



Federal Emergency Management Agency

Washington, D.C. 20472

NOV 21 1984

MEMORANDUM FOR: Edward L. Jordan, Director
Division of Emergency Preparedness
and Engineering Response
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission

FROM: *Richard W. Krimm*
Richard W. Krimm
Assistant Associate Director
Office of Natural and Technological
Hazards Programs

SUBJECT: Response to Request for Assistance on Wolf Creek Atomic
Safety and Licensing Board (ASLB) Conditions and Confirmatory
Items Related to Offsite Preparedness

On September 20, 1984, the Nuclear Regulatory Commission (NRC) requested assistance from the Federal Emergency Management Agency (FEMA) in responding to a July 26, 1984, ASLB order setting two offsite conditions for the operating licensing of the Wolf Creek Generating Station. In addition, the NRC requested that FEMA assist NRC in responding to the ASLB order asking for confirmation of eight items also concerned with offsite radiological emergency preparedness (REP) planning. The aforementioned request was amended by an October 25, 1984, NRC memorandum that added an additional confirmatory item and changed the date to November 21, 1984, for the provision of the FEMA response to NRC.

The attached November 14, 1984, FEMA Region VII memorandum indicates that licensing condition #2 is still open due to an incomplete tri-county mutual aid agreement to provide ambulance services for Coffee County hospital and nursing home patients. In addition, confirmatory item #2 is still open because the second telephone line to Coffee County engineer's office has not yet been installed. However, installation is anticipated in two weeks. For the convenience of the NRC, FEMA Region VII has already transmitted a copy of its November 14, 1984, to Falk Kantor of your staff.

On October 25, 1984, NRC requested a Supplemental Interim Finding by January 15, 1985. FEMA intends to meet that deadline. At that time, we will supply any additional relevant data on Wolf Creek and respond concerning the remaining 2 open items mentioned above.

If you have any questions concerning this memorandum, please call Robert S. Wilkerson, Chief, Technological Hazards Division, at 287-0200.

Attachment
As Stated

54-462
IE 35
8411270326 841121
PDR ADOCK 05000482
F PDR



Federal Emergency Management Agency

Region VII 911 Walnut Street Kansas City, Missouri 64106

NOV 14 1984

MEMORANDUM FOR: *Dick* Richard Krimm, Assistant Associate Director
 Office of Natural & Technological Hazards
 FROM: *John D. Coleman* Patrick J. Breheny, Regional Director, FEMA - Region VII
 SUBJECT: Wolf Creek Atomic Safety and Licensing Board Conditions and
 Confirmatory Items Related to Off-Site Preparedness

Per the September 20, 1984, memorandum to you from Edwin L. Jordan, Director, Division of Emergency Preparedness and Engineering Response, Office of Inspection and Enforcement, U.S. Nuclear Regulatory Commission, my staff has been able to confirm most of the open issues concerning the Wolf Creek Atomic Safety and Licensing Board Conditions and confirmatory items related to off-site preparedness.

The two conditions (as modified by the order) which must be met prior to issuance of the operating license are as follows:

1. Letters of Agreement (LOA's) shall be signed by Coffey County with hospitals and nursing homes in surrounding counties providing for the acceptance of patients from the Coffey County Hospital and the Golden Age Lodge Nursing Home in the event of an emergency evacuation occasioned by an accident at the Wolf Creek Plant. These executed Letters of Agreement shall be submitted to the NRC staff and shall be included in the Coffey County Plan.

RESPONSE

LOA's have been signed with Allen County Hospital, Greenwood County Hospital, Flint Hills Nursing Center, Newman Memorial Hospital, Ransom Memorial Hospital, and St. Mary's Hospital. Anderson County Hospital is covered in the current plan under a Mutual Aid Agreement (MAA). The numbers of potential patients and bed availability were presented in the ASLB testimony, but have not been entered into the plan. The LOA's are attached and will be incorporated into the next revision of the plan.

Summary of Hospital Bed Availability

<u>Hospital</u>	<u>Beds</u>	<u>Testimony Page</u>	<u>MAA or LOA</u>
Allen Co.	10	816	MAA & LOA
Anderson Co.	25	816	MAA
Greenwood Co.	20	850	LOA
Flint Hills	35	851	LOA
Lyc 1 Co. (Newman)	100	813	MAA & LOA
Ransom	62	850	LOA
St. Mary's	45	816	LOA
Total	297		

Hospital Bed Requirement

	<u>Capacity</u>	<u>Testimony Page</u>	<u>Plan Page</u>
Coffey County Hospital	26	814	K-6
Golden Age Lodge	102	819	K-7
Sunset Manor	50		
County Residents (estimated)	<u>10</u>		
Total	188		

Maximum Demand - 188
 Bed Availability - 297
 Surplus Availability - 109

The first condition is considered satisfied and CLOSED

2. Letters of Agreement shall be signed by Coffey County with ambulance services and with funeral directors in surrounding counties providing for the transportation of non-ambulatory patients from the Coffey County Hospital and from the Golden Age Lodge Nursing Home in the event of an emergency evacuation occasioned by an accident at the Wolf Creek Plant. These executed Letters of Agreement shall be submitted to the NRC staff and shall be included in the Coffey County Plan.

Mutual Aid Agreements (MAA's) exist in the current issue of the Coffey County Plan with Allen County, Anderson County and Lyon County to include their County owned ambulances. In addition, the Allen County Ambulance Service has signed a Letter of Agreement (LOA). Funeral Directors in Chanute (2), Garnett, LeRoy, Emporia, Eureka, and Yates Center, Kansas have also signed LOA's. However, the MAA's and LOA's submitted are inadequate due to faults with documenting the available litter carrying capacity of the vehicles. The letters from the funeral directors included a numerical account, but these were discovered to be incorrect, and must be revised to be acceptable. The mutual aid agreements with the counties give no numerical account of resources, and no supporting evidence is available from the ASLB hearing. A supplemental letter from the counties to document ambulance resources available through the mutual aid agreements will be required. The ASLB's second order, therefore, remains unsatisfied as of this date. The second condition is considered unsatisfied and OPEN.

In addition to the two license conditions in the Initial Decision (ID), the Board requested the staff to:

1. Confirm that the tone alert radios have been installed, and the standard "fire" notification procedure has been set forth in the County Plan Implementing Procedures. (ID, p. 10)
 - a) FEMA evaluator reviewed list of recipients of the tone alert radios at the November 7, 1984, exercise. ITEM CLOSED
 - b) The "fire" notification procedure has been added to the June, 1984, issue of the County Plan Implementing Procedures. ITEM CLOSED

2. Confirm the installation of a second telephone line in the Engineer's Office. (ID, p. 12)

Weather has delayed the completion of the new County Shop. The second telephone line is to be added, along with the first line, at that facility. The building was near completion, as of the November 7, 1984, exercise. The phone line is expected to be installed within the next two weeks. FEMA VII will be notified and will provide ASLB confirmation. ITEM OPEN

3. Confirm the installation of radio equipment for the Sheriff. (ID, p. 13)

Installation and operation were confirmed by FEMA evaluators during the November 7, 1984, exercise. ITEM CLOSED

4. Confirm the installation of additional sirens in the John Redmond Reservoir Area. (ID, p. 17)

Installation and operation were confirmed by FEMA evaluators during the November 7, 1984, exercise. ITEM CLOSED

5. Confirm that the County Plan Implementing Procedures have been amended to reflect a breakdown, by class and by number, of the County workers who will be furnished with dosimeters. (ID, p. 45)

Coffey County Plan Revision received November 5, 1984, outlines the above. Copy attached. ITEM CLOSED

6. Confirm that the Implementing Procedures have been amended to specify where the dosimeters will be prepositioned or where the County workers in each class will be able to secure their dosimeters, and the number and types of such dosimeters. (ID, p. 46)

Coffey County Plan Revision received November 5, 1984, outlines the above. Copy attached. Same reference as #5. ITEM CLOSED

7. Confirm that the County Plan and Implementing Procedures appropriately reflect the revisions describing the Joint Training Program. (ID, p. 49)

This was accomplished during the June, 1984, revision of the Plan. ITEM CLOSED

8. Confirm the installation of radio equipment for the Coffey County fire departments and vehicles of the Road Department. (ID, p. 53)

a) Fire Departments equipment confirmed by FEMA evaluators November 8, 1984, the day following the exercise. ITEM CLOSED

b) County Road Department vehicles confirmed by FEMA evaluators when they returned to the County Shop during the November 7, 1984, exercise. ITEM CLOSED

9. Confirm either that the U.S. Army Corps of Engineers will provide its own dosimeters or that Kansas Gas & Electric will provide them (ID, p. 46)

The U.S. Army Corps of Engineers has provided its own dosimeters. However, the Corp is not expected to perform an emergency worker role during an incident at the WCGS. ITEM CLOSED

We understand that an extension for completion of these items has been granted until November 21, 1984. The State of Kansas and Coffey County have been informed of this revised deadline and its importance to the licensing process. (memo attached).

We will inform you of the results of the final open items on or before November 21, 1984.

Should you have any questions concerning these items, feel free to contact either Richard Leonard or Marlee Carroll of my staff at (816) 374-2161 or (FTS) 758-2161.

Attachments

cc: Gar Weed, Kansas
Carroll Wilcox, Coffey County
Kevin Moles, KG&E
Charles Hackney, USNRC, Region IV
Ken Green, FEMA
Falk Kantor, USNRC, Washington, D.C.



Federal Emergency Management Agency

Region VII 911 Walnut Street Kansas City, Missouri 64106

NOV 14 1984

MEMORANDUM FOR: *John E. Breheny* Colonel Mahlon G. Weed, Assistant Director
Division of Emergency Preparedness

FROM: *John E. Breheny* Patrick J. Breheny, Regional Director, FEMA - Region VII

SUBJECT: *John E. Breheny* Wolf Creek Atomic Safety and Licensing Board Conditions and
Confirmatory Items Related to Off-Site Preparedness - RESPONSE

We forwarded a copy of the September 20, 1984, memo from Edward Jordan, U.S. Nuclear Regulatory Commission to Richard Krimm, FEMA, concerning the aforementioned subject to you upon receipt in this office.

Two conditions were to have been met prior to issuance of the operating license.

The first concerned Letters of Agreement (LOA's) with area hospitals and nursing homes providing for the acceptance of patients from the Coffey County Hospital and the Golden Age Lodge Nursing Home in the event of an emergency evacuation caused by an accident at the Wolf Creek Generating Station. It is our opinion that this condition has been satisfied. We are transmitting the LOA's to Headquarters for submittal to the NRC and the ASLB for final approval.

However, Condition 2 required LOA's with ambulance services and funeral directors who would provide transportation for the non-ambulatory evacuees from the EPZ. Documents submitted to FEMA to satisfy this order consisted of LOA's with the funeral directors, and existing mutual aid agreements with counties whose ambulance services would be used. But the documents submitted are inadequate due to faults with documenting the available litter carrying capacity of the vehicles. The letters from the funeral directors included a numerical account, but these were discovered to be incorrect, and must be revised to be acceptable. The mutual aid agreements with the counties give no numerical account of resources, and no supporting evidence is available from the ASLB hearing. A supplemental letter from the counties to document ambulance resources available through the mutual aid agreements will be required. The ASLB's second order, therefore, remains unsatisfied as of this date.

In addition to the one licensing condition in the Initial Decision (ID) being unmet, one of eight supplemental confirmatory items also has not been met. That item is: Number 2 - Confirm the installation of a second telephone line in the County Engineers Office (I.D. p. 12).

We understand that the new County Shop is nearing completion and the phones are expected to be installed within the next two weeks.

The deadline for receipt by this office of documentation of completion of these two issues has been extended to November 20, 1984. Any delays in response may result in a further delay in the licensing process.

In order to expedite receipt of these amended LOA's we would be willing to accept telefaxed copies, if necessary. Please inform us also of the date of phone

installation so it may be confirmed.

If you have any questions concerning this matter, feel free to contact Rich Leonard or Marlee Carroll at (816) 374-2161.

cc: Robert S. Wilkerson, FEMA
Ken Green, FEMA
Carroll Wilox, Coffey County
Kevin Moles, KG&E
Charles Hackney, U.S. NRC, Region IV
Falk Kantor, U.S. NRC, Washington, D.C.

LETTER OF AGREEMENT

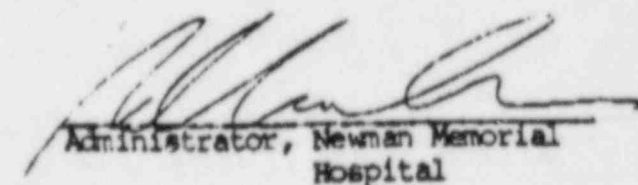
TO: Administrator, Coffey County Hospital; Administrator, Golden Age Lodge; Administrator, Sunset Manor

FROM: Administrator, Newman Memorial Hospital; Administrator, St. Mary's Hospital; Administrator, Greenwood County Hospital; Administrator, Anderson County Hospital; Administrator, Allen County Hospital; Administrator, Ransom Memorial Hospital; Administrator, Flint Hills Nursing Care Center (GRANTORS)

DATE: August 24, 1984

Because there might arise in Coffey County an emergency or disaster of such proportions as to require the evacuation of the Golden Age Lodge, Sunset Manor and/or Coffey County Hospital (GRANTEES), we agree, upon request from the Coffey County Health and Medical Management Team Leader, to accept from the GRANTEE(S) as many evacuees as we can safely accommodate. We understand that the hospital patients and/or nursing home residents that are evacuated will have an identification tag listing the patient's name, facility where he/she originated and other appropriate information. This agreement shall be in force until a revision has been agreed upon by these parties. Any party may be relieved of their obligations hereunder by giving written notice at least twelve (12) months prior to withdrawl.

GRANTOR


Administrator, Newman Memorial
Hospital

Dated November 2, 1984



LETTER OF AGREEMENT


TO: Administrator, Coffey County Hospital; Administrator, Golden Age Lodge; Administrator, Sunset Manor

FROM: Administrator, Newman Memorial Hospital; Administrator, St. Mary's Hospital; Administrator, Greenwood County Hospital; Administrator, Anderson County Hospital; Administrator, Allen County Hospital; Administrator, Ransom Memorial Hospital; Administrator, Flint Hills Nursing Care Center (GRANTORS)

DATE: August 24, 1984

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GRANTOR



Administrator, Flint Hills Manor
Nursing Care Center

Dated 9-17-84

COPY

LETTER OF AGREEMENT

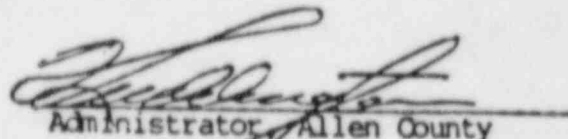
TO: Administrator, Coffey County Hospital; Administrator, Golden Age Lodge; Administrator, Sunset Manor

FROM: Administrator, Newman Memorial Hospital; Administrator, St. Mary's Hospital; Administrator, Greenwood County Hospital; Administrator, Anderson County Hospital; Administrator, Allen County Hospital; Administrator, Ransom Memorial Hospital; Administrator, Flint Hills Nursing Care Center (GRANTORS)

DATE: August 24, 1984

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GRANTOR


Administrator, Allen County
Hospital

Dated 8-27-84

COPY

LETTER OF AGREEMENT


TO: Administrator, Coffey County Hospital; Administrator, Golden Age Lodge; Administrator, Sunset Manor

FROM: Administrator, Newman Memorial Hospital; Administrator, St. Mary's Hospital; Administrator, Greenwood County Hospital; Administrator, Anderson County Hospital; Administrator, Allen County Hospital; Administrator, Ransom Memorial Hospital; Administrator, Flint Hills Nursing Care Center (GRANTORS)

DATE: August 24, 1984

Because there might arise in Coffey County an emergency or disaster of such proportions as to require the evacuation of the Golden Age Lodge, Sunset Manor and/or Coffey County Hospital (GRANTEES), we agree, upon request from the Coffey County Health and Medical Management Team Leader, to accept from the GRANTEE(S) as many evacuees as we can safely accommodate. We understand that the hospital patients and/or nursing home residents that are evacuated will have an identification tag listing the patient's name, facility where he/she originated and other appropriate information. This agreement shall be in force until a revision has been agreed upon by these parties. Any party may be relieved of their obligations hereunder by giving written notice at least twelve (12) months prior to withdrawal.

GRANTOR



Administrator, Ransom Memorial
Hospital

Dated 8-30-84

COPY

LETTER OF AGREEMENT

TO: Administrator, Coffey County Hospital; Administrator, Golden Age Lodge; Administrator, Sunset Manor

FROM: Administrator, Newman Memorial Hospital; Administrator, St. Mary's Hospital; Administrator, Greenwood County Hospital; Administrator, Anderson County Hospital; Administrator, Allen County Hospital; Administrator, Ransom Memorial Hospital; Administrator, Flint Hills Nursing Care Center (GRANTORS)

DATE: August 24, 1984

Because there might arise in Coffey County an emergency or disaster of such proportions as to require the evacuation of the Golden Age Lodge, Sunset Manor and/or Coffey County Hospital (GRANTEES), we agree, upon request from the Coffey County Health and Medical Management Team Leader, to accept from the GRANTEE(S) as many evacuees as we can safely accommodate. We understand that the hospital patients and/or nursing home residents that are evacuated will have an identification tag listing the patient's name, facility where he/she originated and other appropriate information. This agreement shall be in force until a revision has been agreed upon by these parties. Any party may be relieved of their obligations hereunder by giving written notice at least twelve (12) months prior to withdrawal.

GRANTOR

Mark D. Barnett
Administrator, St. Mary's
Hospital

Dated 9/10/84

LETTER OF AGREEMENT

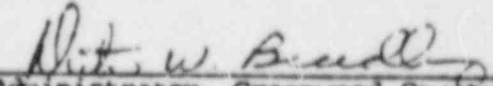
TO: Administrator, Coffey County Hospital; Administrator, Golden Age Lodge; Administrator, Sunset Manor

FROM: Administrator, Newman Memorial Hospital; Administrator, St. Mary's Hospital; Administrator, Greenwood County Hospital; Administrator, Anderson County Hospital; Administrator, Allen County Hospital; Administrator, Ransom Memorial Hospital; Administrator, Flint Hills Nursing Care Center (GRANTORS)

DATE: August 24, 1984

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GRANTOR



Administrator, Greenwood County
Hospital

Dated 8-24-84

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COPY

COFFEY COUNTY AND ANDERSON COUNTY, KANSAS

MUTUAL AID AGREEMENT FOR EMERGENCY PREPAREDNESS PURPOSES

WITNESSETH, that on the 13th day of June, 1983 it is agreed that:

WHEREAS, the legal entities of Coffey County and Anderson County have contiguous boundaries, and

WHEREAS, there might arise in one county an emergency or disaster of such proportions as to require the assistance of the other in handling such emergency or disaster, and

WHEREAS, it is necessary to enter into a written covenant for such services to protect the officers and members of the county and its several city governments in the matter of pensions, personal injuries, insurance and personal liability, and

WHEREAS, this agreement is entered into by virtue of the planning requirements as set forth in the Kansas Emergency Preparedness Act of 1975.

NOW THEREFORE, IT IS AGREED THAT:

1. Upon request of a County Commissioner, Mayor or Emergency Preparedness Official in a disaster area, the responding county will mobilize and send such equipment, manpower and supplies as it can muster without jeopardizing its own response capability in event of a continuing threat.
2. Each county shall be the sole judge of how much assistance is needed or can be furnished under the conditions that exist in each situation; and it is agreed that neither shall be liable in any way to the other or to its inhabitants or any other person, firm or corporation, for any failure to respond with all of the assistance asked.
3. The county calling for aid shall not be liable for any death, personal injury or property loss or damage to individuals or equipment sent by the responding county.
4. Detailed planning shall be entered into by the Emergency Preparedness Agencies of the counties as it relates to routes to be used, passes issued, assembly area and command post locations, etc., for the responding county. All such planning shall be subject to the approval of the county board of commissioners of each county.

COPY

Arnal H. Trice
CHAIRMAN, COFFEY COUNTY
Board of County Commissioners

[Signature]
Commissioner

A. L. Henry
Commissioner

Harold Davies
Commissioner

Philip Birk
Commissioner

Jack L. Lee
COFFEY COUNTY CLERK



Donald P. Keent
CHAIRMAN, ANDERSON COUNTY
Board of County Commissioners

[Signature]
Commissioner

Clara Donna Hunt
Commissioner

Judith A. Creamer
ANDERSON COUNTY CLERK



CHANGES TO COFFEY COUNTY PLAN IMPLEMENTING PROCEDURES (CPIP)
AND KANSAS STATE OPERATING PROCEDURES (SOP)

I. Notification of the General Public

Warning and initial notification of the general public is performed within 15 minutes of the receipt of a Site Area Emergency and/or General Emergency. Upon receipt of a Site Area Emergency classification (or General Emergency, whichever comes first), the Sheriff will activate the sirens at a predetermined time which corresponds to the broadcast of the EBS announcement. The fixed sirens remain on for a period of 3-5 minutes.

The sirens will be sounded only once at a Site Area Emergency (or General Emergency, whichever comes first). Thereafter, the public will be advised of the situation at Wolf Creek through the EBS announcements.

(Affected Procedures: CPIP Nos. 9 and 10)

II. Emergency Broadcast System (EBS) Announcements

The State and County Public Information Officers are no longer responsible for issuing the EBS announcements.

When the County and State have been notified of a Site Area Emergency and General Emergency or a decision to initiate a protective action is made, the County Emergency Preparedness Coordinator (EPC) dispatches an EBS announcement to the State EOC Communicator who then contacts the EBS stations with the appropriate announcement. These stations are WIBW-FM and WREN-AM in Topeka. If the EPC is not available to dispatch the EBS announcement the Sheriff will direct the Dispatcher to contact the EBS stations with the appropriate announcements.

The EBS message for a protective action will be broadcast within 15 minutes of when the State and/or County decide on a protective action. At this time, the Sheriff will be responsible for contacting the affected schools in the EPZ and the Health and Medical Management Team Leader the affected hospitals and nursing homes in the EPZ.

In addition to changing who is responsible for issuing the EBS announcement, the EBS announcements have also been revised. Attachment 1 is a copy of the revised EBS announcements.

(Affected Procedures: SOP No. AG3, AG4; CPIP No. 3, 13, 15)

III. County Fire Leader

The County Fire Leader no longer reports to the County EOC. Instead, the Emergency Preparedness Coordinator (EPC) will notify him of the Site Area Emergency and General Emergency by phone and request that he and his fire personnel stand by for the possible protective actions. If the County or State initiate protective actions the EPC will call the Fire Leader by

phone or radio and request the Fire Leader to direct his personnel to notify persons in the cities of Burlington, LeRoy and Waverly who are unable to hear the sirens or tone alert radios due to deafness or other reasons. After the evacuations, if it is necessary, the EPC will request the Fire Leader to dispatch pumper trucks to Access Control Points to perform decontamination procedures.

(Affected Procedures: CPIP No. 19)

IV. County Health and Medical Management Team - (HMMT)

The HMMT now consists of three instead of four people. These are the Team Leader, the Coffey County Hospital Chief of Staff and the County Agent. The Team Leader and County Agent go to the County EOC at a Site Area Emergency and the Chief of Staff goes to the Coffey County Hospital.

In addition, the Primary Team Leader is Susan Mueller, the Coffey County Nurse, and the alternate is James Cazier, the Administrator of Coffey County Hospital.

(Affected Procedure: CPIP No. 21)

V. County Public Information Officer (PIO)

The County PIO at a Site Area Emergency goes to the Information Clearinghouse (IC) located in the State Defense Building in Topeka, KS.

(Affected Procedure: CPIP No. 15)

VI. Immediate and Follow Up Notification Forms

Attachment 2 and 3 respectively are the revised Immediate and Follow Up Notification Forms.

(Affected Procedures: SOP No. AG1, AG2, Ag3, Ag4, DEP1, DEP2, DEP3, DEP4, DEP5, DEP6, DEP7, DEP8, DHE3, DOT1, DOT2, DOT3, DOT4, DOT5; CPIP No. 1, 2, 3, 4, 5, 6, 7, 11, 12, 13, 14, 15)

VII. John Redmond Reservoir Visitors

Procedures will be revised to state that once any protective action decision is made for any subzone in the EP2, visitors to John Redmond Reservoir areas will be asked to evacuate the area. At this time, the U.S. Fish and Wildlife Service will begin their route alerting and evacuation confirmation of their areas not covered by the fixed outdoor sirens. The Kansas Fish and Game will begin the evacuation confirmation of their areas at the appropriate time.

(Affected Procedures: SOP No. PGC2, PGC3, PGC4; CPIP No. 3, 9, 10)

VIII. SDEP Notification Procedures

(to be supplied by Leon Mannel)

IX. County Preparedness Dosimetry

Attachment 4 is a table describing the number, type and location of prepositioned dosimetry for County emergency workers. This will be included in CPIP No. 27 in the next revision of the CIPIS.

(Affected Procedure: CPIP No. 27)

X. State Assembly Area

KDHE and KFGC personnel will assemble at the Fish and Game Office in New Strawn (State Assembly Area). KFGC will send personnel from this area to confirm evacuation of John Redmond Reservoir and the Otter Creek Game Management Area. KDHE will stage the State members of the Joint Radiation Monitoring Teams at this area before sending them to the EOF.

If this area becomes threatened by a radioactive plume, personnel in this area will move to the State Forward Staging Area at the intersection of old U.S. 50 and Hwy. 75.

(Affected Procedures: DHE 7.0, DHE 13.0)

EBS ANNOUNCEMENTS

When the State or County EOC received the first notification of a Site Area Emergency or a General Emergency, the INITIAL EBS ANNOUNCEMENT is used.

The following should be performed:

- 1) If a Site Area Emergency notification is received first, the State EOC communicator coordinates the release of the INITIAL EBS ANNOUNCEMENT with the County Emergency Preparedness Coordinator. This is so the sirens can be activated at the same time as the release of the EBS announcement. When the time has been arranged, the State EOC communicator contacts the EBS station, the State, PIO and the KG&E EOF with the announcement and the time it is to be released. The release of the announcement must take place within 15 minutes of the time the notification of a Site Area Emergency is received from KG&E.
- 2) If a General Emergency notification is received after the Site Area Emergency, the State EOC still needs to contact the County EOC, the State PIO and the KG&E EOF with what time the INITIAL EBS ANNOUNCEMENT will be released. Sirens are not activated at this point. Again, this must occur within 15 minutes of receipt of the General Emergency notification.
- 3) If a General Emergency is received first, follow Step #1.

When a protective action decision (not a recommendation) is made by the County EOC or State EOC, the State EOC communicator is contacted with the appropriate information by the County EPC for completion of the PROTECTIVE ACTION EBS ANNOUNCEMENT. The State EOC communicator contacts and arranges with the EBS station the time of the announcement. When the time is fixed, the State EOC communicator contacts

- 1) County Emergency Preparedness Coordinator
- 2) State PIO
- 3) KG&E EOF

with the announcement and time it is to be released.

The PROTECTIVE ACTION EBS ANNOUNCEMENT must be released within 15 minutes of the decision by the State or County EOC to implement protective actions.

4) State EOC Communicator is responsible for dispatching the appropriate sirens and EBS announcements to the EBS stations.

INITIAL EBS ANNOUNCEMENT

This is the Emergency Broadcast System.

This is not a test.

1) A A Site Area Emergency

B A General Emergency

has been declared at the Wolf Creek Generating Station in Coffey County, Kansas by officials of Kansas Gas and Electric Company.

This emergency classification has been made because of abnormal operating conditions which are affecting the level of safety in the immediate vicinity of the plant.

State, local and utility emergency personnel are responding. More information for the public will be provided as it becomes available.

It is recommended that people within a 10-mile radius of the Wolf Creek Generating Station standby and stay tuned to your EBS station.

Emergency Response officials request that residents only use their telephones in case of immediate emergencies. The telephone lines are needed by utility, County and State officials to organize response efforts.

Please continue to monitor WREN-AM, WIBW-FM, or your local EBS station for the latest information. An update will follow soon.

(REPEAT MESSAGE)

Released by :

_____ at _____
(Radio Announcer)

at

_____ (Time)

PROTECTIVE ACTION EBS ANNOUNCEMENT

This is the Emergency Broadcast System.

This is not a test.

1) A A Site Area Emergency

B A General Emergency

was declared at the Wolf Creek Generating Station

2) at _____ today.
Time

Residents within about 10 miles of the Wolf Creek Generating Station should refer to their Emergency Planning Information Booklet or the information pages of their telephone books for further information on what to do during this emergency, and determine which subzone they are in.

3) The pregnant women and small children in subzones

<input type="checkbox"/> A	A0	<input type="checkbox"/> E	D1	<input type="checkbox"/> I	C2	<input type="checkbox"/> M	D3
<input type="checkbox"/> B	A1	<input type="checkbox"/> F	E1	<input type="checkbox"/> J	C3	<input type="checkbox"/> N	E2
<input type="checkbox"/> C	B1	<input type="checkbox"/> G	A2	<input type="checkbox"/> K	C4	<input type="checkbox"/> O	E3
<input type="checkbox"/> D	C1	<input type="checkbox"/> H	B2	<input type="checkbox"/> L	D2	<input type="checkbox"/> P	E4

should evacuate to their designated registration center.

4) This is on an area bordered on the north by

_____ on the east by _____
_____ on the south by _____
_____ and on the west by _____

5) The public in subzones

<input type="checkbox"/> A	A0	<input type="checkbox"/> E	D1	<input type="checkbox"/> I	C2	<input type="checkbox"/> M	D3
<input type="checkbox"/> B	A1	<input type="checkbox"/> F	E1	<input type="checkbox"/> J	C3	<input type="checkbox"/> N	E2
<input type="checkbox"/> C	B1	<input type="checkbox"/> G	A2	<input type="checkbox"/> K	C4	<input type="checkbox"/> O	E3
<input type="checkbox"/> D	C1	<input type="checkbox"/> H	B2	<input type="checkbox"/> L	D2	<input type="checkbox"/> P	E4

should take shelter in a house or building.

6) This is on an area bordered on the north by _____
on the east by _____
on the south by _____
and on the west by _____

7) The public in subzones

<input type="checkbox"/> A	AC	<input type="checkbox"/> E	D1	<input type="checkbox"/> I	C2	<input type="checkbox"/> M	D3
<input type="checkbox"/> B	A1	<input type="checkbox"/> F	E1	<input type="checkbox"/> J	C3	<input type="checkbox"/> N	E2
<input type="checkbox"/> C	B1	<input type="checkbox"/> G	A2	<input type="checkbox"/> K	C4	<input type="checkbox"/> O	E3
<input type="checkbox"/> D	C1	<input type="checkbox"/> H	B2	<input type="checkbox"/> L	D2	<input type="checkbox"/> P	E4

should evacuate to their designated registration center.

8) This is on an area bordered on the north by _____
on the east by _____
on the south by _____
and on the west by _____

9) If you evacuate, lock all doors and windows. Turn off all appliances except your refrigerator and freezer. Security for the area is being provided. As you leave, tie a white cloth to your doorknob if you live in town or to your mailbox if you live in the country. The white cloth will tell officials that you have evacuated.

Offer a ride to people who may not have a car. If you need a ride, call (316) 364-_____. That number again if you need a ride is (316) 364-_____. Please keep all telephone calls as short as possible, since the telephone lines are needed for other emergency calls.

10) If you take shelter, close all windows and doors. Turn off all air conditioning or heating units. You should not go outside unless absolutely necessary. If you must go outside, protect your breathing simply by covering your mouth and nose with a man's dry cotton handkerchief folded in eight layers or a dry terrycloth towel folded in two layers. The handkerchief or towel should be kept snugly fitted over your nose and mouth at all times while outside.

11) (The originator of this message must write below the registration centers to be used by the evacuees from the above area. See No. 6. For example, "the evacuees in the northeast part of this area should evacuate to the Ottawa High School, 11th and Ash in Ottawa for registration." Following is a list of the registration centers to be used:)

1) Emporia State University
18th and Merchant in Emporia

or

Lyon County Fairgrounds
12th and Industrial in Emporia

2) Ottawa High School
11th and Ash in Ottawa

3) Garnett High School
North Oak Street in Garnett

4) National Guard Armory
1021 North State in Iola.

Visitors on and around John Redmond Reservoir should evacuate to the registration center at Emporia State University in Emporia. More information can be found about directions on the emergency information signs located around the reservoir.

Friends and family in the fields may not have heard this announcement, you should go tell them now.

More information on what to do because of this emergency is provided in the emergency public information booklet and the information pages of your telephone books.

This information will be repeated within 15 minutes.

Released by : _____ at _____
(Radio Announcer) (Time)

SUPPLEMENTAL EBS ANNOUNCEMENT
(FOR PREGNANT WOMEN AND PRESCHOOL CHILDREN EVACUATION)

- 1) **A** A Site Area Emergency is the third level out of a four level classification used by the federal government. Federal, State and County officials have been notified.
- B** A General Emergency is the most severe classification of an emergency. Federal, State and County officials have been notified.

More information on what you should do as a result of this emergency can be found in your emergency public information booklet or the information pages of your telephone book. Visitors to John Redmond Reservoir can find emergency information on the information signs that are located around the reservoir.

Pregnant women and preschool children have been asked to evacuate since they are more sensitive to low-level radiation. Other members of the public are not affected. Children attending preschools or day care centers may be picked up as you leave. Otherwise, they will be taken to the nearest registration center by bus. They should go to their predesignated registration centers. Registration will help other family members to contact you easily. If a check for radiation is necessary, officials will perform that check and provide any necessary treatment. A place will be provided for you to stay.

Evacuating pregnant women and preschool children could be away from home for several days. Be sure to take your emergency booklet, clothes, bedding, towels, medicine, eyeglasses, baby supplies, checkbook and credit cards.

If you are evacuating, offer a ride to others. If you need a ride, call (316) 364 - . That number again if you need a ride: (316) 364 - .

Stay tuned to this station for additional information. Further instructions for the public will be broadcast as authorized by emergency officials.

SUPPLEMENTAL EBS ANNOUNCEMENT
(FOR SHELTER)

- 1) **A** A Site Area Emergency is the third level out of a four level classification used by the federal government. Federal, State and County officials have been notified.
- B** A General Emergency is the most severe classification of emergency. Federal, State, and County officials have been notified.

More information on what you should do as a result of this emergency public information booklet or the information pages of your telephone book. Visitors to John Redmond Reservoir should check the information signs which are located on the access roads.

All schools and day care centers within the affected area are sheltering children indoors. Parents should not go to schools and day care centers to get their children since they are already being protected there.

Remain indoors and close all windows, doors and outside ventilation sources such as air conditioners and heaters. Put out fires in fireplaces and close fireplace dampers. If you have a basement, go there. Pets should be kept inside. Cars and other vehicles do not provide adequate protection. You should go inside a nearby building.

You should not go outside unless absolutely necessary. If you must go outside, protect simply by covering your mouth and nose with a man's dry cotton handkerchief folded in 8 layers or a dry terrycloth towel folded in 2 layers. The handkerchief or towel should be kept snugly fitted over your nose and mouth at all times while outside.

Stay tuned to this station for additional information. Further instructions for the public will be broadcast as authorized by emergency officials.

SUPPLEMENTAL EBS ANNOUNCEMENT
(FOR EVACUATION)

- 1) [A] A Site Area Emergency is the third level out of a four level classification used by the federal government. Federal, State and County officials have been notified.
- [B] A General Emergency is the most severe classification of an emergency. Federal, State and County officials have been notified.

More information on what you should do as a result of this emergency public information booklet or the information pages of your telephone book. Visitors to John Redmond Reservoir should check the information signs which are located on the access roads.

Public schools within the affected area are transporting their students to their registration centers in adjacent counties. Parents should not drive to public schools to meet their children since children are being safely transported to their registration centers at this time.

Private schools and day care centers within the affected area will transport students to their registration centers at about 2) _____
TIME

Parents with children at private schools or day care centers can pick their children up until that time. Only parents with children at private schools or day care centers can meet their children at those private schools and day care centers until _____
TIME

If you are in the affected area, you should evacuate now directly to your predesignated registration center. Registering at these centers will enable friends and relatives to contact you easily. Also, registration center officials can provide a place for you to stay, if you need one. And, if a check for radiation is necessary, officials will perform that check and provide any needed treatment.

All visitors to John Redmond Reservoir should evacuate at this time. Proceed directly to the registration center in Emporia at Emporia State University, 18th and Merchant or Lyon County Fairgrounds, 12th and Industrial.

Patients and resident of hospitals and nursing homes in the affected area are being evacuated to area hospitals. You should not pick them up. We will announce in later broadcasts where they have been transported.

Before you leave, make sure you have closed all windows and doors, turned off all appliances except your refrigerator and freezer, put out any fires, and closed fireplace dampers. Lock all doors and windows. Security for the area is being provided.

As you leave, please tie a white cloth or rag to your doorknob if you live in town. Tie the white cloth to your mailbox if you are a rural resident. The white cloth will tell officials that you have evacuated.

Also, provide for livestock before you leave. Provide livestock with food and water. Pets can stay in your car while you register at registration centers, but they will not be permitted at free public overnight shelters.

You could be away for several days. Lock your homes. Be sure to take things with you that you may need. For example, take extra clothes, medication, bedding, towels, dentures, toiletries, credit cards, and baby food and diapers. Also, take your Emergency Planning Information Booklet.

Drive safely. Given present conditions, you are far more likely to get hurt by acting in haste than you are by radiation. Use designated evacuation routes. Close car windows and air intakes until you are out of the affected area.

Offer a ride to people who may not have a car. If you need a ride, call 316-364-5422. That number again if you need a ride: 316-364-5422. Other people should not use their telephones, except in cases of immediate personal emergency. The telephone lines are needed by emergency workers to get their work done.

REENTRY

EMERGENCY BROADCAST SYSTEM

This is the Emergency Broadcast System. This is not a test.

This emergency message has been authorized by designated government officials and is being broadcast because of an incident at Wolf Creek Generating Station. I repeat THIS IS NOT A TEST.

At _____ today, public health officials determined that
(time of day)
emergency conditions which warranted evacuation of areas around the Wolf Creek plant has been resolved.

Health officials have determined that it is safe for all persons who evacuated from around the plant to return to their homes. Assistance will be available at public shelters to assist evacuees with preparations to return to their homes.

All persons within the affected subzones may resume their normal activities. If there are further instructions for the public in regards to the emergency conditions at Wolf Creek Generating Station, this Emergency Broadcast System station will keep you informed.

END OF ANNOUNCEMENT

(Note to Broadcasters: Please repeat this
repeat this announcement every 15 minutes
until directed otherwise.)

TERMINATION

EMERGENCY BROADCAST SYSTEM

This is the Emergency Broadcast System. This is not a test.

This emergency message has been authorized by government officials and is being broadcast because of an incident at Wolf Creek Generating Station.

I repeat THIS IS NOT A TEST.

At _____ today, public health officials determined that the
(time of day)
emergency resulting in activation of the Emergency Broadcast System no longer represents a threat to health and safety of area residents. This is the last Emergency Broadcast System announcement that will be made.

There is no longer any condition at the Wolf Creek Generating Station which presents a threat to area residents. Persons around the plant can resume normal activities.

END OF ANNOUNCEMENT

(Note to Broadcasters: Please repeat this announcement every 15 minutes until directed otherwise.)

Attachment 2
**WOLF CREEK GENERATING STATION
 IMMEDIATE NOTIFICATION FORM**

MESSAGE # _____

1. STATUS

- A ACTUAL
- B EXERCISE/DRILL/TEST

2. EMERGENCY CLASSIFICATION

- A NOTIFICATION OF UNUSUAL EVENT
- B ALERT
- C SITE AREA EMERGENCY
- D GENERAL EMERGENCY
- E RECOVERY/REENTRY
- F TERMINATION

3. TIME OF CLASSIFICATION

_____ TIME _____

4. TYPE OF ACCIDENT

- A FIRE/EXPLOSION
- B PLANT SYSTEM MALFUNCTION
- C LOSS OF COOLANT
- D SECURITY THREAT
- E RADIOLOGICAL RELEASE
- F NATURAL PHENOMENON
- G PERSONNEL INJURY
- H OTHER _____

**5. RADIOLOGICAL
 RELEASE STATUS**

- A
- B POTENTIAL
- C IN PROGRESS
- D TERMINATED

6. WIND DATA

WIND DIRECTION:
 FROM _____ TO _____
 WIND SPEED: _____ MPH

7. RECOMMENDED PROTECTIVE ACTIONS

- A NOT APPLICABLE (INITIAL NOTIFICATION FOR INFORMATION ONLY)
- B PREPARE FOR POSSIBLE ACTIONS INVOLVING THE PUBLIC
- C NOTIFY PUBLIC TO TAKE THE FOLLOWING PROTECTIVE ACTIONS

AFFECTED EPZ	SUBZONE	CIRCLE ACTION TO TAKE
0 - 2 MILES	A0	SHELTER / EVACUATE
	A1	SHELTER / EVACUATE
2 - 5 MILES	B1	SHELTER / EVACUATE
	C1	SHELTER / EVACUATE
5 - 10 MILES	D1	SHELTER / EVACUATE
	E1	SHELTER / EVACUATE
	A2	SHELTER / EVACUATE
	B2	SHELTER / EVACUATE
	C2	SHELTER / EVACUATE
	C3	SHELTER / EVACUATE
	C4	SHELTER / EVACUATE
	D2	SHELTER / EVACUATE
D3	SHELTER / EVACUATE	
E2	SHELTER / EVACUATE	
E3	SHELTER / EVACUATE	
E4	SHELTER / EVACUATE	

D PLACE MILK PRODUCING ANIMALS ON STORED FEED OUT TO _____ MIL IN DOWNWIND SECTORS A, B, C, D, E, F, G, H, J, K, L, M, N, P, Q, R (CIRCLE AFFECTED SECTORS).

8. VERIFICATION

MESSAGE TRANSMITTED
 BY/RECEIVED FROM: _____
NAME TIME/DATE
 VERIFIED CODE: _____
(COUNTY ONLY)
 VERIFIED WITH: _____
NAME
 MESSAGE RECEIVED BY: _____
YOUR NAME

VERIFICATION PHONE NUMBERS (CALL ONE):

KANSAS GAS & ELECTRIC - 364-8840

STATE OF KANSAS (913) 296-3176

COFFEY COUNTY 364-2123

9. THE FOLLOWING HAVE BEEN NOTIFIED:

- A COFFEY COUNTY
- B STATE DIVISION OF EMERGENCY PREPAREDNESS
- C USNRC

10. NOTIFICATION APPROVAL:

Attachment 3
**WOLF CREEK GENERATING STATION
 FOLLOWUP NOTIFICATION FORM**

MESSAGE # _____

1. STATUS

- ACTUAL
- EXERCISE/DRILL/TEST

2. EMERGENCY CLASSIFICATION

- NOTIFICATION OF UNUSUAL EVENT
- ALERT
- SITE AREA EMERGENCY
- GENERAL EMERGENCY
- RECOVERY/REENTRY
- TERMINATED

3. CURRENT PLANT CONDITION

- IMPROVING
- STABILIZED
- DEGRADING

4. RADIOLOGICAL RELEASE STATUS

- _____ DATE _____ TIME
- NONE
 - POTENTIAL
 - IN PROGRESS EST. DURATION _____ HRS
 - TERMINATED

5. METEOROLOGICAL DATA

WIND: DIRECTION FROM _____ TO _____
 SPEED _____ MPH
 STABILITY CLASS _____
 PRECIPITATION YES/NO _____
 WEATHER FORECAST _____

6. RADIOLOGICAL SOURCE TERM DATA

- RADIATION MONITORING SYSTEM
- SAMPLE ANALYSIS
- OFFSITE FIELD MONITORING DATA
- FSAR SOURCE TERM ESTIMATE

7. RELEASE RATES AT TIME = _____

NOBLE GAS _____ CI/SEC
 RADIOIODINE _____ CI/SEC

8. PLUME TRAVEL FROM SITE AT TIME = _____

_____ MILES _____ AFFECTED SECTOR

9. DOSE RATES (CALCULATED) AT TIME = _____

	EAR	2 MI	5 MI	10 MI
WHOLE BODY REM/HR	_____	_____	_____	_____
THYROID REM/HR	_____	_____	_____	_____

10. DOSE RATES (OFFSITE FIELD DATA) AT TIME = _____

LOCATION	_____	_____	_____	_____
WHOLE BODY REM/HR	_____	_____	_____	_____
THYROID REM/HR	_____	_____	_____	_____

11. PROJECTED INTEGRATED DOSES AT TIME = _____

	EAR	2 MI	5 MI	10 MI
WHOLE BODY REM	_____	_____	_____	_____
THYROID REM	_____	_____	_____	_____

12. COMMENTS: _____

13. NOTIFICATION APPROVAL

_____ NAME/TITLE/TIME

14. OFFSITE NOTIFICATIONS

	RECEIVED BY/FROM	TIME
COFFEY COUNTY	_____	_____
STATE OF KANSAS	_____	_____
USNRC	_____	_____

ATTACHMENT 27-6 (1 of 4)

NUMBER, TYPE AND LOCATION OF DOSIMETRY
FOR EMERGENCY WORKERS (FIRST SHIFT) (A)

Type of Worker	Total No. of People 1st Shift	No. CIV-138 (0-200 MR)	No. CIV-730 (0-20 R)	No. CIV-742 (0-200 R)	Location of Dosimetry
Sheriff's Deputies (9 Vehicles in Roving Patrol)	9	9		18	Sheriff's Vehicles
<u>EOC Personnel</u>	20				
Dispatchers (2)				2	County EOC
Sheriff (1)				1	" "
EPC (1)				1	" "
RDO (1)				1	" "
SSO (1)				1	" "
Cty Attorney (1)				1	" "
Cty Commiss. (5)				5	" "
Clerical (4)				4	" "
EOC Guard (1)		1			" "
EMT (1)				1	" "
Cty Eng (1)				1	" "
Fire Leader (1)				1	" "
<u>County Engineer</u>	50				
Special Notifications and Secondary Road- blocks (4)			4		County Shop
Access Control (4)			4		County Shop
Transportation Assistance and Evacuation Confirmation (11)			11		County Shop

ATTACHMENT 4

ATTACHMENT 27-6 (2 of 4)

Type of Worker	Total No. of People 1st Shift	No. CDV-138 (0-200 MR)	No. CDV-730 (0-20 R)	No. CDV-742 (0-200 R)	Location of Dosimetry
Emergency Rescue & Confirmation (6)			6		County Shop
Sanding & Salting Confirmation (4)			4		County Shop
Snow Clearing & Confirmation (13)			13		County Shop
Evacuation Confirmation (6)			6		County Shop
Shop Foreman & Assistant (2)				2	County Shop
<u>Access Control Rad Monitoring Pers. (6)</u>	6	6			County Shop
<u>Joint Rad Mtr Team Personnel (7)</u>	7	7			County EOC
<u>Health & Medical Mgt. Team (Minus Team Leader who is in EOC) (3)</u>	3	3			County EOC
<u>Ambulance Drivers & Funeral Directors (B)</u>	62				
Coffey County Ambulance (4)				4	Coffey Cty Hospital
Burlington Funeral Director (10)				10	County EOC
Ambulance and Funeral Directors from Outside area (C)				48	County Shop (to be brought to area control room)

ATTACHMENT 4

Type of Worker	Total No. of People 1st Shift	No. CDV-138 (0-200 MR)	No. CDV-730 (0-20 R)	No. CDV-742 (0-200 R)	Location of Dosimetry
<u>Fire Departments Personnel (B)</u>	54				
Burlington F.D. (12)		6		6	Burlington F.D.
LeRoy F.D. (12)		6		6	LeRoy F.D.
Waverly F.D. (12)		6		6	Waverly F.D.
Fire Depts. Outside EPZ (18) (D)		9		9	County Shop (to be brought to access ctr. pts.)
<u>Medical Facilities</u>	53				
Coffey Cty Hospital (17)		3		14	Coffey Cty Hospital
Golden Age Lodge (22)		3		19	Golden Age Lodge
Sunset Manor (14) Nursing Home		3		11	Sunset Manor Nursing Home
<u>School Bus Drivers</u>	35				
Burlington (10)		10			School Bus
LeRoy (5)		5			Emergency Kit
Waverly (7)		7			
Lebo (8)		8			
Gridley (5)		5			County Shop (to be brought to access ctr. pts.)
Total (5)	299	97	48	172	

ATTACHMENT 4

Attachment 27-6 (4 of 4)

Notes:

- A) First shift is the most critical shift. It is the one where the maximum number of emergency workers would be involved. After the first 12 hours of the emergency, the number of workers involved would be reduced considerably.
- B) Two Drivers Per Vehicle.
- C) Assumptions:
 - 1) Total of approximately 46 people in EPZ which require ambulance assistance. This includes:
 - a. 25 residents at Golden Age Lodge (Ref: Telecon, G. Willant 1/19/84)
 - b. 7 residents at Sunset Manor (Ref: Telecon, G. Willant 1/11/84)
 - c. 4 patients at Coffey County Hospital (Ref: CPLAN Pg. 16-6)
 - d. 10 residents in EPZ (Ref: from County Survey)
 - 2) An ambulance or funeral coach can accommodate two people at a time.
 - 3) Two dosimeters will be provided to each vehicle entering the EPZ.
- D) Fire Departments Outside EPZ: Lebo - 5 vehicles
Gridley - 4 vehicles

Attachment 4