

WOLF CREEK

NUCLEAR OPERATING CORPORATION

Karl A. (Tony) Harris
Manager Regulatory Affairs

APR 17 2003

RA 03-0058

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

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

Gentlemen:

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

PROCEDURES

Effective March 26, 2003
EPP 06-019, Revision 3

Effective April 1, 2003
EPP 06-015, Revision 6

FORMS

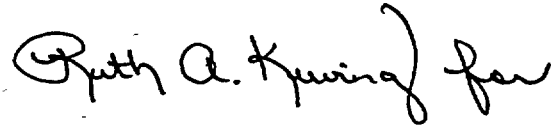
Effective March 20, 2003
EPF 06-007-01, Revision 6
EPF 06-011-05, Revision 1

Effective March 26, 2003
EPF 06-019-01, Revision 3
EPF 06-019-03, Revision 0

A045

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,

A handwritten signature in cursive script, appearing to read "Karl A. Harris" with a stylized flourish at the end.

Karl A. (Tony) Harris

KAH/rlg

Enclosures

cc: J. N. Donohew (NRC), w/e
D. N. Graves (NRC), wo/e
E. W. Merschoff (NRC), w/e (2)
T. W. Pruett (NRC), w/e
Senior Emergency Preparedness Inspector (NRC), w/e
Senior Resident Inspector (NRC), wo/e



EPP 06-019

ALERT AND NOTIFICATION SYSTEM SIRENS

Responsible Manager

Superintendent Emergency Planning

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

DC50 03-26-2003

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1.0 PURPOSE

1.1 This procedure provides instruction for the testing and maintenance of the Alert and Notification System sirens.

2.0 SCOPE

2.1 This procedure applies to all WCGS Alert and Notification System Sirens. Emergency Planning shall initiate the appropriate documents to implement siren maintenance. Siren maintenance shall be performed on an annual basis.

2.2 This procedure applies to Emergency Planning and Information Services for testing of the Alert and Notification System Sirens.

3.0 REFERENCES AND COMMITMENTS

3.1 References

3.1.1 AP 26A-001, INSTRUCTIONS FOR EVALUATING, REPORTING, AND DOCUMENTING POTENTIALLY REPORTABLE EVENTS

3.1.2 MGE EOOP-05, INSULATION RESISTANCE TESTING

3.1.3 Federal Signal Corporation Radio-Controlled Public Notification System Service Manual.

3.1.4 Alerting Communicators of America Installations, Operations, Maintenance and Parts Manual.

3.1.5 Coffey County Contingency Plan Implementing Procedure No. 42, SIREN MAINTENANCE

3.1.6 10 CFR 50, CODE OF FEDERAL REGULATIONS

3.2 Commitments

3.2.1 None

4.0 DEFINITIONS

4.1 Growl Test

4.1.1 Verifies proper operation of each siren by activating the siren motor long enough to attain sufficient speed to produce a growl sound. The sirens shall be growl tested at least once per quarter.

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4.2 Silent Test

- 4.2.1 Verifies operation of the radio control activating equipment without operating the siren motors. The sirens are silent tested every two weeks, except when growl tested.

4.3 Biweekly Test

- 4.3.1 Test performed once every two weeks.

4.4 Annual Full Cycle Test

- 4.4.1 Test in which the Coffey County Sheriff's Department will activate all sirens in unison while personnel located near each siren verifies each siren sounds and rotates until the siren activation timer times out. The full cycle test requires activation of all sirens in unison once each year.

5.0 RESPONSIBILITIES

5.1 Coffey County Emergency Preparedness Coordinator (EPC)

- 5.1.1 For coordinating the siren test schedule with the Coffey County Sheriff's Department. Adverse weather and company holidays may affect the schedule.
- 5.1.2 For notifying the public of siren test schedules.

5.2 Coffey County Sheriff's Department

- 5.2.1 For performing the functions of the County EPC when the EPC cannot be contacted.
- 5.2.2 To assist in biweekly testing of the sirens, when available, by activating the sirens individually at the request of Information Services.

5.3 Emergency Planning

- 5.3.1 For coordinating the siren test schedule with the Coffey County Emergency Preparedness Coordinator (EPC). Adverse weather and company holidays may affect the schedule.

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5.4 Information Services

- 5.4.1 Responsible for assisting in the performance of siren testing.
- 5.4.2 Responsible for notifying the Coffey County Sheriff's Dispatcher and the Superintendent Emergency Planning, or his designee, of any sirens that fail routine testing.
- 5.4.3 Responsible for performing siren maintenance.

6.0 PRECAUTIONS/LIMITATIONS

- 6.1 The loss of three or more sirens for more than one hour is a condition that is reportable to the NRC.

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7.0 PROCEDURE

7.1 Siren Testing

NOTE

A Growl test is the normally scheduled test. The Silent test should be performed if a growl test cannot be performed.

7.1.1 Perform siren testing on scheduled test days AND after maintenance has been performed on a siren.

1. The Coffey County EPC will determine what type of test will be performed if testing on a non-scheduled test day or due to inclement weather.
2. Attachment A, SIRENS, lists the siren identifier, location and approximate test time in the order in which they are growl or silent tested.

7.1.2 Upon arrival at the siren, contact the Coffey County Sheriff's Dispatcher and request a growl test of the siren.

1. IF the Dispatcher is unable to perform the test, THEN go to step 7.1.3.

7.1.3 IF activating the individual sirens using the portable radio transmitter, THEN perform in accordance with Attachment B, SIREN PORTABLE RADIO TRANSMITTER.

1. IF the portable radio transmitter fails to activate a siren, THEN the Coffey County Sheriff's dispatcher should be requested to activate the siren before leaving the area.

7.1.4 Record test data on EPP 06-019-02, ANS SIREN TEST REPORT, for each siren tested.

7.2 Siren Malfunctions

7.2.1 IF a siren fails to operate, THEN notify the Coffey County Sheriff's Dispatcher so that compensatory measures can be taken per Coffey County's CONTINGENCY PLAN IMPLEMENTING PROCEDURE No. 42.

7.2.2 IF a siren fails to operate, THEN notify Emergency Planning immediately and initiate a Work Request to repair the siren.

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7.2.3 IF three or more sirens are inoperable for more than one hour, THEN the Shift Manager should be notified. This condition is reportable under AP 26A-001, INSTRUCTIONS FOR EVALUATING, REPORTING, AND DOCUMENTING POTENTIALLY REPORTABLE EVENTS.

7.2.4 IF three or more sirens are inoperable for more than one hour, THEN the NRC Resident Inspector should be notified.

7.2.5 WHEN the siren malfunction is repaired, THEN perform a growl test and record test data on EPF 06-019-02, ANS SIREN TEST REPORT, for each repaired siren.

1. Any sound tests will be coordinated with the Coffey County EPC.

7.2.6 WHEN the inoperable siren is restored to operable, THEN notify the Coffey County Sheriff's Dispatcher and Emergency Planning so that compensatory measures may be stopped.

7.3 Annual Siren Maintenance

NOTES

- o A thirty to one-hundred foot bucket truck is required to perform work on the sirens.
- o The applicable paragraphs of the Federal Signal Corporation Radio-Controlled Public Notification System Service Manual are referenced below as "FSC SM Paragraph x-xx."
- o The 50 hp sirens (JR-1, JR-4 and WC2) are equipped with sealed motor bearings, therefore it is not necessary to lubricate these bearings. These bearings should be replaced when conditions indicate the bearings are defective.

7.3.1 Ensure the following documents are available for use during the performance of the annual siren maintenance:

- o A copy of the Federal Signal Corporation Radio-Controlled Public Notification System Service Manual for 1000 and 1003 Thunderbolt sirens
- o A copy of the Alerting Communicators of America Installations, Operations, Maintenance and Parts Manual for Penetrator 50 siren
- o Proair CR 29 Instruction Manual 10-1008-121

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- o Federal Signal Corporation, FL Series Siren Controller Manual, 255294

7.3.2 For Thunderbolt sirens, perform the following steps and complete the appropriate section of EPF 06-019-01, ANS THUNDERBOLT SIREN ANNUAL MAINTENANCE, for each siren.

CAUTION

Use the proper electrical Personnel Protection Equipment (PPE) when working on energized equipment.

1. Open power supply disconnect to the siren.
2. Remove the screws that hold the blower covers on the blower housing, lift up, and secure.
3. Remove the weights from the blower relief valve. Clean all machined surfaces and cover with a film of SAE 10W40 motor oil. Clean the weights and apply a protective coating of oil.
4. Examine blower drive belts for excessive wear. IF blower drive belts have excessive wear, THEN replace belts in accordance with FSC SM Paragraph 5-4B.1.
5. Depress each belt individually with one finger. IF belts depress greater than 1/2 in. or 13 mm., THEN tighten belts in accordance with FSC SM Paragraph 5-4B.1.
6. Change oil and add grease in the blower in accordance with FSC SM Paragraph 5-3A.1. IF blower motor bearings have grease fittings, THEN perform lubrication of the motor bearings.
7. Close blower cover and install screws.
8. Inspect the electrical control box gaskets to ensure watertight integrity. IF there is moisture condensation on the box internals, THEN dry internals and replace gasket. Inspect the relay contacts to assure that they make proper contact.
9. Remove cover(s) from the rotator housing to access oil and grease fittings.
10. Examine rotator drive belt for excessive wear. IF belt has excessive wear, THEN replace in accordance with Federal Signal Corporation Radio-Controlled Public Notification System Service Manual.

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11. Examine rotator drive belt for proper tension. IF belt tension not correct, THEN tighten in accordance with FSC SM Paragraph 5-4B.2.
12. Change rotator gear reducer housing oil in accordance with FSC SM Paragraph 5-3A.2.
13. Clean the rotator spur and pinion gears. Apply a light film of grease, Texaco Regal AFB2 or equivalent, to the gears.
14. Replace the rotator housing cover(s).
15. Remove covers from butterfly valves from the town sirens, check for broken springs, loose parts, and freedom of movement of the relay armatures.
16. Reinstall the butterfly valve cover(s).
17. Check horn projector opening screen for damage. IF screen is damaged, THEN replace the screen.
18. Inspect painted surfaces to determine if repainting is required.
19. Inspect the siren installation to ensure vertical orientation. Siren must not be more than 5 degrees out of plumb.
20. Close power supply breaker to the siren.
21. Perform a growl test to ensure proper siren operation.

7.3.3 For Penetrator 50 type sirens, perform the following steps and complete the appropriate section of EPF 06-019-03, ANS PENETRATOR 50 SIREN ANNUAL MAINTENANCE, for each siren.

CAUTION

Use the proper electrical Personnel Protection Equipment (PPE) when working on energized equipment.

1. Open power supply disconnect to the siren.

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CAUTION

Do not open siren WC2, Coffey County Lake South, cover for 5 minutes after removing AC power to allow capacitors to discharge.

2. Inspect the electrical control box gasket to ensure water tight integrity. IF there is moisture condensation on the box internals, THEN dry internals and replace gasket. Inspect the relay contacts to assure that they make proper contact.
3. Megger the siren motor in accordance with MEG EOOP-05, INSULATION RESISTANCE TESTING.
4. Remove cover from the rotator housing to access oil fittings.
5. Examine rotator drive chain for excessive wear. IF chain has excessive wear, THEN replace the chain.
6. Grease rotator drive chain.
7. Change rotator gear reducer housing oil in accordance with the Alerting Communicators of America Penetrator 50 Siren Manual.
8. Clean the rotator spur and pinion gears. Apply a light film of grease to the gears.
9. Replace the rotator housing cover.
10. Check horn projector opening screen for damage. IF screen is damaged, THEN replace the screen.
11. Inspect painted surfaces to determine if repainting is required.
12. Inspect the siren installation to ensure vertical orientation. Siren must not be more than 5 degrees out of plumb.
13. Close power supply breaker to the siren.
14. IF performing annual maintenance on Coffey County Lake South siren (WC2), THEN open the cabinet containing the inverter to allow access to the inverter fan.
15. Perform a growl test to ensure proper siren operation.

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16. IF performing annual maintenance on the WC2 siren, THEN observe the inverter fan rotation during the growl test.

17. WHEN growl test is completed, THEN close the WC2 siren cabinet containing the inverter.

7.4 Semi-Annual Siren Maintenance

7.4.1 Perform the following on Coffey County Lake (CCL) South siren and log the completion of the maintenance on EPF 06-019-02, ANS SIREN TEST REPORT:

CAUTION

Use the proper electrical Personnel Protection Equipment (PPE) when working on energized equipment.

1. IF it is Spring, THEN connect the air conditioner
2. IF it is Autumn, THEN connect the heater and set thermostat at 0° Celsius.
3. Inspect inverter control door gaskets and seal around air conditioner
4. Inspect filter per PROAIR CR29 INSTRUCTION MANUAL 10-1008-121, section 6
5. Inspect condenser coil for dirt buildup

8.0 RECORDS

8.1 Records generated by this procedure are considered non-QA records and shall be forwarded to Emergency Planning when completed to be retained for five years.

9.0 FORMS

9.1 EPF 06-019-01, ANS THUNDERBOLT SIREN ANNUAL MAINTENANCE

9.2 EPF 06-019-02, ANS SIREN TEST REPORT

9.3 EPF 06-019-03, ANS PENETRATOR 50 SIREN ANNUAL MAINTENANCE

- END -

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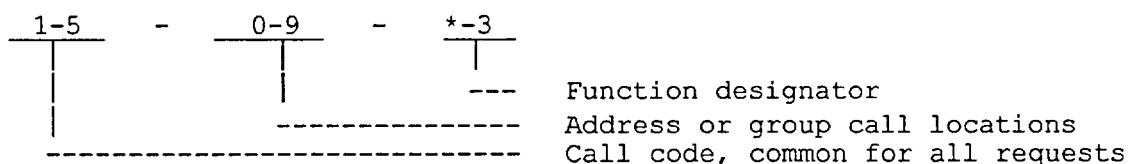
ATTACHMENT A
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SIRENS

SIREN IDENTIFIER	SIREN LOCATION	APPROXIMATE TEST TIME
WC-1 - Coffey County Lake North	1/2 mile south of the Dwight D. Eisenhower Learning Center	0730
W-1 - Waverly	Corner of 7th and Schofield Streets in Waverly	0800
JR-2 - Ottumwa	East of Iris Road on Texas Street (South end of Ottumwa)	0845
NS-1 - New Strawn	South and west of the radio station	0930
JR-1 - Main Dam	South of 15th Road at Embankment Road (Adjacent to the WCGS Make-up Water Screenhouse)	1000
JR-3 - Otter Creek	13th Road at Homestead Lane (One-half mile north and one-quarter mile west of the west end of John Redmond Reservoir (JRR Dam)	1030
JR-4 - Jacobs Creek	1/2 mile north of 14th Land on Garner Road (Five miles west and three miles north of Burlington)	1045
B-2 - Sonic	North edge of Burlington on Hwy. 75	1200
B-1 - 9th & Yuba	Near the alley at 9th & Yuba Streets in Burlington	1230
L-1 - LeRoy	One block south of the LeRoy High School	1325
WC-2 - Coffey County Lake South	1/4 mile northeast of the Coffey County Landfill	1415

- END -

ATTACHMENT B
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SIREN PORTABLE RADIO TRANSMITTER

- B.1 The siren portable radio transmitter has a 10-key keyboard similar to a push-button phone. The transmitter is used to activate the individual sirens by use of a six (6) digit code system.
- B.2 The first two digits of each code is the "call code." The third and fourth digits will be the siren "address." The last two digits make up the "function" designator which refers to the Attack, Alert, Fire or Cancel mode. See example below.



- B.3 Table 1 lists the address and call code for each siren as well as the designator for each function.

TABLE 1

Siren Site	Address	Group Calls
Coffey County Lake North	0-1	
New Strawn	0-2	
Coffey County Lake South	0-4	0-#
LeRoy	0-8	
Waverly	0-9	
Ottumwa	1-3	
Otter Creek	1-4	1-#
MainDam	1-5	
Jacobs Creek	1-6	
Sonic	2-6	2-#
9th & Yuba	2-7	
Function		
Attack	wail	1
Alert	steady	2
Fire	Hi-Low	3
Cancel		4
All Call, Sheriff's Office Only, #-#		

EXAMPLES

- o To activate the Waverly siren in the fire mode, key the following sequence: 1-5-0-9-*-3
- o To cancel the Waverly siren sequence, key the following sequence: 1-5-0-9-*-4
- o Cancel can also be achieved by Group Call sequence: 1-5-0-#-*-4

- END -



EPP 06-015

EMERGENCY RESPONSE ORGANIZATION CALLOUT

Responsible Manager

SUPERINTENDENT EMERGENCY PLANNING

Revision Number	6
Use Category	Reference
Administrative Controls Procedure	No
Infrequently Performed Procedure	No
Program Number	06

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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 A computer-based communication system with the capability to contact emergency response personnel through the use of pagers and telephones.

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.

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 is considered as non-normal work hours.

4.10 Scenario Activation Password

4.10.1 Code assigned to each user to access the Remote Activation Module.

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

4.13.1 The tool by which you start or stop the ADS.

4.14 Scenario ID

4.14.1 Identification code assigned to each scenario.

4.15 Upgrade Classification

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

4.16 Remote Activation Module

4.16.1 Automated process used to activate the ADS using the telephone.

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.

5.3 Non-Responding Emergency Communicators (NRECs)

5.3.1 Perform a manual callout of ERO.

6.0 PRECAUTIONS/LIMITATIONS

6.1 Scenario activation 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 automatically processes each active scenario by order of priority.

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7.0 PROCEDURE

7.1 Off-Site Communicator

7.1.1 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 Completion
 - a. IF at any time the ADS is performing a callout that should be completed, THEN stop the scenario in accordance with ATTACHMENT C, ADS COMPLETION.

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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 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.

- o Return to the Computer Room as directed by the TSC Administrative Coordinator or designee.

7.2.2 Non-Normal Working Hours

1. IF a Notification of Unusual Event is declared, THEN perform ADS monitoring responsibilities. Do not report to the TSC.

- o IF the ADS fails to activate, THEN initiate a manual callout.

2. IF an Alert is declared, THEN perform ADS monitoring responsibilities.

- a. IF the ADS fails to activate, THEN initiate a manual callout.

- b. WHEN ADS monitoring responsibilities or manual callout are complete, THEN report to the Administrative Coordinator in the TSC.

- o Return to the Computer Room as directed by the TSC Administrative Coordinator or designee.

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3. IF a Site Area Emergency is declared and the TSC and EOF have not been previously staffed, THEN perform ADS monitoring responsibilities.

a. IF the ADS fails to activate, THEN initiate a manual callout.

b. When ADS monitoring responsibilities or manual callout are complete, THEN report to the Administrative Coordinator in the TSC.

o Return to the Computer Room as directed by the TSC Administrative Coordinator or designee.

4. IF a General Emergency is declared and the TSC and EOF have not been previously staffed, THEN perform the ADS monitoring responsibilities:

o IF the ADS activates, perform ADS monitoring responsibilities for approximate 10 minutes, THEN report to the Administrative Coordinator in the TSC.

o IF the ADS fails to activate, THEN report to the Administrative Coordinator in the TSC and initiate a manual callout.

o Return to the Computer Room as directed by the TSC Administrative Coordinator or designee.

7.2.3 ADS Monitoring

1. At the ADS console, double-click the Voice Server icon located in the computer system tray at the bottom right corner of the monitor.

2. IF the Voice Server screen shows callout activity, THEN consider the ADS activated.

a. IF the Voice Server 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 Alpha Pager Modem is turned on and the appropriate phone line plugged in as the ADS activates the E-Plan pagers through this modem.

4. Verify that the Diagnostic/Fax Modem is turned on and the appropriate phone line plugged in. The ADS reports are periodically faxed via the modem to the emergency facilities until callout completion.

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5. Verify that the ADS printer is on-line. The ADS reports print out periodically until callout completion.
6. Verify the Scenario ID on the Voice Server screen is 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.

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.
 - 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 Response Status 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 Response Status 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.

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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 (or alternate pager number provided).

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 D, 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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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 D, 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 RECORDS

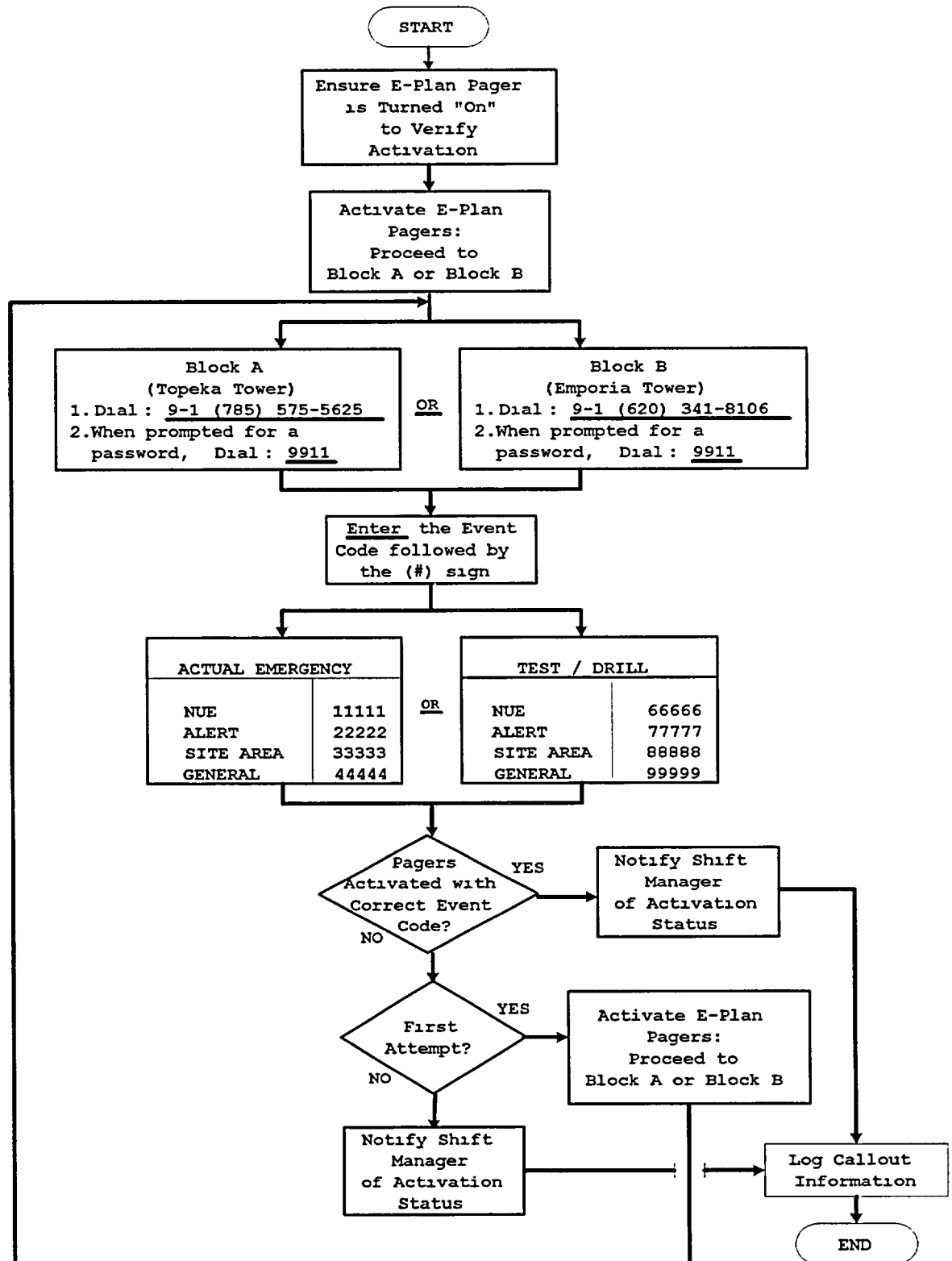
- 8.1 Records generated by this procedure during an actual emergency are considered lifetime QA records and shall be forwarded to Emergency Planning at the termination of the emergency.
- 8.2 Records generated by this procedure during drills or exercises are considered non-QA records and shall be forwarded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

9.0 FORMS

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

- END -

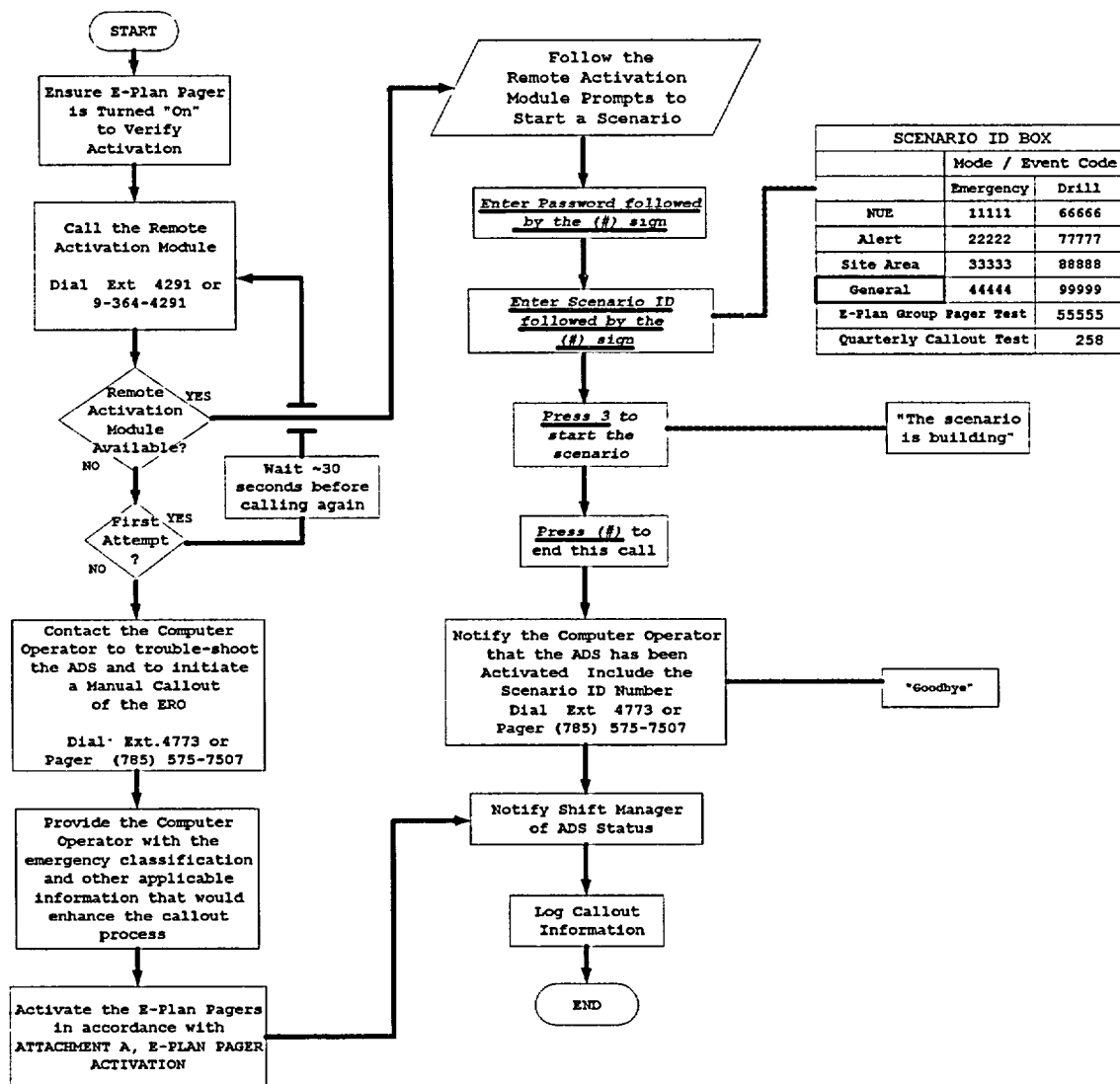
ATTACHMENT A
(Page 1 of 1)
E-PLAN PAGER ACTIVATION



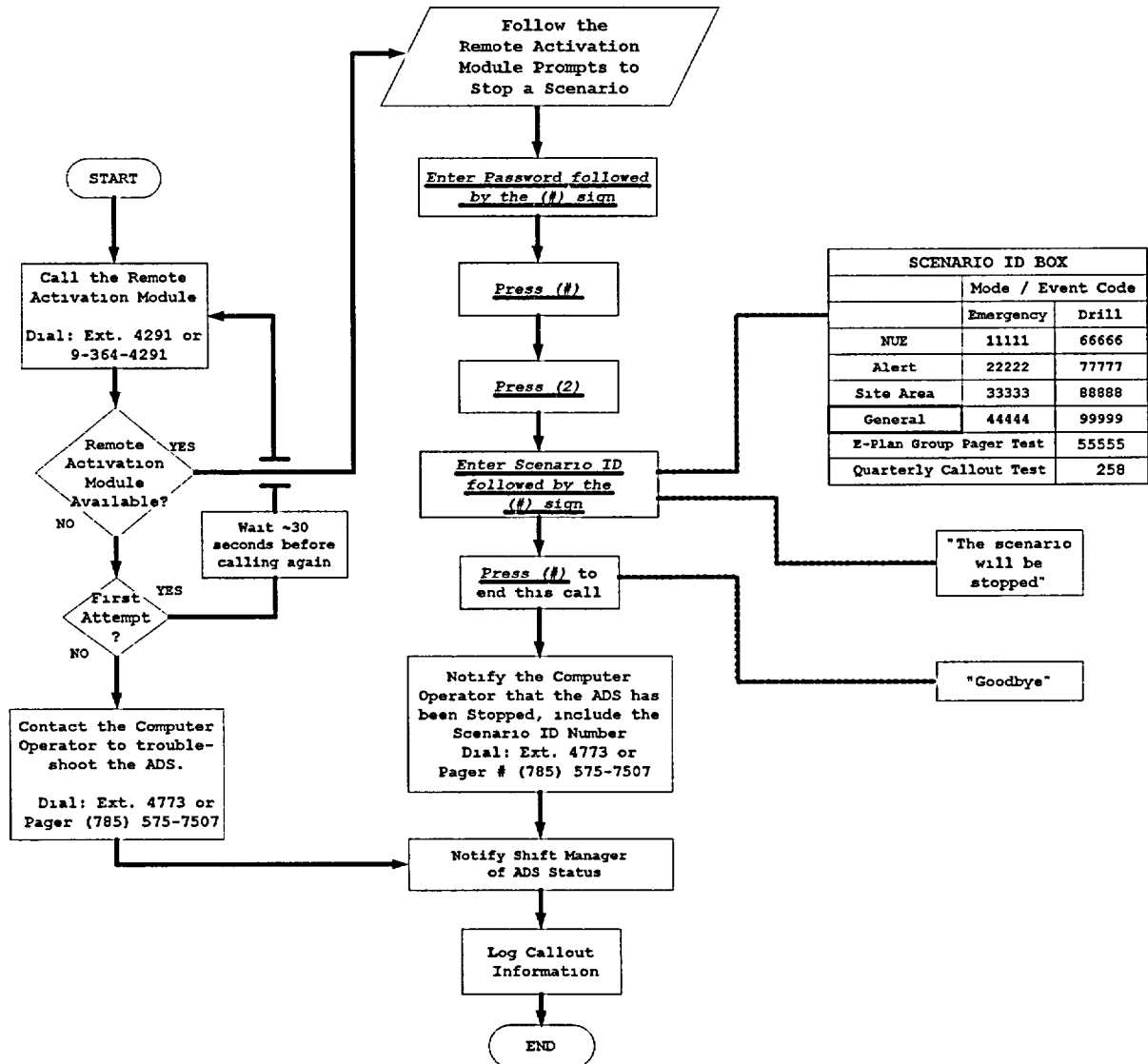
ATTACHMENT B
(Page 1 of 1)
ADS ACTIVATION

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.
- o The Pager Event Code matches the Scenario ID for drills and emergencies. For callout tests, further direction is provided upon ADS activation.



ATTACHMENT C
(Page 1 of 1)
ADS COMPLETION



- END -

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ATTACHMENT D
(Page 1 of 1)
EMERGENCY RESPONSE CALLOUT

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)

- END -

WOLF CREEK GENERATING STATION EMERGENCY NOTIFICATION1. **STATUS:** ☐ ACTUAL ☐ DRILL2. **CODE WORD** (County/State only): _____3. **NOTIFICATION TYPE:**☐ IMMEDIATE (Steps 1-8, & 13) ☐ FOLLOWUP (ALL)4. **EMERGENCY CLASSIFICATION:**

TIME: _____ DATE: ____/____/____

☐ UNUSUAL EVENT ☐ ALERT ☐ SITE AREA
☐ GENERAL ☐ RECOVERY ☐ TERMINATION
5. **REASON FOR CLASSIFICATION:** (EAL)
☐ 1-RER ☐ 2-SGTF ☐ 3-LRCB ☐ 4-MSLB
☐ 5-FEF ☐ 6-LEP/AC ☐ 7-FHA ☐ 8-SSFM
☐ 9-LPC/SC ☐ 10-FR ☐ 11-NP ☐ 12-OH
☐ 13-ADM

EAL Step Numbers _____

6. **METEOROLOGICAL DATA:**

WIND: AT: _____ MPH, FROM: _____ TOWARDS: _____ Degrees

STABILITY CLASS: _____ PRECIPITATION: ☐ YES ☐ NO7. **RADIOLOGICAL RELEASE STATUS:**
☐ NONE ☐ PLANNED ☐ MONITORED
☐ TERMINATED ☐ UNPLANNED ☐ UNMONITORED
 (If NONE, N/A steps 10, 11, & 12 for Follow-up Notifications)
8. **PROTECTIVE ACTION RECOMMENDATION:** ☐ N/A

If making a PAR only, TIME OF PAR _____

☐ CCL & JRR 0-2 MILES: ☐ CTR2-5 MILES ☐ N-1 ☐ NE-1 ☐ E-1 ☐ SE-1☐ S-1 ☐ SW-1 ☐ W-1 ☐ NW-15-10 MILES: ☐ N-2 ☐ NE-2 ☐ NE-3 ☐ E-2☐ SE-2 ☐ SE-3 ☐ SE-4 ☐ S-2☐ SW-2 ☐ W-2 ☐ NW-2> 10 MILES: ☐ DISTANCE FROM PLANT: _____ MILES9. **CURRENT PLANT CONDITION:** ☐ IMPROVING ☐ STABILIZED ☐ DEGRADING TIME REACTOR TRIPPED _____
 10. **FIELD TEAM DATA:** ☐ Not Available; Time Collected: _____ At _____ Miles From CTMT =
 _____ mR/hr GAMMA, _____ (uCi/cc) IODINE, _____ (uCi/cc) PART.

 11. **RELEASE RATE:** Release Start Time: _____ Estimated Total Release Time In Hours: _____
 At (Time) _____ Release Rate = _____ Ci/Sec NOBLE GAS and _____ Ci/Sec RADIOIODINE
12. **CENTERLINE DOSES (Based on):**
☐ RAD MONITORING SYSTEM ☐ USAR SOURCE TERM ESTIMATE ☐ FIELD TEAM MONITORING DATA

	INTEGRATED DOSES PROJECTED (TIME): RELEASE START		RELEASE STOPPED
	TEDE (REM)		THYROID (REM)
EAB			
2 MI			
5 MI			
10 MI			

COMMENTS: [Commitment Step 3.2.1] _____

13. **NOTIFICATION APPROVAL:** _____

Signature

Title

(FOR WCNO USE ONLY)	PRIMARY CONTACT	ALTERNATE CONTACTS		PERSON/TIME
COFFEY COUNTY SHERIFF	620-364-2123	STATION RADIO	KHP 785-827-4437	
KANSAS DIVISION OF EMERGENCY MANAGEMENT	785-296-3176 LEAVE MESSAGE	STATE RADIO	STATE EOC ACTIVATED 785-274-1422	
NRC RESIDENT INSPECTOR	OFFICE EXT. 4574	FRANK BRUSH Cell: 620-343-0577 Home: 620-364-3631 NRC PAGER 816-466-5209		
TOPEKA SYSTEM DISPATCH	785-575-6078			
ANI (ALERT OR HIGHER)	860-561-3433; OFF HOURS LEAVE MESSAGE			
INPO (ALERT OR HIGHER)	800-321-0614			

TEAM DEBRIEF

DATE: / / TEAM ID: TIME RETURNED:

TASK COMPLETED (Y/N) STATUS:

CONFIRMATION OF ROUTE:

ASSESSMENT OF DAMAGE/ASSIGNMENT:

UNUSUAL / SPECIAL OBSERVATIONS:

Ensure team members log dose received on EPF 06-013-01, EMERGENCY
EXPOSURE TRACKING LOG, at completion of this debrief.

COMPLETED BY: /
TEAM LEADER TIMEREVIEWED BY: /
TEAM DIRECTOR TIME

ANS THUNDERBOLT SIREN ANNUAL MAINTENANCE**1.0 Thunderbolt Sirens**

SIREN IDENTIFIER/LOCATION

/ /
DATE

- 1.1 Check the box for each step as it is performed in accordance with EPP 06-019, TESTING AND MAINTENANCE OF ALERT AND NOTIFICATION SYSTEM SIRENS, sub-steps of 7.3.2. IF...THEN steps may be marked N/A if actions are not performed.

COMPLETED

- | | |
|--|--------------------------|
| 1. OPEN Power Supply Disconnect | <input type="checkbox"/> |
| 3. Cleaned and lubricated | <input type="checkbox"/> |
| 4. Blower drive belts examined | <input type="checkbox"/> |
| 4. Blower drive belts replaced | <input type="checkbox"/> |
| 5. Blower drive belts tension checked | <input type="checkbox"/> |
| 5. Blower drive belts tightened | <input type="checkbox"/> |
| 6. Blower oil changed and grease added | <input type="checkbox"/> |
| 6. Blower motor bearings lubricated | <input type="checkbox"/> |
| 7. Blower cover installed | <input type="checkbox"/> |
| 8. Electrical control box gasket inspected | <input type="checkbox"/> |
| 8. Moisture found | <input type="checkbox"/> |
| 8. Gasket replaced | <input type="checkbox"/> |
| 8. Proper relay contact | <input type="checkbox"/> |
| 9. Remove cover(s) from rotator housing | <input type="checkbox"/> |
| 10. Rotator drive belt examined | <input type="checkbox"/> |
| 10. Rotator drive belt replaced | <input type="checkbox"/> |
| 11. Rotator drive belt tension checked | <input type="checkbox"/> |
| 11. Rotator drive belt tightened | <input type="checkbox"/> |
| 12. Rotator gear reducer housing oil changed | <input type="checkbox"/> |
| 13. Rotator gears cleaned and greased | <input type="checkbox"/> |
| 14. Replaced rotator housing cover(s) | <input type="checkbox"/> |

ANS THUNDERBOLT SIREN ANNUAL MAINTENANCE

- | | |
|---|--------------------------|
| 15. Removed covers from butterfly valves | <input type="checkbox"/> |
| 15. Butterfly valve spring and movement checked | <input type="checkbox"/> |
| 16. Replaced butterfly valve covers | <input type="checkbox"/> |
| 17. Horn projector opening screen checked | <input type="checkbox"/> |
| 17. Horn projector opening screen replaced | <input type="checkbox"/> |
| 18. Painted surfaces inspected | <input type="checkbox"/> |
| 19. Siren is vertical | <input type="checkbox"/> |
| 20. Power Supply Disconnect CLOSED | <input type="checkbox"/> |
| 21. Growl test performed | <input type="checkbox"/> |

COMMENTS: _____

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slight shadow on the right side, suggesting it's resting on a surface.

Performed By: _____ / /
 Print Name Signature Date

Reviewed By: _____ / _____ / _____
 Print Name Signature Date

Forward copy of completed forms to Emergency Planning.

ANS PENETRATOR 50 SIREN ANNUAL MAINTENANCE

1.0	Penetrator 50 Sirens	SIREN IDENTIFIER/LOCATION	DATE
1.1	Check the box for each step as it is performed in accordance with EPP 06-019, TESTING AND MAINTENANCE OF ALERT AND NOTIFICATION SYSTEM SIRENS, sub-steps of 7.3.3. <u>IF...THEN</u> steps may be marked N/A if actions are not performed.		
			COMPLETED
	1. OPEN Power Supply Disconnect		<input type="checkbox"/>
	2. Electrical control box gasket inspected		<input type="checkbox"/>
	2. Moisture found		<input type="checkbox"/>
	2. Gasket replaced		<input type="checkbox"/>
	2. Proper relay contact		<input type="checkbox"/>
	3. Siren motor meggered		<input type="checkbox"/>
	4. Removed rotator housing cover		<input type="checkbox"/>
	5. Rotator drive chain examined		<input type="checkbox"/>
	5. Rotator drive chain replaced		<input type="checkbox"/>
	6. Rotator drive chain greased		<input type="checkbox"/>
	7. Rotator gear reducer housing oil changed		<input type="checkbox"/>
	8. Rotator gears cleaned and greased		<input type="checkbox"/>
	9. Replaced rotator housing cover		<input type="checkbox"/>
	10. Horn projector opening screen checked		<input type="checkbox"/>
	10. Horn projector opening screen replaced		<input type="checkbox"/>
	11. Painted surfaces inspected		<input type="checkbox"/>
	12. Siren is vertical		<input type="checkbox"/>
	13. Disconnect CLOSED		<input type="checkbox"/>
	14. WC2 cabinet containing inverter OPEN		<input type="checkbox"/>
	15. Growl test performed		<input type="checkbox"/>
	16. Observed fan rotation		<input type="checkbox"/>

17. WC2 cabinet containing inverter CLOSED

Performed By: _____ / /
 Print Name Signature Date

Reviewed By: _____ / /
 Print Name Signature Date

Forward copy of completed forms to Emergency Planning.