

WOLF CREEK

NUCLEAR OPERATING CORPORATION

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OCT 16 2000

CO 00-0061

U. S. Nuclear Regulatory Commission
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Subject: Docket No. 50-482: Changes to Wolf Creek Generating Station (WCGS)
Radiological Emergency Response Plan Implementing Procedures and Forms

Gentlemen:

In accordance with 10 CFR 50, Appendix E, enclosed are revised Wolf Creek Generating Station implementing procedures and forms.

Procedures

Effective September 21, 2000

- EPP 06-010, Revision 3
- EPP 06-012, Revision 3 (corrected copy)

Forms

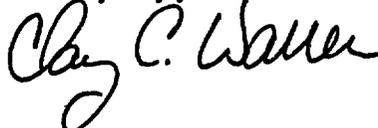
Effective September 21, 2000

- EPF 06-018-01, Revision 2
- EPF 06-018-02, Revision 1
- EPF 06-018-04, Revision 1
- EPF 06-018-05, Revision 1
- EPF 06-018-10, Revision 2

The attachment provides a change summary of these documents.

If you have any questions concerning this submittal, please contact me at (316) 364-4048, or Mr. Tony Harris at (316) 364-4038.

Very truly yours,



Clay C. Warren

CCW/rir

Enclosures
Attachment

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A045

Summary of Procedure Changes

EPP 06-010, Revision 3, "Personnel Accountability and Evacuation"

Section 4.0, Corrected step numbering.

Step 7.4.4, Changed "shall" to "should," as habitability may not allow posting a person at the main gate. Changed "Security Coordinator" to "Security Shift Lieutenant."

Step 7.4.4.1, Changed step to "Authorization for on-site entrance by personnel should be as directed by the Site Emergency Manager."

Step 7.5.1.1, Deleted the step, since the new Security computer system can provide needed data for accountability without limiting the ACAD badge numbers to under 2000.

EPP 06-012, Revision 3, "Dose Assessment." (Corrected copy)

Steps 3.2.1 and 6.4.1, A commitment in this procedure was evaluated as being no longer relevant to the E-Plan program, and was deleted from this procedure.

Step 6.1, The Dose Assessment Program was updated to revision 2.1.

Step 7.2.9.2 a 2) a), Changed the referenced commitment step from 3.2.2 to 3.2.1.

Summary of Form Changes

EPF 06-018-01, Revision 2, "Information Clearinghouse Inventory Checklist"

Deleted requirement reference to check seal quarterly/inventory annually. No items on the checklist meet this criteria.

Added power strips as requirement in Locker #1, as these are used to maintain a charge for the hand-held radio batteries.

Updated quantity requirements for Information Clearinghouse—Wolf Creek and IC Computer Cabinet items.

Deleted requirement for computer modem; the LAN connection makes the modem unnecessary.

Formatting changes to increase efficiency.

EPF 018-02, Revision 1, "Media Center Inventory Checklist"

Deleted requirement reference to check seal quarterly/inventory annually. No items on the checklist meet this criteria.

Moved Motorola Radio requirement to EPF 06-018-10, Revision 2.

Changed "Topeka" phone book to "Phone Books" to use generic publications.

Added requirement for scotch tape for Media Registration Cart in Topeka.

Formatting changes to increase efficiency.

EPF 06-018-04, Revision 1, "Offsite Medical Emergency Supplies Inventory Checklist"

Added "Radioactive Material Bags" for Newman Memorial County and Coffey County hospitals.

Under Radiological Supplies, updated form title to "Personnel Survey Form."

Added note to indicate State of Kansas may supply PICs.

EPF 06-018-05, Revision 1, "Control Room Inventory Checklist"

Removed "Emergency Classification Manual" from the inventory as these binders are controlled by Document Services. This is consistent with EOF and TSC inventory checklists.

Removed note on "CR HP" and "CR Chem Tech" manuals, as these are required to be in the cabinet.

Formatting changes to increase efficiency.

EPF 06-018-10, Revision 2, "Phone Team Inventory Checklist"

Deleted requirement reference to check seal quarterly/inventory annually. No items on the checklist meet this criteria.

Added Motorola Radios previously in EPF 018-02.

Split TV and VCR into two line items.

WOLF CREEK

NUCLEAR OPERATING CORPORATION

EPP 06-010

PERSONNEL ACCOUNTABILITY AND EVACUATION

Responsible Manager

Manager Resource Protection

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

DC2 09/21/2000

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1.0 PURPOSE

1.1 This procedure provides guidance for personnel accountability in the event of a Personnel Accountability Assembly or Exclusion Area Evacuation at Wolf Creek Generating Station (WCGS) and for the process of Exclusion Area Evacuation.

2.0 SCOPE

2.1 This procedure is implemented following the declaration of an Alert or higher Emergency at WCGS. The Shift Manager or Site Emergency Manager may, at their discretion, direct the implementation of this procedure at a lesser classification.

3.0 REFERENCES AND COMMITMENTS

3.1 References

3.1.1 EPP 06-001, CONTROL ROOM OPERATIONS

3.1.2 EPP 06-002, TECHNICAL SUPPORT CENTER OPERATIONS

3.2 Commitments

3.2.1 None

4.0 DEFINITIONS

4.1 Emergency Response Organization (ERO)

4.1.1 Group of personnel assigned to perform designated duties at an Emergency facility during a declared emergency.

4.2 Exclusion Area

4.2.1 That area surrounding the Containment building to a distance of 1200 meters.

4.3 Exclusion Area Evacuation

4.3.1 Evacuation of all personnel not performing ERO duties from the Exclusion Area.

4.4 Personnel Accountability Assembly

4.4.1 An assembly of all non-ERO personnel in the Protected Area for the purpose of accountability following the declaration of an Alert or higher emergency classification.

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4.5 Primary Access Control Station (PACS)

4.5.1 Main Security Building where access to the Protected Area is controlled.

4.6 Protected Area

4.6.1 That area around the plant which is encompassed by physical barriers and to which access is controlled for security purposes.

4.7 Records

4.7.1 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.

4.8 Secondary Access Facility (SAF)

4.8.1 Secondary building where access to the Protected Area is controlled.

5.0 RESPONSIBILITIES

5.1 Shift Manager

5.1.1 Ensuring personnel assigned to or dispatched from the Control Room are accounted for and reported to Security upon initiation of this procedure.

5.2 Site Emergency Manager

5.2.1 Ensuring personnel assigned to or dispatched from the Technical Support Center (TSC) are accounted for and reported to Security upon initiation of this procedure.

5.3 Security Shift Lieutenant (SSL)

5.3.1 Ensuring accountability is performed and reported to the appropriate facility.

5.3.2 Ensuring the Exclusion Area is evacuated when the Exclusion Area Evacuation is initiated.

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6.0 PRECAUTIONS/LIMITATIONS

- 6.1 Individuals requiring an escort remain with their escort at all times until exiting the protected area.
- 6.2 Personnel not assigned to an onsite emergency facility must exit the Protected Area.
- 6.3 Personnel accountability must be accomplished within 30 minutes of notification to perform accountability.
- 6.4 The Exclusion Area, outside the Protected Area Boundary (PAB), must be evacuated within two hours of the initiation of an Exclusion Area Evacuation.
- 6.5 At the initiation of an Exclusion Area Evacuation, the necessary radiological support for evacuating personnel will be provided by the TSC.
- 6.6 At the initiation of an Exclusion Area Evacuation, main gate north should be manned by Security to control access to the plant.

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7.0 PROCEDURE

7.1 Initiating Personnel Accountability

- 7.1.1 Personnel accountability is initiated by sounding the Site Evacuation Alarm and making the appropriate announcement.
- 7.1.2 Personnel performing work in the plant that is critical to the emergency may be exempt from evacuating. Those exempted personnel are included in Control Room accountability.
- 7.1.3 WHEN personnel accountability is completed, THEN ensure that search and rescue operations are initiated for unaccounted personnel. Search and rescue in areas within the Protected Area Boundary (PAB) are initiated from the TSC. Search and rescue in areas outside the PAB but, within the exclusion area, are initiated by Security.
- 7.1.4 Personnel shall not re-enter evacuated areas unless specifically authorized by the Shift Manager, Site Emergency Manager, or their designee.
- 7.1.5 In the event that parking lots or personal vehicles become contaminated, the Site Emergency Manager ensures that alternate assembly points are designated and that arrangements for alternate transportation are made for evacuating personnel.

7.2 Personnel Accountability Assembly

NOTE

Accountability results shall be reported to the TSC no later than 30 minutes of the announcement to perform a site accountability.

- 7.2.1 The Security Shift Lieutenant shall log the time and message on EPF 06-010-02, SECURITY E-PLAN RESPONSIBILITIES CHECKSHEET, when personnel accountability is to be initiated.
- 7.2.2 The Security Shift Lieutenant shall direct initiation of personnel accountability.
- 7.2.3 IF an Alert or higher is declared, THEN the Security Shift Lieutenant shall ensure that TLD's and PIC's are issued to Security personnel.
 - 1. The issue of TLD's shall be logged on RPF 03-105-1, TLD ISSUE LOG.

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7.2.4 The Security Shift Lieutenant shall direct a member of the Security Force to walk through and make facility notifications in the Edward P. McCabe Support Building, 1st floor, north half of building.

7.2.5 IF the exit card readers are not operable, THEN the Security Shift Lieutenant shall direct an armed security officer to open the exit door and to collect exiting personnel's ACAD.

7.2.6 The Security Shift Lieutenant shall obtain a list of all personnel within the PAB from the Security Computer for comparison with the reports from each emergency response facility of ERO personnel present.

7.2.7 To perform accountability the Security Shift Lieutenant should ensure the following is performed:

1. Obtain ACAD badge numbers of personnel under the control of, but not physically in, the Control Room, TSC and Secondary Alarm Station.
2. WHEN the majority of personnel have cleared the turnstiles, THEN initiate and print the Emergency Accountability Report. On the printed report, line out the ACAD badge numbers reported from the Control Room, TSC and Secondary Alarm Station. Those ACADs not lined off on the list are unaccounted for.

7.2.8 The Security Shift Lieutenant shall report the results of the accountability to the TSC. Report all unaccounted for personnel and the last location known.

7.2.9 During PAB exiting, notify the TSC Radiological Coordinator of any possible contaminated individuals.

7.3 Personnel Accountability

7.3.1 The Shift Manager ensures the ACAD badge numbers of personnel performing critical work for the emergency are reported to PACS within 30 minutes of the announcement to perform a site accountability.

7.3.2 The Security Shift Lieutenant ensures the ACAD badge numbers of Security personnel are reported to PACS within 30 minutes of the announcement to perform a site accountability.

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7.4 Exclusion Area Evacuation

- 7.4.1 WHEN an the Exclusion Area Evacuation is initiated, THEN the Site Evacuation Alarm will sound and be followed by the Exclusion Area Evacuation Announcement.
- 7.4.2 Ensure site evacuation route maps are placed at an accessible location at PACS and SAF.
- 7.4.3 The Security Shift Lieutenant directs the search of personnel outside the PAB but within the Exclusion Area. The evacuation should be completed within two hours of the announcement to evacuate. Personnel shall be directed per the plant evacuation announcement.
- 7.4.4 The Security Shift Lieutenant should post a member of the Security Force at Main Gate North to restrict access to all personnel. All personnel entering main gate north should be stopped and entrance should be approved by the Security Shift Lieutenant.
1. Authorization for on-site entrance by personnel should be as directed by the Site Emergency Manager.
- 7.4.5 The Security Shift Lieutenant shall advise the TSC Administrative Coordinator when the Exclusion Area Evacuation has been completed.

7.5 Continued Personnel Accountability

- 7.5.1 The Security Shift Lieutenant maintains accountability by ensuring that all personnel entering the PAB are authorized.
1. After the TSC is activated all personnel shall be authorized by the Security Coordinator.
 2. The Security Coordinator shall communicate with the Site Emergency Manager on authorizing personnel to enter the PAB.

8.0 INITIAL ACTIONS

8.1 None

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9.0 SUBSEQUENT ACTIONS

9.1 None

10.0 RECORDS

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

10.2 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.

11.0 FORMS

11.1 EPF 06-010-01, ACCOUNTABILITY LOG

11.2 EPF 06-010-02, SECURITY E-PLAN RESPONSIBILITIES CHECKSHEET

- END -

CORRECTED COPY 09/21/2000



EPP 06-012

DOSE ASSESSMENT

Responsible Manager

Manager Resource Protection

Revision Number	3
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 guidance for determining release rates and for estimating offsite dose to the Whole Body and Thyroid.

2.0 SCOPE

2.1 The estimated release rate, total release values, offsite dose rates, and integrated doses to the Whole Body and Thyroid, are used in conjunction with EPP 06-006, PROTECTIVE ACTION RECOMMENDATIONS, as one basis for determining offsite protective actions to be recommended to State and County Officials.

3.0 REFERENCES AND COMMITMENTS

3.1 References

- 3.1.1 CHS AX-G01, SAMPLING OF UNIT AND RADWASTE VENTS FOR RADIOACTIVE GAS AND TRITIUM
- 3.1.2 EPP 06-006, PROTECTIVE ACTION RECOMMENDATIONS
- 3.1.3 EPP 06-009, DRILLS AND EXERCISE REQUIREMENTS
- 3.1.4 EPP 06-011, EMERGENCY TEAM FORMATION AND CONTROL
- 3.1.5 EPP 06-013, EXPOSURE CONTROL AND PERSONNEL PROTECTION
- 3.1.6 Radiological Emergency Response Plan (RERP)
- 3.1.7 Regulatory Guide 1.109, "Calculation of Annual Doses to Man from Routine Release of Reactor Effluents for the Purpose of Evaluating Compliance with 10CFR50, Appendix I", (Rev. 1, October, 1977)
- 3.1.8 Regulatory Guide 1.111, "Methods for Estimating Atmospheric Transport and Dispersion of Gaseous Effluents in Routine Releases from Light Water Cooled Reactors", (Rev. 1, July 1977)
- 3.1.9 Regulatory Guide 1.145, "Atmospheric Dispersion Models for Potential Accident Consequence Assessments at Nuclear Power Plants", (August, 1979)
- 3.1.10 Regulatory Guide 1.23, "Meteorological Programs in Support of Nuclear Power Plants," (September, 1980)
- 3.1.11 Regulatory Guide 1.4, "Assumptions Used for Evaluating the Potential Radiological Consequences of a Loss of Coolant Accident for Pressurized Water Reactors", (Rev. 2, June 1974)

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3.2 Commitments

3.2.1 ITIP 00101 (SOER 83-02, Recommendation R12)

4.0 DEFINITIONS

4.1 Emergency Planning Zone (EPZ)

4.1.1 The area around WCGS in which emergency preparedness planning is conducted. The plume exposure EPZ has a radius of approximately 10 miles. The ingestion exposure pathway EPZ has a radius of about 50 miles.

4.2 Exclusion Area

4.2.1 That area within a 1200-meter radius surrounding WCGS in which WCNOG has the authority to determine all activities including exclusion or removal of persons and property from the area.

4.3 Integrated Dose

4.3.1 The amount of ionizing radiation that has been received during a given period of time by a population or group.

4.4 Pasquill Atmospheric Stability Classifications

4.4.1 Are measures of the stability or instability of an air mass based upon the vertical temperature differential between two points.

4.5 Projected Dose

4.5.1 The amount of ionizing radiation that is likely to be received by a population or group if no protective action measures are implemented.

4.6 Projected Integrated Dose

4.6.1 The summation of the Integrated Dose (previous) and the Projected Dose (future).

4.7 Protective Actions

4.7.1 Those emergency measures taken to minimize or prevent radiological exposures to personnel.

4.8 Release Rate

4.8.1 The quantity of radioactive material released to the environment expressed in curies per second (Ci/sec).

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4.9 Source Term

4.9.1 The calculated quantity of radioactive material available for or being released to the environment.

4.10 X/Q

4.10.1 A factor based on meteorological dispersion characteristics which relates atmospheric radionuclide release rates to offsite air concentrations.

4.11 Nuclear Plant Instrument System (NPIS)

4.11.1 A plant monitoring tool designed to view critical systems and components during normal and accident conditions.

4.12 Dose Assessment Program

4.12.1 A computer program developed at Wolf Creek designed to use site-specific source terms in the performance of Dose Assessment during an accident condition.

5.0 RESPONSIBILITIES

5.1 Shift Manager

5.1.1 Prior to activation of the Emergency Operations Facility (EOF), assures the Shift Chemist implements this procedure.

5.2 Radiological Coordinator

5.2.1 IF vent monitor(s) are inoperable THEN considers dispatching Plant Team(s) to collect appropriate samples.

5.3 Shift Chemist

5.3.1 At the declaration of an ALERT or higher emergency classification reports to the Control Room to perform emergency dose calculations in accordance with this procedure.

5.4 Dose Assessment Coordinator

5.4.2 Recommends that Offsite Monitoring Teams be dispatched to determine offsite dose rates in accordance with EPP 06-011, EMERGENCY TEAM FORMATION AND CONTROL.

5.4.3 Informs the appropriate TSC or EOF management of the dose rate and projected integrated TEDE and Thyroid doses.

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5.5 Dose Assessment Technician

5.5.1 Performs emergency dose calculations in accordance with this procedure.

6.0 PRECAUTIONS/LIMITATIONS

6.1 To confirm that the correct version of the Dose Assessment Program is in use, open the Dose Assessment Program, then click on 'Help' and 'Help About'. The correct version currently in use is Rev. 2.1. If the correct version is not loaded on your computer, it should be removed from your hard drive.

6.2 Offsite dose projection calculations should be performed at least once per hour during the first eight hours after the accident unless it is determined that releases of airborne radioactivity from the plant have been terminated.

6.3 Offsite dose projection calculations should be updated if any of the following conditions occur:

6.3.1 Release rate increases by more than 25 percent.

NOTE

Use 15 minute MET data averages for minor wind direction changes.

6.3.2 Wind direction changes by more than 22.5°.

6.3.3 Atmospheric stability classification changes.

6.3.4 Wind speed changes by more than 50 percent.

6.3.5 Prior to any planned releases.

6.4 IF a radiological release is already in progress before a dose assessment calculation is performed, THEN be sure to look at historical release data / trend on the NPIS to determine the maximum release rate, monitor readings, and meteorological conditions.

6.4.1 IF this is not done THEN an under estimation of an emergency dose projection can occur.

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7.0 PROCEDURE

7.1 Program Description

NOTES

- o Tab and Shift Tab key manipulations may be used to move through a Model Screen.
- o Commonly practiced window manipulations may also be used to move through the program.

7.1.1 The following models may be selected by selecting MODELS on the tool bar.

1. Release Rate Model
2. Design Basis Accident (DBA)
3. SG Tube Rupture
4. Radiation Monitoring System
5. Field Team Data
6. Containment Release

7.1.2 Information

1. Selection of the INFORMATION heading on the tool bar allows access to the following screens:
 - a. Dose Projection Report/Dose by Subzone
 - b. Model Screen
 - c. Source Term
 - d. Protective Action Recommendations
 - e. NPIS Information
2. The Dose Projection Report/Dose by Subzone and Model Screen options allow the user to toggle between the two report screens of the program.
 - a. The Model Screen includes:
 - 1) MET data section
 - 2) Release data section
 - 3) Performed/Verified signature section

- 4) Release start time
 - 5) Calculation result section:
 - a) Particulate, Noble Gas and Iodine release rates.
 - b) Projected Centerline Dose Segment -- the results of the data entered above but not summed.
 - 6) PAR section which is based on the Projected Dose Segment as well as the summed doses.
 - a) Only evacuation recommended subzones are listed.
- b. Dose Projection Report/Dose by Subzone Screen includes:
- 1) Dose Rate to the Whole Body and Thyroid for Exclusion Area Boundary (EAB), 2, 5, and 10 miles in Roentgen per hour (R/hr).
 - 2) Plume arrival time in minutes for EAB, 2, 5, and 10 miles based on wind speed.
 - 3) Estimated hours until evacuation necessary for EAB, 1 R TEDE or 5R thyroid.
 - 4) A list of both TEDE and Thyroid Dose for each subzone.
3. The source term option allows manipulation of DCF information.
- a. The source term enables the user to alter the distribution from the USAR Gap and default activities.
- 1) Selection of the Activity heading on the source term screen tool bar allows the user to zero all activities for manual entry or to return to USAR Gap activities.
 - 2) Selection of the File heading on the source term screen tool bar allows for data file manipulation.

NOTE

If the containment spray is selected, the program will inquire whether the spray has been on for 30 minutes or more. If the spray has been on for 30 minutes or more, the filtration factor will be utilized; if not, the filtration factor will not be applied.

- b. Two additional nuclide distribution factors are available on the source term screen, HEPA filters and Containment Spray.
 - 1) A "Y" entry in the HEPA Filter Box reduces the Iodine Activity 90%. That is, 10% of the Iodine activity is released to the public.
 - 2) A "Y" entry in the Containment Spray Box reduces the Iodine Activity available for release by 75%. That is, 25% of the Iodine activity is released to the public.
 - 3) If both HEPA Filter and Containment Spray are answered "Yes", the Iodine Activity used in the offsite dose projections is reduced to 2.5% of its original activity level.
 - 4) Prior to performing real time calculations, the user must remember to check the source term screen values to ensure projection source term values are appropriate.
4. PARs selection from the Information Menu Bar provides information for review of Protective Action Recommendations.
5. The NPIS Info selection is not available at this time.

NOTE

The notification form can only be printed if THE DOSE ASSESSMENT PROGRAM is running from the LAN.

6. The File Menu bar provides options to print the Notification form and calculation worksheet.

7.1.3 Data

1. Selection of Data from the Menu Bar allows selection of the following actions:

- a. Sort Dose by Subzone
 - b. Perform Calculations
 - c. Sum Dose
2. The Sort Dose by Subzone and Sum Dose actions are self-explanatory.

7.1.4 Calculations

1. The Perform Calculations selection allows the user to choose one of four calculations types:
 - a. Calculation Type One - UPDATE NPIS INFORMATION ONLY -- Updating the NPIS available information with current plant information. This calculation type is available only if the PC is connected to the NPIS.
 - b. Calculation Type Two - NPIS DATA ONLY -- The offsite doses will be calculated using only the actual plant data from NPIS. Any manually altered data will be OVERWRITTEN. This calculation type is available only if the PC is connected to the NPIS.
 - c. Calculation Type Three - MANUALLY ENTERED DATA -
- The offsite doses will be calculated using the data displayed on the Model Screen.
 - d. Calculation Type Four - MANUALLY ENTERED "UNOFFICIAL" DATA -- The offsite doses are calculated using all the data from the previous screen as in Calculation type three above. The difference is this calculation prints "Unofficial" on the report as a flag to all users.

7.2 Program Use

- 7.2.1 The Dose Assessment Program will normally be operated from an Icon in program manager. The program is also available on I:\Shared\Info\Help\EDCP.EXE.
- 7.2.2 Select a Release Model from the Model Item on the Menu Bar.
- 7.2.3 Dose calculations may now be performed. Menu items necessary for operation of the program are selected from the Menu Bar.

NOTE

On a total loss of offsite power, certain radiation monitors are still available. See ATTACHMENT B for more information.

7.2.4 Obtain the following information:

1. Plant Status
2. MET data
3. Process Monitor data
4. Effluent Flow rate data

-OR-

5. If no data is available perform a DESIGN BASIS RCS LOCA using:
 - a. DBA Release Rate
 - b. Unfiltered Release Pathway
 - c. Stability Class D for daytime or Stability Class F for night time

-OR-

- d. If the accident is deemed to be outside of Design Basis and is rapidly escalating, recommend to the Emergency Manager to use EPP 06-006, PROTECTIVE ACTION RECOMMENDATIONS.

7.2.5 Dose Assessment Program MET Information

1. Wind speed can be input as mph, kph, or mps by double-clicking within the box surrounding the input description until the appropriate description is displayed.
2. Projected release duration and time since reactor trip can both be input as hrs., mins., or days by double-clicking within the box surrounding the input description until the appropriate description is displayed.
3. A Stability Class-Wind Speed/Weather Conditions Help Screen is available by double-clicking within the stability class input field.

a. The user may generate a stability class by selecting the appropriate weather condition and inputting the proper wind speed.

b. The generated stability class is returned to the Model Screen by selecting FILE EXIT.

7.2.6 Dose Assessment Program Model Operations

1. Steps 7.2.7 through 7.2.12 contain information regarding data entry specific to each model

7.2.7 Option One, Release Rate Model

1. This model allows the user to input Gaseous and Iodine release rates in Ci/sec.
2. The following instructions may be useful in operating the Release Rate Model:
 - a. Gaseous Release Rate may be changed to Total Release Rate by double-clicking within the box surrounding the Gaseous Release Rate.
 - 1) Likewise, the display can be changed to Gaseous Release Rate from Total Release Rate by double-clicking within the box surrounding the total release rate.
 - b. Iodine Release Rate may be changed to a ratio by double-clicking within the box surrounding the Iodine Release Rate.
 - 1) IF the ratio is known, THEN the value can be entered.
 - 2) If the ratio is unknown, a Help Screen may be displayed by double-clicking within the input field for the iodine ratio.
 - 3) Once the user selects the appropriate ratio from the list, FILE EXIT is used to return to the Model Page of the report.
 - 4) The display may be changed back to Iodine Release Rate by double-clicking within the box surrounding Iodine/Noble Gas Ratio.

- c. IF a leak rate (gal/min) and activity ($\mu\text{Ci}/\text{cc}$) is known or can be estimated, THEN the following calculation could be used to determine a release rate:

$$\left(\frac{\mu\text{Ci}}{\text{cc}}\right)\left(\frac{\text{gal}}{\text{min}}\right)\left(\frac{\text{min}}{60\text{s}}\right)\left(\frac{3.785\text{L}}{\text{gal}}\right)\left(\frac{1000\text{cc}}{\text{L}}\right)\left(\frac{\text{Ci}}{1\text{E}6\mu\text{Ci}}\right) = \frac{\text{Ci}}{\text{s}}$$

7.2.8 Option Two, Design Basis Accident (DBA) Model

1. This model allows the user to perform dose calculations based on USAR release rate data for various design accidents.
2. If this option is selected, the user may select from a list of nine DBAs:
 - a. Loss of Coolant
 - b. Main Steam Line Break
 - c. Loss of Offsite AC
 - d. Locked RCP Rotor
 - e. Waste Gas Decay Tank Rupture
 - f. CVCS Break
 - g. SG Tube Rupture
 - h. Fuel Handling Accident
 - i. Control Rod Ejection

NOTE

Use field team data whenever available to provide the most accurate dose estimations.

7.2.9 Option Three, Steam Generator Tube Rupture

1. The SG Tube Rupture Model allows the user to perform dose calculations based on a steam generator tube rupture utilizing steam flow and shine monitor readings.

2. The following instructions may be helpful when performing SG Tube Rupture calculations:

a. Steam generator monitor readings may be input in mR/hr for either a steaming steam generator or a full steam generator.

1) The input description is changed by double-clicking within the box surrounding the input description.

2) Steam generator flow may be input in lbm/hr, thousands of lbm/hr, gph or as a pressure entered by the user.

a) Gallons per hour (gph) should be selected if the steam generator is full of water. This option represents a two-phase or liquid release from the steam generator. [Commitment Step 3.2.1]

b) The input description is changed by double-clicking within the box surrounding the input description.

3) A Steam Generator PORV/Auxiliary Feed Exhaust Help Screen is available by double-clicking either the steam generator monitoring readings or steam generator flow input field.

a) Once the Help Screen is completed, the user can return the averaged flow and monitor readings to the Main Screen by selecting FILE EXIT.

7.2.10 Option Four, Radiation Monitoring System (RMS)

1. The RMS Model allows the user to input data from the unit and/or radwaste vent monitor as well as the vent flow rates to perform offsite dose calculations.

2. The following instructions may be helpful when performing RMS calculations:

a. Gaseous Activity - May be changed to Total Activity by double-clicking within the box surrounding Gaseous Activity.

1) Likewise, if Total Activity is displayed it may be toggled back to Gaseous Activity by using the same technique.

b. Iodine Activity - May be changed to a ratio if necessary by entering the ratio value followed by double-clicking within the box surrounding the Iodine Activity. This is a toggle type of function and may be returned to an activity using the same technique.

- 1) If the ratio is unknown, the value may be entered.
- 2) If the ratio is unknown, once the display has been changed to a ratio input, double-clicking on the associated data field will access a Help Screen.
- 3) Once the user selects the appropriate DBA ratio, FILE EXIT may be used to return the value to the Model Screen.

c. Vent Flow -- may be entered.

- 1) A Help Screen is available by double-clicking the Vent Flow data box.
- 2) Enter the fan status for each fan by entering the status and then pressing Enter.
- 3) Select Vent Totals from the tool bar and total the flows required.
- 4) Select FILE EXIT from the tool bar to forward the value to the Model Screen.

7.2.11 Option Five, Field Team Data Model

1. This model allows the user to input field team dose rates, iodine concentration, particulate concentration and distance information to back calculate the plant release rate and then ultimately the down field doses.
2. The following instructions may be helpful when performing the Field Team dose calculations:

NOTE

The Particulate/Iodine ratio used throughout the Dose Assessment Program is 0.112. If the Particulate/Iodine ratio is selected, unless an entry is made, the value of 0.0 will be used. This option only pertains to the field team model.

- a. Field Team Iodine Concentration may be changed to Iodine/Noble Gas Ratio by double-clicking in the box surrounding Field Team Iodine Concentration. This is a toggle-type function and may be changed back to concentration input using the same technique. By selecting Iodine/Noble Gas Ratio the particulate field will change to Particulate/Iodine Ratio.
 - 1) If the ratio is known, the value may be entered.
 - 2) If the ratio is unknown, once the display has been changed to a ratio input, double-clicking on the associated data field will access a Help Screen.
 - 3) Once the user selects the appropriate ratio, FILE EXIT may be used to return the value to the Model Screen.
- b. Field Team Distance may be toggled between units of miles and kilometers by double-clicking in the box surrounding the Field Team Distance.

7.2.12 Option Six, Containment Release Model

1. This model allows the user to use CHARMSs readings and either a containment DBA rate or a calculated leak rate based on a pressure drop inside containment to perform dose calculations.
2. An Iodine/Noble Gas Ratio Help Screen may be accessed by double-clicking on the associated data section.
 - a. Once the Help Screen is accessed, a ratio may be selected.
 - b. FILE EXIT from the tool bar will forward the ratio to the Model Screen.

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3. Leak Rate may be changed from cfm to either m³/sec or 0.2% per day DBA leak rate by double-clicking in the box surrounding Leak Rate.

a. The HELP Screen for determining leak rate based on Containment Pressure Drop may be accessed by double-clicking on the Leak Rate data field.

- 1) Enter the Initial and Final Containment Pressure as well as the time between pressure readings.
- 2) Select Calculate Leak Rate.
- 3) Return the leak rate value to the Model Screen by selecting FILE EXIT from the tool bar.

7.3 Printer Use

7.3.1 Selection of FILE and PRINT from the tool bar will allow the user to print to a Network printer.

NOTE

There may be error messages received when printing the notification form. In most cases these are due to the PC configuration and not the Dose Assessment Program program. If the program does not abort, then you should get printed output.

7.3.2 The notification form will only print if the PC is connected to the LAN and the user is logged into a server.

8.0 INITIAL ACTIONS

8.1 None.

9.0 SUBSEQUENT ACTIONS

9.1 None.

10.0 RECORDS

10.1 Printouts associated with this procedure are considered records.

10.2 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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10.3 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.

11.0 FORMS

11.1 None

- END -

ATTACHMENT A
(Page 1 of 1)
NPIS SCREEN DISPLAYS

Group Menu - Touch Screen for E-Plan Menu

E-Plan Menu - Touch Screen for one of the following

- | | |
|---|--|
| <p>I STATUS BOARD</p> <ol style="list-style-type: none"> 1. RCS 2. Steam Generators <ol style="list-style-type: none"> a) Levels b) Pressures 3. ECCS 4. Containment <ol style="list-style-type: none"> a) Pressure b) Temperature c) H₂ concentration d) CHARM R/hr <p>Press F3 Key</p> <ol style="list-style-type: none"> 5. Critical Parameters 6. To exit press Group Key | <p>II AREA RAD</p> <ol style="list-style-type: none"> 1. Radiological Status <ol style="list-style-type: none"> a.) <u>MET</u> Data b) Radmonitors µCi/cc <p>Press F2 key</p> <ol style="list-style-type: none"> 2. Area Radmonitors mR/hr and CHARM R/hr 3. To exit press F6 Key |
| <p>III MET TOWER DATA</p> <ol style="list-style-type: none"> 1. Stability Class 2. Wind Speed 3. Wind Direction 4. Vert Temp Difference °F <p>NOTE: To change to °C type
GD MET and press
Enter Key</p> <ol style="list-style-type: none"> 5. To exit press Group Key | <p>IV GROUP DISPLAY</p> <ol style="list-style-type: none"> 1. SGCHEM 1 2. SGCHEM 2 3. SGCHEM 3 4. PORVMSIV, etc. <p>NOTE: a) To trend press F4 Key
b) For the New Group
Display press F5 Key</p> <ol style="list-style-type: none"> 5. To exit press Group Key |

NOTE: Screen Display Color Code

RED - Alarm
YELLOW - Alert
GREEN - Normal
BLUE - Invalid Reading

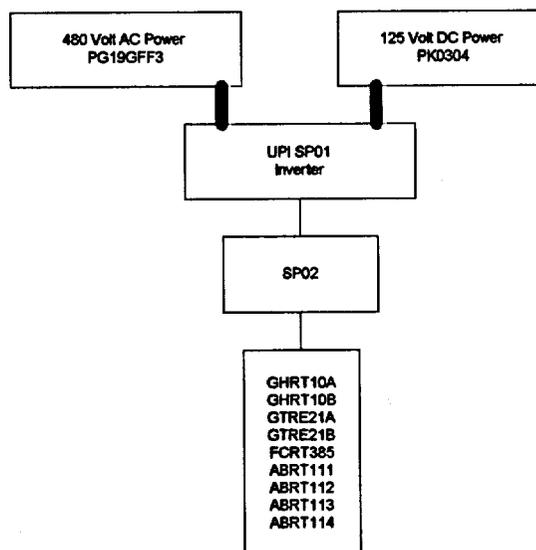
-END-

ATTACHMENT B
(Page 1 of 2)
RADIATION MONITOR INFORMATION

On a total loss of off-site power the following radiation monitors remain operable:

GHRT 10A Radwaste Building Vent - Part & Iodine
 GHRT 10B Radwaste Building Cent - WRGM
 GTRE 21A Unit Vent - Part & Iodine
 GTRE 21B Unit Vent - WRGM
 FCRT 385 Aux. Feedwater Turbine Discharge Monitor
 ABRT 111 Steam Line "D" PORV Discharge Monitor
 ABRT 112 Steam Line "C" PORV Discharge Monitor
 ABRT 113 Steam Line "B" PORV Discharge Monitor
 ABRT 114 Steam Line "A" PORV Discharge Monitor

1. These monitors have as their normal AC power SP02 which is supplied by AC power supply PG19GFF3 (480 Volt AC). This feeds or goes from PG19GFF3 to SP01 Inverter [an UPI] to SP02 to monitors.



ATTACHMENT B
(Page 2 of 2)
RADIATION MONITOR INFORMATION

2. The SP01 Inverter is also fed by a 125 volt DC power PK0304 [plant batteries]. In the event of a loss of offsite power occurs (PG19GFF3) then the inverter (UPI) SP01 still feeds the monitors via SP02.
3. If after a total loss of offsite power, the plant would regain one of the NB buses, then the radiation monitors that are fed from that bus would also be available if flow was restored to the monitor.

NOTE

The Chemistry Technicians may have to remind the Control Room to restore flow to these monitors.

4. If the RM-11 is not available the flow to these monitors will have to be done from their RM-23's. (The RM-11 is not powered by NB bus).

- END -

INFORMATION CLEARINGHOUSE INVENTORY CHECKLIST

REQUIREMENTS (REQ):

1. Inventory
2. Operability Check

Part I	INVENTORY			
Quarter:		Date:		Other:
			Quantity	
Item	REQ	Required	Present	Comments
INFORMATION CLEARINGHOUSE - WOLF CREEK				
Stored In Information Clearinghouse - Room 122				
*Phone Book	1	2		
*Dictionary	1	1		
*Ruled Paper	1	16 pads		
*Desk Name Plates w/holder				
Public Information Mgr.	1	1		
Technical Support	1	1		
News Writer	1	1		
Information Messenger	1	1		
Wolf Creek PIO	1	1		
State PIO	1	1		
County PIO	1	1		
NRC PIO	1	1		
FEMA PIO	1	1		
Governor's Press Sec.	1	1		
*Step Stool/Ladder	1	1		
*Stapler	1	1		
*Bell	1	1		
*Emergency Classification Signs	1	5		
*3 Hole Punch	1	1		
Scotch Tape dispenser	1	2		
Stored In Cabinet in EOF Foyer				
*Staplers	1	2		
*Staple Removers	1	3		
*Staples	1	4 boxes		
*Paper Clips	1	3 boxes		
*Binder Clips	1	2 boxes		
*Metal Clips for Flip Chart	1	2		
*Date Stamp	1	1		
*"This Is A Drill" stamp	1	2		
*Red Stamp Pad	1	2		
*Pencil Sharpener	1	1		
*Dry Erase Markers	1	6		
*Status Board Erasers	1	2		
*Status Board Cleaner	1	1		
*Pens (black ink)	1	24		
*Pencils	1	12		
*Scissors	1	2		
*Velcro Tape	1	1		
*Duct Tape	1	1		
*Masking Tape	1	2 rolls		
*Scotch Tape	1	2		
*Extension Cord	1	2		
*18" Ruler	1	1		

INFORMATION CLEARINGHOUSE INVENTORY CHECKLIST

Part I	INVENTORY			
Quarter:		Date:		Other:
			Quantity	
Item	REQ	Required	Present	Comments
INFORMATION CLEARINGHOUSE - TOPEKA				
LOCKER NO. 1				
Motorola Radios w/headsets & charging adapters	1, 2	5		
Power Strip	1	2		
Locker Keys	1	2		
*Emergency Classification Signs	1	5		
*Sign: Emergency Classification	1	1		
*Sign: Information Clearinghouse	1	1		
*Dictionary	1	1		
*Ruled Paper	1	16 pads		
*Desk Name Plates w/holder				
Public Information Manager	1	1		
Technical Support	1	1		
News Writer	1	1		
Information Messenger	1	1		
Wolf Creek PIO	1	1		
State PIO	1	1		
County PIO	1	1		
NRC PIO	1	1		
FEMA PIO	1	1		
Governor's Press Sec	1	1		
MC Manager Position Binder (EM 069)	1	1		
Public Information Manager Position Binder (EM 063)	1	1		
Wolf Creek PIO Position Binder (EM 064)	1	1		
Tech Support Position Binder (EM 065, 248)	1	2		
News Writer Position Binder (EM 066)	1	1		
Information Messenger (EM 211)	1	1		
AV Support Position Binder (EM 071)	1	1		
Media Liaison Position Binder (EM122)	1	1		
Media Registrar Position Binder (EM 202)	1	1		
Radiological Emergency Telephone Directory (RETD) (TD020, TD021, TD034)	1	3		
EPPs and EP Forms (EM005)	1	2 books		
* Administrative Supplies Suggested Quantities				
**Comparable model may be substituted as necessary.				

INFORMATION CLEARINGHOUSE INVENTORY CHECKLIST

Part I	INVENTORY			
Quarter:		Date:		Other:
			Quantity	
Item	REQ	Required	Present	Comments
INFORMATION CLEARINGHOUSE - TOPEKA				
LOCKER NO. 2				
IC Phone Jack Box	1	1		
IC Phones (WC PIO, Tech Support, News Writer, County PIO, KGE PIO, KCPL PIO, KEPCo PIO, NRC PIO, FEMA PIO, State PIO)	1	10		
IC Phone w/Speakerphone	1	1		Change batteries quarterly. Date changed: _____
*Phone Book	1	2		
*Pens (black ink)	1	24		
*Dry Erase Markers	1	6		
*Pencils	1	12		
*Pencil Sharpener	1	1		
*Status Board Erasers	1	2		
*Status Board Cleaner	1	1		
*Paper Clips	1	3 boxes		
*Binder Clips	1	2 boxes		
*Staplers	1	3		
*Staple Removers	1	3		
*Staples	1	4 boxes		
*18" Ruler	1	1		
*Extension Cord	1	2		
*Bell	1	1		
*Metal Clips for Flip Chart	1	2		
*Glue Stick	1	1		
*Velcro Tape	1	1		
*Duct Tape	1	1		
*Masking Tape	1	3		
*Scotch Tape	1	2		
*Scissors	1	2		
*3 Hole Punch	1	1		
*Date Stamp	1	1		
*"This Is A Drill" stamp	1	3		
*Red Stamp Pad	1	2		
Phone to Jack Cords	1	3		
Phone to Handset Cords	1	3		
*Regular Copier/Printer Paper	1	6 Ream		
AA- Batteries	1	~4		Exp. Date: _____
*M-02 (Mechanical) (K607)	1	1 set		Located on stick file if not in cabinet
*E-01 (Electrical) (K607)	1	1 set		Located on stick file if not in cabinet
*E-03 (Electrical) (K607)	1	1 set		Located on stick file if not in cabinet

* Administrative Supplies Suggested Quantities

INFORMATION CLEARINGHOUSE INVENTORY CHECKLIST

Part I	INVENTORY			
Quarter:		Date:		Other:
			Quantity	
Item	REQ	Required	Present	Comments
INFORMATION CLEARINGHOUSE - TOPEKA				
IC Computer Cabinet				
Computer	1	2		
Computer Cables	1	1		
Printer	1	1		
*PC Program Diskette	1	1		
*PC Diskettes - Blanks	1	1 box		
*Power Strip	1	2		
*News Statements Diskette	1	1		
Status Board Cart				
10-Mile Evacuation Area Map	1	1		
50-Mile Ingestion Pathway Wall Maps	1	1		
Status Boards as Follows:				
Staffing Status Board	1	1		
3'x4' for News Statements	1	1		
3'x4' for Sequence of Events	1	2		
Easels for Status Boards	1	2		
*Step Stool/Ladder	1	1		
USAR Cart				
Updated Safety Analysis Rpt (USAR) (US062)	1	1 set		
WCGS Emergency Plan (EP007)	1	1		
Coffey County Emergency Plan (CP026)	1	1		
State of Kansas Emergency Plan (SP005)	1	1		
*PWR Information Course Book, Vol 1 & 2	1	1 set		
* Administrative Supplies Suggested Quantities				

SUBMITTED BY			
<input type="checkbox"/> Inventory has been completed and quantities noted. Other applicable information is provided in the Comments Section above.			
<hr style="border: none; border-top: 1px solid black;"/> Signature	<hr style="border: none; border-top: 1px solid black;"/> Print Name	<hr style="border: none; border-top: 1px solid black;"/> Ext.	<hr style="border: none; border-top: 1px solid black;"/> Date

MEDIA CENTER INVENTORY CHECKLIST

REQUIREMENTS (REQ):	
1.	Inventory/Restock
2.	Operability Check

Part I	INVENTORY			
Quarter:		Date:		Other:
			Quantity	
Equipment	REQ	Required	Present	Comments
MEDIA CENTER - WOLF CREEK				
Media Registration Cart				
*First Aid Kit	1	1		
*Wind Up Alarm Clock	1	1		
*Pens (black ink)	1	~24		
*Blank Name Badge Holders	1	~100		
*Dry Eraser Markers	1	4		
*Status Board Erasers	1	2		
3" X 5" Index Cards	1	~100		
*Status Board Cleaner	1	1 bottle		
Card file--printed inserts for registration use	1	1		
*Table draping	1	2		White Cloth or comparable
Media Registration (desk sign)	1	1		
*Media Kits	1	~40		
Media Center Cabinets				
Media Conference Phone	1	1		
Media Center Sign on stand	1	1		
News Statement Board- 3'x4'	1	1		
News Statement Board Easel	1	1		
Video Camera	1,2	1		
Camera Tripod	1	1		
Video Tapes	1	8		
**Quik Loc (Desk top mic stands)	1	5		
**Power Mixer (Peavy Electronics Corp.)	1	1		
**Directional Dynamic Vocal Mic (Electro-Voice)	1	5		
**Compact Stage Systems Entertainer II Speakers (Electro-Voice)	1	2		
**Ultimate (Tripod Stand)	1	2		
**Shure LX2 (Wireless Hand Held Microphone System)	1,2	1		
**Rapco (10 ft XLR Mic Cables Colored Coded)	1	5		
**Rapco (50 ft 8 Channel Box-Fan Snake)	1	1		
**Rapco (50 ft Speaker Cable 1/4 Plugs)	1	2		
*Table-Top Speaker Stand	1	1		
*Administrative Supplies Suggested Quantities.				
**Comparable model may be substituted as necessary.				

MEDIA CENTER INVENTORY CHECKLIST

Part I	INVENTORY			
Quarter:		Date:		Other:
		Quantity		
Equipment	REQ	Required	Present	Comments
MEDIA CENTER - WOLF CREEK				
Media Center Cabinets (Cont'd)				
*Table draping	1	2		Blue cloth or comparable
*Audio Visual Desk Sign	1	1		
*Duct Tape	1	2		
*Extension Cord	1	1		
Power Strip	1	1		
Nameplates:				
Governor	1	1		
Wolf Creek PIO	1	1		
Technical Support	1	1		
State PIO	1	1		
County PIO	1	1		
NRC PIO	1	1		
FEMA PIO	1	1		
KCPL PIO	1	1		
KGE PIO	1	1		
KEPCo PIO	1	1		
Phones	1	12		
10-mile Evacuation Area Maps	1	1		
50-mile Ingestion Pathway Maps	1	1		
*Phone Books	1	2		
*Administrative Supplies Suggested Quantities.				
**Comparable model may be substituted as necessary.				

MEDIA CENTER INVENTORY CHECKLIST

Part I	INVENTORY			
Quarter:		Date:		Other:
			Quantity	
Equipment	REQ	Required	Present	Comments
MEDIA CENTER - TOPEKA				
Media Registration Cart				
*Telephones	1	12		
*Phone Book	1	1		
Media Center Sign on stand	1	2		
*First Aid Kit	1	1		
*Wind Up Alarm Clock	1	1		
*Pens (black ink)	1	~24		
*Blank Name Badge Holders	1	~100		
*Dry Eraser Markers	1	~12		
*Status Board Erasers	1	~2		
*Status Board Cleaner	1	1 bottle		
3" x 5" index cards	1	~100		
Card file—printed inserts for registration use	1	1		
*Table draping	1	2		White Cloth or comparable
3'x4' News Statements Board	1	2		
Easels for News Statement Board	1	1		
*Scotch Tape	1	1		
*Media Kits	1	~50		
Wooden Audio-Visual Cart				
Speaker Stands	1	2		
Speakers	1	2		
Microphone Table Stands	1	3		
*Table-Top Speaker Stand	1	1		
Speaker Cables	1	2		
Video Cassette Tapes	1	~8		
N-size 1.5 V (for microphones)	1,2	3		
*Audio Visual Desk Sign	1	1		
*Extension Cords	1	2		
*3 Prong Adapters	1	~5		
*Pliers	1	1		
Video Camera	1,2	1		
Duct Tape	1	~3		
Camera Tripod	1	1		
*Administrative Supplies Suggested Quantities.				
**Comparable model may be substituted as necessary.				

MEDIA CENTER INVENTORY CHECKLIST

Part I	INVENTORY				
Quarter:		Date:		Other:	
		Quantity			
Equipment	REQ	Required	Present	Comments	
MEDIA CENTER - TOPEKA					
Media Rack					
Aluminum "Media" Rack w/Mixer & Amp	1	1			
Media Conference Phone	1	1			
Black Breakout Box	1	1			
Blue Microphone Cord for Breakout System	1	1			
Microphone Adapter (Marked: A-10)	1	1			
**Microphone, Model ATM63	1	3			
**Microphone, Model AT831a (lapel)	1	1			
Microphone Cords	1	6			
Power Strip	1	1			
Nameplates:					
Governor	1	1			
Wolf Creek PIO	1	1			
Technical Support	1	1			
State PIO	1	1			
County PIO	1	1			
NRC PIO	1	1			
FEMA PIO	1	1			
KCPL PIO	1	1			
KGE PIO	1	1			
KEPCo PIO	1	1			
*Administrative Supplies Suggested Quantities.					

SUBMITTED BY			
<input type="checkbox"/> Inventory has been completed and quantities noted. Other applicable information is provided in the Comments Section above.			
<hr style="border: none; border-top: 1px solid black;"/> Signature	<hr style="border: none; border-top: 1px solid black;"/> Print Name	<hr style="border: none; border-top: 1px solid black;"/> Ext.	<hr style="border: none; border-top: 1px solid black;"/> Date

OK

OFFSITE MEDICAL EMERGENCY SUPPLIES INVENTORY CHECKLIST

REQUIREMENTS (REQ):	
1.	Inventory/Restock
2.	Trade Out
3.	Operability Check
4.	Replace Annually

Part I		INVENTORY			
Quarter:		Hospital:		Date:	Other:
Item	REQ	Quantity		Comments	
		Required	Present		
Radiological Equipment					
Self-Reading Dosimeters Dosimeter range: _____ Tape Color: _____	2	10		(Rezero or replace quarterly) Note: May be State supplied.	
TLDs	2, 4	10			
*Frisker Cal Due Date _____ WC # _____	1, 3	1			
*Air Sampler-Lo Vol Cal Due Date _____ WC # _____	1, 3	1			
Dosimeter Charger	1, 3	1			
Radiological Supplies					
Air Sample Filters	1	~25			
Masslin Towels	1	~ 1 pkg			
Smears	1	~50			
Dose Record Cards or Sheets	1	~20			
Personnel Survey Form Rev. _____	1	~20			
CDV-700 Survey Instrument Checklist.	1	1			
Radiation Accident Poster	1	1			
Decontamination Table Top	1	1			
15 Gallon Water Receptacles	1	1			
Garden Hose w/ Spray Attach	1	1			
Contaminated Articles Tags	1	~100			
Step-Off Pad	1	1			
Radiation Rope / Ribbon	1	Adequate for Radiation Emergency Area			
Radiation Signs	1	4			
Radiation Stickers or Labels	1	~25			
*Radioactive Material Bags	1	~10			
Yellow Herculite	1	Adequate for Radiation Emergency Area			
*Indicates this supply is not needed at Anderson County Hospital					

OFFSITE MEDICAL EMERGENCY SUPPLIES INVENTORY CHECKLIST

Part I		INVENTORY (Cont'd)			
Quarter:		Hospital:		Date:	Other:
				Quantity	
Item	REQ	Required	Present	Comments	
SUBMITTED BY					
<input type="checkbox"/> Inventory has been completed and quantities noted. Other applicable information is provided in the Comments Section above.					
_____		_____		_____	_____
<i>Signature</i>		<i>Print Name</i>		<i>Ext.</i>	<i>Date</i>

Part II		REVIEW AND APPROVAL			
EMERGENCY PLANNING REVIEW					
<input type="checkbox"/> All identified discrepancies have been restocked or other actions necessary performed as noted below:					
Comments:					
_____		_____		_____	_____
<i>Reviewer Signature</i>		<i>Print Name</i>		<i>Ext.</i>	<i>Date</i>

EMERGENCY PLANNING APPROVAL					
<input type="checkbox"/> All reviews and appropriate actions are complete.					
Comments:					
_____				_____	
<i>Approval Signature</i>				<i>Date</i>	

CONTROL ROOM INVENTORY CHECKLIST

REQUIREMENTS (REQ):
1. Inventory
2. Check seal quarterly/Inventory Annually
3. Verify Operability
4. Trade Out Annually

Part I		INVENTORY		
Quarter:	Date:	Quantity		Other:
Item	REQ	Required	Present	Comments
Frisker Cal Due Date _____ WC # _____	1, 3	1		Frisker may be located in Panel Room or other Control Room location.
B/G Survey Meter— Eberline RO-2 or RO-2A (Circle as appropriate) Cal Due Date _____ WC # _____ R O-2 / RO-2A Cal Due Date _____ WC # _____ RO-2 / RO-2A	1, 3	2		
Air Sampler-Lo Vol (SAIC Model H 809 V-I) Cal Due Date _____ WC # _____	1, 3	1		
PIC (200R) Tape Color _____	1	5		
PIC (500mR) Tape Color _____	1	10		
PIC (5R) Tape Color _____	1	10		
TLD's	1, 4	20		
Dosimeter Charger	1, 3	1		
Check Source	1	1		Source Number:
Planchettes	1	-50		
Sample Holder	1	1		
Tweezers	1	1		
Cotton PC Gloves	1	~40 pair		
Masslin Towels	1	5		
Potassium Iodide Tablets Exp. Date: _____	1	Max. Dose for 50 Indiv.		
Air Sampler Zeolite Filters	1	10		Must be sealed.
Air Sample Labels	1	-25		
Air Sampler Particulate Filters	1	1 Box (~100)		
Surgeon's PC Gloves	1	-24 pair		
Smears	1	1 Box (~500)		
Telephone Headset	1	~1		
"CR Chem Tech" Manual (EM566)	1	1		
"CR HP" Manual (EM083)	1	1		

PHONE TEAM INVENTORY CHECKLIST

REQUIREMENTS (REQ):

1	Inventory
2	Operability Check

Part I	INVENTORY			
Quarter:	Date:	Quantity		Other:
Item	REQ	Required	Present	Comments
PHONE TEAM - WOLF CREEK				
Motorola Radios w/headsets & charging adapters	1,2	5		
Multiple Socket Plug	1	1		
EPZ Map (10 mile)	1	1		
EPZ Map (50 mile)	1	1		
*Emerg Classification Signs	1	5		
*Phone Team Deskplate	1	2		
*Phone Manager Deskplate	1	1		
Dry Erase Board	1	2		
*Headsets	1	5		(Hello Direct) or comparable
Info Bank Book	1	1		
Subzone Table Size Maps	1	4		
Communication Guide	1	5		
PHONE TEAM - TOPEKA LOCKER NO. 3				
Telephones (Single-Line)	1	9		
EPZ Map (10 mile)	1	1		
EPZ Map (50 mile)	1	1		
*Emerg Classification Signs	1	5		
*Sign:Emergency Classification	1	1		
*Phone Team Deskplate	1	4		
*Phone Manager Deskplate	1	1		
Dry Erase Board	1	2		
Info Bank Book	1	1		
Communication Guide	1	5		
Subzone table size maps	1	4		
*Phone Book	1	1		
Radiological Emergency Telephone Directory (RETD) (TD059)	1	1		
Phone Team Binders (EM067, EM068, EM073, EM200)	1	4		
Phone Team Manager Binder (EM022)	1	1		
EPP Forms (EM257)	1	1		
Television	1	1		
VCR	1	1		
* Administrative Supplies Suggested Quantities				

SUBMITTED BY

Inventory has been completed and quantities noted. Other applicable information is provided in the Comments Section above.

_____	_____	_____	_____
<i>Signature</i>	<i>Print Name</i>	<i>Ext.</i>	<i>Date</i>

