4.6 Initial Classification

4.6.1 The first emergency classification declared in association with an emergency condition. This classification is NOT an upgrade from a less severe emergency classification.

4.7 Manual Callout

4.7.1 Method where individuals call out emergency personnel instead of the ADS.

4.8 Normal Working Hours

4.8.1 For the purpose of ADS activation, those hours between 0730 and 1530 (except as indicated in Steps 4.9.1 through 4.9.4) are considered normal working hours.

4.9 Non-Normal Working Hours

4.9.1 All time periods outside of normal working hours including weekends, holidays, the Company alternate Mondays off and other Company-observed time off.

4.9.2 The Monday before a Tuesday Christmas, New Year's, or Independence Day is considered as non-normal work hours.

4.9.3 The Friday after a Thursday Christmas, New Year's, or Independence Day is considered as non-normal work hours.

4.9.4 The Friday after Thanksgiving and Christmas Eve day are considered as non-normal work hours.

4.10 Password

4.10.1 Code assigned to each user to gain access to the ADS.

4.11 Radiological Emergency Response Telephone Directory (RETD)

4.11.1 The directory which contains telephone numbers for Emergency Response Organization personnel.

4.12 Records

4.12.1 Documents such as calculation worksheets, computer printouts, forms, logs, memos, checklists, or any paper used to record data or information during an emergency, drill or exercise which may be used for event reconstruction.

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4.13 Scenario Resumption

4.13.1 Restarts a scenario that was suspended. The ADS begins making calls from the point it was suspended.

4.14 Scenario

4.14.1 The tool by which you start, stop or suspend the ADS.

4.15 Scenario Number

4.15.1 Identification code assigned to each scenario.

4.16 Suspended Scenario

4.16.1 Scenario in which all calls are stopped temporarily. The scenario remains active and must be resumed or completed at a later time.

4.17 Upgrade Classification

4.17.1 An emergency classification that represents an increase in the severity of a previously declared emergency.

5.0 RESPONSIBILITIES

5.1 Off-Site Communicator

5.1.1 Ensure the Emergency Response Organization (ERO) callout is initiated in a timely manner by activating the ADS and E-Plan Pagers as required.

5.2 Computer Operator

5.2.1 Perform ADS monitoring activities.

5.2.2 Initiate ERO manual callout.

5.2.3 Provide staffing information to the TSC and EOF.

5.3 Non-Responding Emergency Communicators (NRECs)

5.3.1 Perform a manual callout of ERO.

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6.0 PRECAUTIONS/LIMITATIONS

- 6.1 ADS passwords are considered confidential information.
- 6.2 E-Plan Pagers only are activated for emergencies declared during normal working hours and for emergency classification upgrades from an Alert or higher classification.
- 6.3 More than one scenario may be active at any time. The ADS will only process calls for one scenario at a time. The ADS automatically processes each active scenario by order of priority.
- 6.4 IF a higher priority scenario is activated, THEN the ADS automatically suspends the lower priority scenario. The lower priority is automatically resumed by the ADS unless the scenario run time expires.

7.0 PROCEDURE7.1 Off-Site Communicator7.1.1 Normal Working Hours

1. IF an emergency is declared during normal working hours, THEN activate the E-Plan Pagers in accordance with ATTACHMENT A, E-PLAN PAGER ACTIVATION.

7.1.2 Non-Normal Working Hours

1. Initial Emergency Classification

- a. IF an initial emergency classification is declared during non-normal working hours, THEN activate the ADS in accordance with ATTACHMENT B, ADS ACTIVATION.

2. Emergency Classification Upgrade

- a. IF a Notification of Unusual Event is upgraded to an Alert, Site Area or General Emergency, THEN activate the ADS in accordance with ATTACHMENT B, ADS ACTIVATION.
- b. IF an Alert is upgraded to a Site Area or General Emergency, THEN activate the E-Plan Pagers only in accordance with ATTACHMENT A, E-PLAN PAGER ACTIVATION.
- c. IF a Site Area Emergency is upgraded to a General Emergency, THEN activate the E-Plan Pagers only in accordance with ATTACHMENT A, E-PLAN PAGER ACTIVATION.

3. ADS Suspension or Completion

- a. IF at any time the ADS is performing a callout which should be stopped, THEN suspend or complete the scenario in accordance with ATTACHMENT C, ADS CALLOUT SUSPENSION AND COMPLETION.
 - 1) IF the scenario was suspended, THEN resume or complete the scenario in accordance with ATTACHMENT D, ADS RESUMPTION OR COMPLETION.

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7.2 Computer Operator

7.2.1 Normal Working Hours

1. IF an Alert, Site Area or General Emergency is declared during normal working hours, THEN report to the Administrative Coordinator in the TSC.

7.2.2 Non-Normal Working Hours

1. IF a Notification of Unusual Event is declared, THEN perform ADS monitoring responsibilities.
 - o IF the ADS fails to activate, THEN initiate a manual callout.
2. IF an Alert is declared, THEN perform ADS monitoring responsibilities.
 - o IF the ADS fails to activate, THEN initiate a manual callout.
3. IF a Site Area Emergency or General Emergency is declared and the TSC and EOF have not been previously staffed, THEN perform ADS monitoring responsibilities.
 - o IF the ADS fails to activate, THEN initiate a manual callout.

NOTE

The TSC Administrative Coordinator will determine the feasibility of personnel returning to the Computer Room. Prior to the Administrative Coordinator's arrival, this determination may be delegated to the TSC Facility Technician or TSC Radiological Coordinator.

7.2.3 ADS Monitoring/Reporting

1. At the ADS console, access the ADS Status Screen: Press Right-Control and 2 (on the number pad). The screen should show callout activity on the screen. Use the Page Up and Page Down keys to scroll up and down to view all lines.
2. IF the ADS Status Screen shows callout activity, THEN consider the ADS activated.

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- a. IF the ADS Status Screen does not indicate that calls are being made or received, THEN consider the ADS down and continue with Step 7.2.4, ADS FAILURE AND MANUAL CALLOUT.
3. Verify that the ADS printer is on-line. The ADS reports print out periodically until callout completion.
4. Verify the scenario number and scenario mode (emergency, test or drill) on the ADS Report are the same as the information provided by the Off-Site Communicator.
 - o IF a discrepancy exists, THEN contact the Off-Site Communicator at Ext. #4834.
5. IF an Notification of Unusual Event is declared, THEN there are no reporting responsibilities. Do not report to the TSC.

NOTE

At a General Emergency report to the TSC after monitoring the ADS for approximately 10 minutes.

6. IF an Alert or higher classification is declared, THEN report to the TSC with the ADS reports and perform the following:
 - o Fax the ADS reports to EOF
 - o Provide the TSC Administrative Coordinator with the ADS reports
 - o Return to the Computer Room as directed by the TSC Administrative Coordinator or designee

NOTE

At a General Emergency report to the TSC prior to initiating manual callout.

7.2.4 ADS Failure and Manual Callout

1. IF the ADS fails to activate or fails to complete a callout THEN notify the Shift Manager at Ext. #4800 that the ADS failed and that a manual callout is necessary.

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- a. Ensure the positions of NREC-1, NREC-2, NREC-3 and NREC-4 are staffed for manual callout by performing the following:
 - o IF the "Call Response Report" is available, THEN call the NRECs listed. The report will indicate which NREC position each person filled and a telephone number where they can be reached.
 - o IF the "Call Response Report" is not available, THEN page the on-call NRECs at the pager numbers listed in RETD Section III, EMERGENCY RESPONSE ORGANIZATION DUTY ROSTER or at any alternate number you have been provided.
 - o IF the NRECs do not respond after being paged, THEN call the telephone numbers listed for NRECs found in RETD Section III, EMERGENCY RESPONSE ORGANIZATION DUTY ROSTER.
- b. Obtain the name, telephone number and pager number (if applicable) of each individual filling an NREC position for future reference.
 - o All four NREC positions must be filled. IF four NRECs are not available, THEN instruct one of the responding NRECs to fill the open position.
- c. Provide the NRECs with the following information:
 - o This is a drill or actual emergency
 - o Perform a manual callout of the Emergency Response Organization (ERO)
 - o Reason for manual callout (e.g. ADS failed)
 - o NREC position they are accepting
 - o Emergency classification
 - o Time of classification (if available)
 - o Other applicable information which would enhance or clarify the callout process
- d. Ensure applicable information is logged.

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7.3 Non-Responding Emergency Communicators (NRECs)

7.3.1 Normal Working Hours

1. NRECs have no callout responsibilities during this time period.

NOTE

Follow all directions provided by the Computer Operator including responsibilities outside of the scope of the procedure.

7.3.2 Non-Normal Working Hours

1. IF an emergency is declared during non-normal working hours, THEN call into the ADS.
 - a. IF the ADS answers, THEN leave a telephone number where you can be reached for the next two hours. The ADS will assign you as NREC-1, NREC-2, NREC-3 or NREC-4.
 - b. IF the ADS fails to answer, THEN call the Computer Operator at (620) 364-8831, Ext. #4773 or Ext. #4774. Provide a telephone number where you can be reached for the next two hours.
 - 1) IF the Computer Operator does not answer, THEN page the Computer Operator at (785) 575-7507.

7.3.3 NREC Callout - Notification of Unusual Event

1. IF instructed by the Computer Operator to perform a manual callout, THEN obtain EPF 06-015-01, EMERGENCY RESPONSE ORGANIZATION MANUAL CALLOUT LOG.
2. Perform callout as follows referring to ATTACHMENT E, EMERGENCY CALLOUT MESSAGE and Radiological Emergency TELEPHONE DIRECTORY (RETD) Section IV, EMERGENCY RESPONSE ORGANIZATION CALLOUT:
 - o NREC-1: All NREC 1, NUE positions (N1, NUE)
 - o NREC-2 is on Standby
 - o NREC-3 is on Standby
 - o NREC-4 is on Standby

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3. Report current callout results to each person called out (e.g., the third person called should be told the names of the first two people filling their positions).

7.3.4 NREC Callout - Alert, Site Area or General Emergency

1. IF instructed by the Computer Operator to perform a manual callout, THEN obtain EPF 06-015-01, EMERGENCY RESPONSE ORGANIZATION MANUAL CALLOUT LOG.
2. Perform callout as follows referring to ATTACHMENT E, EMERGENCY CALLOUT MESSAGE and Radiological Emergency TELEPHONE DIRECTORY (RETD), Section IV, EMERGENCY RESPONSE ORGANIZATION CALLOUT:
 - o NREC 1: All NREC 1 positions, Lists 1, 2 and 3
 - o NREC 2: All NREC 2 positions, Lists 1, 2 and 3
 - o NREC 3: All NREC 3 positions, Lists 1, 2 and 3
 - o NREC 4: All NREC 4 positions, Lists 1, 2 and 3
3. Attempt to fill all ERO positions with the required number of people by calling through each list up to three times. Emphasize filling positions from List 1 before List 2; Lists 1 and 2 before List 3.
4. Contact the TSC Administrative Coordinator at (620) 364-8831, Ext. #5375 and indicate which NREC lists you have contacted and applicable information for responding personnel only.
 - a. Leave a number where you can be reached if additional assistance is required.

8.0 INITIAL ACTIONS

8.1 None

9.0 SUBSEQUENT ACTIONS

9.1 None

10.0 RECORDS

10.1 Records generated by this procedure during an actual emergency are considered lifetime QA records and shall be forwarded to Emergency Planning at the termination of the emergency.

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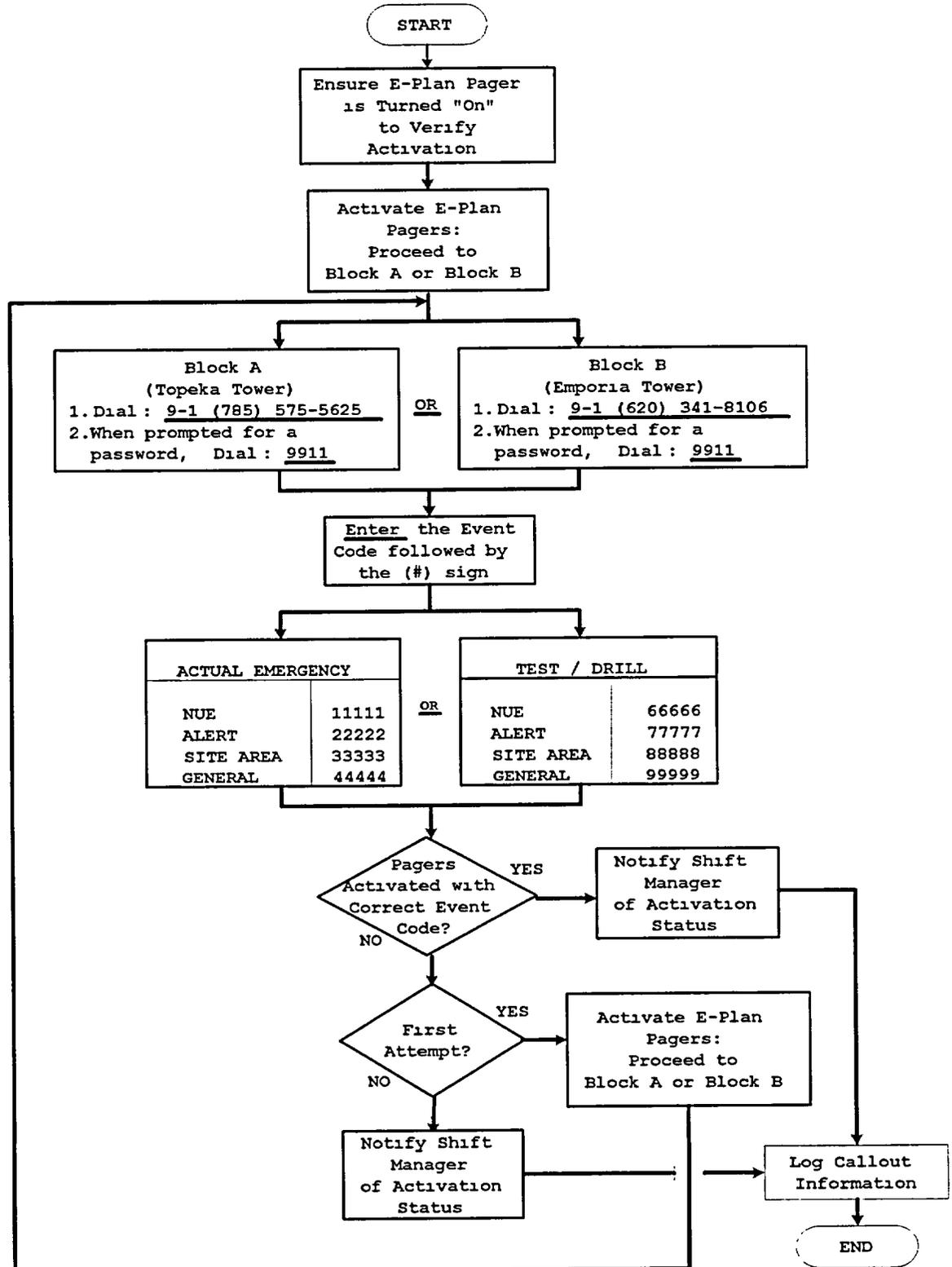
10.2 Records generated by this procedure during drills or exercises are considered non-QA records and shall be forwarded to Emergency Planning at the termination of the drill or exercise.

11.0 FORMS

11.1 EPF 06-015-01, EMERGENCY RESPONSE ORGANIZATION MANUAL CALLOUT LOG

- END -

ATTACHMENT A
E-PLAN PAGER ACTIVATION
(PAGE 1 OF 1)



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ATTACHMENT B
ADS ACTIVATION
(PAGE 1 OF 2)

NOTES

- o The ADS is activated during non-normal working hours only.
- o For Site Area and General Emergency classifications, activate the ADS for initial emergency classifications or upgrades directly from an Notification of Unusual Event only.

B.1 Ensure E-PLAN Pager is turned "On" to verify activation.

B.2 Using the telephone, call the ADS. Dial: 9-364-8031 or
9-364-8034

B.3 ADS Activation

B.3.1 IF the ADS answers, THEN enter your password during the "HELLO" segment AND proceed to Step B.4.

B.3.2 IF the ADS fails to answer, THEN perform the following:

1. Attempt to activate the ADS again.

2. IF the ADS continues to fail, THEN perform the following:

a. Contact the Computer Operator (Ext. #4773) or Pager # (785) 575-7507 to initiate a manual callout of the ERO.

- o Provide the emergency classification and any other applicable information which would enhance the callout process.

b. Activate the E-Plan Pagers in accordance with ATTACHMENT A, E-PLAN PAGER ACTIVATION.

ATTACHMENT B
ADS ACTIVATION
(PAGE 2 OF 2)

CAUTION

An Event Code must be entered or the pagers will activate with a dash (-).

B.4 Activate the ADS by following the prompts given by the ADS.

B.4.1 Scenario Number Options

EMERGENCY CLASSIFICATION	SCENARIO NUMBER
Notification of Unusual Event (NUE)	060
Alert	070
Site Area Emergency	080
General Emergency	090

B.4.2 Event Code Options

ACTUAL EMERGENCY	TEST/DRILL
NUE 11111	NUE 66666
ALERT 22222	ALERT 77777
SAE 33333	SAE 88888
GE 44444	GE 99999

B.5 Stay on the line until the ADS states: "Thank You, Goodbye"

B.6 IF the incorrect event code is displayed or the pagers do not activate, THEN activate the E-Plan Pagers using Attachment A.

B.7 Notify the Shift Manager of the ADS activation status.

B.8 Notify the Computer Operator (Ext. #4773) or Pager #(785) 575-7507) of the ADS status; include the scenario number and scenario mode.

B.9 Ensure callout information is logged.

- END -

ATTACHMENT C
ADS CALLOUT SUSPENSION AND COMPLETION
(PAGE 1 OF 1)

- C.1 Using the telephone, call the ADS. Dial: **9-364-8031** or
9-364-8034
- C.2 WHEN the ADS answers, THEN enter your password during the "HELLO" segment.
- C.3 Suspend or Complete a scenario by following the prompts given by the ADS:

C.3.1 Enter the scenario number you want to work with:

EMERGENCY CLASSIFICATION	SCENARIO NUMBER
Notification of Unusual Event (NUE)	060
Alert	070
Site Area Emergency	080
General Emergency	090

- C.4 Stay on the line until the ADS states: "Thank You, Goodbye."
- C.5 Ensure callout information is logged.

- END -

ATTACHMENT D
ADS RESUMPTION OR COMPLETION
(PAGE 1 OF 1)

- D.1 Using the telephone, call the ADS. Dial: **9-364-8031** or
9-364-8034
- D.2 WHEN the ADS answers, THEN enter your password during the "HELLO" segment.
- D.3 Resume or Complete a scenario by following the prompts given by the ADS:

D.3.1 Enter the scenario number you want to work with:

EMERGENCY CLASSIFICATION	SCENARIO NUMBER
Notification of Unusual Event (NUE)	060
Alert	070
Site Area Emergency	080
General Emergency	090

- D.4 Stay on the line until the ADS states: "Thank You, Goodbye."
- D.5 Ensure callout information is logged.

- END -

ATTACHMENT E
EMERGENCY CALLOUT MESSAGE
(PAGE 1 OF 1)

E.1 This is a _____.
(drill/actual emergency)

E.2 This is _____
Name/ERO position title

E.3 A/AN Notification of Unusual Event (NUE)
Alert
Site Area Emergency
_____ General Emergency _____ has been declared.

E.4 You are being notified to assume your Emergency Response
Organization position of _____.
ERO position title

E.5 Are you able to staff this position, and if so how long will it
take you to reach the facility or begin your emergency response
function?

E.6 This is a _____.
(drill/actual emergency)