

WOLF CREEK NUCLEAR OPERATING CORPORATION

WOLF CREEK GENERATING STATION

DOCKET NO. 50-482

EMERGENCY PREPAREDNESS

1991 FIELD EXERCISE

SCENARIO

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on

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SECTION 1.0

INTRODUCTION

To assure that adequate measures are available to protect the health and safety of the general public in the Coffey County area during an incident at the Wolf Creek Generating Station (WCGS), it is necessary to conduct an annual emergency preparedness exercise which requires the full participation of the Wolf Creek Nuclear Operating Corporation (WCNOC) Emergency Response Organization (ERO), plus State and County emergency response personnel. Federal agencies will evaluate and critique the annual exercise to assure proper response can be implemented during an actual emergency at WCGS.

Exercise participants do not have prior knowledge of the accident scenario or of the starting time of the exercise. The exercise should demonstrate that those individuals and agencies who are assigned responsibilities in a radiological emergency are adequately trained to perform according to current plans and procedures. Furthermore, this exercise will provide training for ERO personnel, and identify any potential problem areas in the overall emergency planning program.

This manual has been prepared to assist the exercise controllers, evaluators, and observers in the conduct and evaluation of the exercise. It contains all of the information and data necessary to conduct this exercise in an efficient and coordinated manner, and is organized as follows:

Section 2.0 Objectives and Guidelines

This section defines the exercise objectives for the licensee, State of Kansas and Coffey County, and sets forth guidelines for the conduct of the exercise to meet those objectives.

Section 3.0 Scenario and Timeline

This section describes the postulated sequence of events occurring at WCGS which requires the ERO to respond.

Section 4.0 Controller Messages

This section contains the exercise messages utilized to control the development of the exercise scenario.

Section 5.0 Plant Data

This section contains information concerning designated plant parameters. They are updated every 15 minutes throughout the Exercise. To assure that adequate operational data is available in the event of a simulator failure, graphs of the plant parameter information have been included in this section.

Section 6.0 Meteorological Data

This section contains information about the meteorological conditions in the Coffey County area which will be utilized during the conduct of the exercise.

Section 7.0 Onsite Radiological Data

This section contains information about radiological conditions at the various onsite monitoring locations. Also included in this section is primary and secondary systems radiochemistry, containment atmosphere radiochemistry, and in-plant radiation data.

Section 8.0 Offsite Radiological Data

This section contains information about radiological conditions at the various offsite monitoring locations.

Section 9.0 Controllers' Instructions

This section provides general instructions to the exercise controllers in the conduct of the exercise.

Section 10.0 Evaluators' Instructions

This section provides general instructions and evaluation criteria to the exercise controllers for evaluating the responses of the exercise participants. Evaluator's Log Sheets are also provided in this section.

Copies of this manual will be provided to exercise controllers, evaluators, and selected observers prior to the exercise. Following the exercise, copies of this manual may be distributed to key exercise participants.

SECTION 2.0

OBJECTIVES AND GUIDELINES

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OBJECTIVES

Specific objectives to be achieved during the exercise originate from discussions among the Wolf Creek Nuclear Operating Corporation (WCNOC), State of Kansas, Coffey County, Nuclear Regulatory Commission - Region IV (NRC), and the Federal Emergency Management Agency - Region VII (FEMA).

The listing of objectives is divided into three groups: WCNOC, State, and Local. The WCNOC objectives were obtained from NRC Inspection Procedure 82302. Group I objectives are to be demonstrated during each annual Exercise. Group II objectives are to be demonstrated at least once during a 5 year period. Like the State and County objectives, the Licensee's objectives are segregated by the facility or group which will demonstrate the objective.

Each objective for each WCNOC, State and Local facility/team will be designated with a "na", "--" or a "D". Certain parts of some objectives have been enclosed in brackets. This is to indicate it is a two part objective. If both parts of the objective are to be demonstrated, a single "D" will appear in the facility/team column. Likewise, if both parts are not applicable (na) or not to be demonstrated (--) at this exercise, then only a single "na" or "--" will be present in the facility/team column. However, if only the bracketed part of the objective is to be demonstrated (D) and the part outside the brackets is not applicable (na), then in the facility/team column a "D" would appear in brackets and a "na" would appear without brackets.

A list of abbreviations used in assigning responsibilities for objectives follows.

LIST OF ABBREVIATIONS

CEOC	Coffey County Emergency Operations Center
CR	Control Room
CRBD	Coffey County Road and Bridge Department
D	Objective to be Demonstrated
DA&FT COORD	Dose Assessment and Field Team Coordination
EOF	Emergency Operations Facility
EOFS	Emergency Operations Facility, State Dose Assessment Group
IC	Information Clearinghouse
JRMT	Joint Radiological Monitoring Team
KCPL GO	Kansas City Power and Light General Office
LC AMB	Lyon County Ambulance Service
MED	Medical
MI	Media Inquiry
MM	Media Monitoring
MRC	Media Release Center
na	Objective Not Applicable to Facility/Function
OMT	Offsite Monitoring Team
OSC	Operations Support Center
PASS/ERDC	Post-Accident Sampling System/Emergency Repair-Damage Control Team
PC	Public Concern
Rad Lab	Radiation Laboratory, Bureau of Air Quality and Radiation Control
RCC	Reception and Care Center
School	Coffey County Schools
SEC	Security (WCNOC)

SEOC	State Emergency Operations Center
SFRMC	St. Francis Regional Medical Center
SFSA	State Forward Staging Area
TBD	To Be Determined
TSC	Technical Support Center
WOEC	Wichita Office Emergency Center
--	Objective Not to be Demonstrated

1991 OBJECTIVES

WCNOC

Group I OBJECTIVES (every year)	CR	SEC	TSC	PASS/ KRDC	OSC	OMT/ JRM	BOF	WDEC	IC/ MRC	MI	PC	MM	KCPL G.O.	MED
1. Accident detection and assessment	D	na	D	na	D	na	D	--	na	na	na	na	na	na
2. Emergency classification	D	na	D	na	na	na	D	na	na	na	na	na	na	na
3. Notification of onsite and offsite emergency responders	D	na	D	na	na	na	D	na	na	na	na	na	na	na
4. Communications	D	D	D	D	D	D	D	--	D	D	D	D	D	D
5. Radiological exposure control	D	na	D	D	D	D	D	na	na	na	na	na	na	D
6. Protective action recommendations	D	na	D	na	na	na	D	na	na	na	na	na	na	na
7. Staff augmentation	na	na	na	na	na	na	na	--	D	D	D	D	D	na
8. Shift staffing	D	na	D	na	D	na	D	na	na	na	na	na	na	na
Group II OBJECTIVES (once every five years)														
1. Off-hours staffing (6 p.m. to 4 a.m.)	--	na	--	na	--	na	--	na	--	na	na	na	na	na
2. Activation of emergency news center (Joint Information Center)	na	na	na	na	na	na	na	na	--	na	na	na	na	na
3. Use of fire control teams	--	na	--	--	--	na	na	na	na	na	na	na	na	na
4. Use of first aid and/or rescue teams	--	--	--	--	--	na	na	na	na	na	na	na	na	--
5. Use of medical support personnel	--	--	--	na	na	na	na	na	na	na	na	na	na	--
6. Use of licensee's headquarters support personnel	na	na	na	na	na	na	--	--	na	na	na	na	na	na

1991 OBJECTIVES

WCNOC

Group II OBJECTIVES (once every five years)	CR	SEC	TSC	PASS/ ERDC	OSC	OMT/ JRMV	EOF	WDEC	IC/ MRC	MI	PC	MM	KCPL G.O.	MOD
7. Use of security personnel to provide prompt access for emergency equipment and support	--	--	na	na	na	na	na	na	na	na	na	na	na	na
8. Use of backup communications	--	na	--	na	na	na	--	na	na	na	na	na	na	na
9. Rumor Control	na	na	na	na	na	na	na	na	--	--	--	--	--	na
10. Use of emergency power (where not a part of plant safety systems, e.g. TSC)	na	na	--	na	na	na	--	na	na	na	na	na	na	na
11. Evacuation of Emergency Response Facilities (ERFs) and relocation to backup ERFs where applicable	--	na	--	na	--	na	--	na	na	na	na	na	na	na
12. Ingestion pathway exercise	na	na	na	na	na	na	na	na	D	na	na	na	na	na
13. Field monitoring, including soil, vegetation and water sampling	na	na	na	na	--	--	--	na	na	na	na	na	na	na
14. Capability for determining the magnitude and impact of the particular components of a release	--	na	--	na	na	na	--	na	na	na	na	na	na	na
15. Capability for post-accident coolant sampling and analysis	na	na	--	--	--	na	na	na	na	na	na	na	na	na
16. Use of potassium iodide	--	na	--	--	--	--	--	na	na	na	na	na	na	na
17. Assembly and accountability	--	--	--	na	--	na	--	na	na	na	na	na	na	na
18. Recovery and reentry	--	na	--	--	--	na	--	na	na	na	na	na	na	na

- NOTE: 1.) Weakness 482/9029-01, "failure of the CR to staff as needed in the CR during an emergency." This will be addressed by the demonstration of Objective I(3).
- 2.) Weakness 482/9029-03, "failure to ensure that information contained in notification messages issued by the EOF was accurate." This will be addressed by the demonstration of Objective I(3).
- 3.) Followup Item 482/9029-02, Inadequate logkeeping in the CR. This will be addressed by the demonstration of Objective I(4).

1991 OBJECTIVES

STATE

OBJECTIVES	SROC	EOPS		JRMT	SPSA	IC	MRC	RAD LAB
		BOF	DA&PT COORD					
EMERGENCY CLASSIFICATION LEVELS								
1. Demonstrate the ability to monitor, understand and use emergency classification levels (ECL) through the appropriate implementation of emergency functions and activities corresponding to ECL's as required by the scenario. The four ECL's are: Notification of Unusual Event, Alert, Site Area Emergency and General Emergency.	D	D	na	na	na	D	D	na
MOBILIZATION OF EMERGENCY PERSONNEL								
2. Demonstrate the ability to fully alert, mobilize and activate personnel for both facility and field-based emergency functions.	D	D	D	D	D	D	D	na
DIRECTION AND CONTROL								
3. Demonstrate ability to direct, coordinate and control emergency activities.	D	D	D	na	D	D	D	na
COMMUNICATIONS								
4. Demonstrate the ability to communicate with all appropriate locations, organizations and field personnel.	D	D	D	D	D	D	D	na

1991 OBJECTIVES

STATE

OBJECTIVES	SROC	EDPS		JHMT	SPSA	IC	MEC	RAD LAB
		EDP	DA&PT COORD					
FACILITIES EQUIPMENT AND DISPLAYS								
5. Demonstrate the adequacy of facilities, equipment, displays and other materials to support emergency operations.	D	D	D	na	na	D	D	na
EMERGENCY WORKER EXPOSURE CONTROL								
6. Demonstrate the ability to continuously monitor and control emergency worker exposure.	na	D	D	D	D	na	na	D
FIELD RADIOLOGICAL MONITORING								
7. Demonstrate the appropriate equipment and procedures for determining field radiation measurements.	na	na	na	D	na	na	na	na
8. Demonstrate the appropriate equipment and procedures for the measurement of airborne radiiodine concentrations as low as 10 E-7 microcurie per cc in the presence of noble gases.	na	na	na	D	na	na	na	na
9. Demonstrate the ability to {obtain samples of particulate activity in the airborne plume and} promptly perform laboratory analyses.	na	{na} na	{na} na	{D} na	na	na	na	{na} D
PLUME DOSE PROJECTION								
10. Demonstrate the ability, within the plume exposure pathway, to project dosage to the public via plume exposure, based on plant and field data.	na	na	D	na	na	na	na	na

1991 OBJECTIVES

STATE

OBJECTIVES	SEOC	EOFS		JRMT	SFSA	IC	MRC	RAD LAB
		EOF	DA FT COORD					
PLUME PROTECTIVE ACTION DECISION MAKING								
11. Demonstrate the ability to make appropriate protective action decisions, based on projected or actual dosage, EPA PAG's, availability of adequate shelter, evacuation time estimates and other relevant factors.	D	na	D	na	na	na	na	na
ALERT NOTIFICATION AND EMERGENCY INFORMATION								
12. Demonstrate the ability to initially alert the public within the 10-mile EPZ and begin dissemination of an instructional message within 15 minutes of a decision by appropriate State and/or local official(s).	D	na	na	na	na	na	na	na
13. Demonstrate the ability to coordinate the formulation and dissemination of accurate information and instructions to the public in a timely fashion after the initial alert and notification has occurred.	D	na	na	na	na	na	na	na
14. Demonstrate the ability to brief the media in an accurate, coordinated and timely manner.	na	na	na	na	na	na	D	na
15. Demonstrate the ability to establish and operate rumor control in a coordinated and timely fashion.	na	na	na	na	na	D	na	na
USE OF KI								
16. Demonstrate the ability to make the decision to recommend the use of KI to emergency workers and institutionalized persons, based on predetermined criteria, as well as to distribute and administer it once the decision is made, if necessitated by radioiodine releases.	na	D	D	D	D	na	na	na

1991 OBJECTIVES

STATE

OBJECTIVES	SEOC	EOFS		JRMT	SPSA	IC	MRC	RAD LAB
		EOF	DA&FT COORD					
USE OF KI (Cont'd)								
17. Demonstrate the ability to make the decision, if the State plan so specifies, to recommend the use of KI for the general public, based on predetermined criteria, as well as to distribute and administer it once the decision is made, if necessitated by radioiodine releases.	The State of Kansas does not recommend the use of KI for the general public. (State Plan Section 1.3.1 Tab J)							
IMPLEMENTATION OF PROTECTIVE ACTIONS								
18. Demonstrate the ability and resources necessary to implement appropriate protective actions for the impacted permanent and transient plume EP2 populations (including transit-dependent persons, special needs population, handicapped persons and institutionalized persons)	na	na	na	na	na	na	na	na
19. Demonstrate the ability and resources necessary to implement appropriate protective actions for school children within the plume EP2.	na	na	na	na	na	na	na	na
TRAFFIC CONTROL								
20. Demonstrate the organizational ability and resources necessary to control evacuation traffic flow and to control access to evacuated and sheltered area.	D	na	na	na	D	na	na	na
RELOCATION CENTERS (REGISTRATION, MONITORING, CONGREGATE CARE AND DECONTAMINATION)								
21. Demonstrate the adequacy of procedures, facilities, equipment, and personnel for the registration, radiological monitoring and decontamination of evacuees.	na	na	na	na	na	na	na	na

1991 OBJECTIVES

STATE

OBJECTIVES	SEOC	EOFS		JRMT	SFSA	IC	MRC	RAD LAB
		EOF	DA&FT COORD					
RELOCATION CENTERS (REGISTRATION, MONITORING, CONGREGATE CARE AND DECONTAMINATION) (Cont'd)								
22. Demonstrate the adequacy of facilities, equipment and personnel for congregate care of evacuees.	na	na	na	na	na	na	na	na
MEDICAL SERVICES (TRANSPORTATION AND FACILITIES)								
23. Demonstrate the adequacy of vehicles, equipment, procedures and personnel for transporting contaminated, injured or exposed individuals.	na	na	na	na	na	na	na	na
24. Demonstrate the adequacy of medical facilities, equipment, procedures and personnel for handling contaminated, injured or exposed individuals.	na	na	na	na	na	na	na	na
DECONTAMINATION								
25. Demonstrate the ability of facilities, equipment, supplies, procedures and personnel for decontamination of emergency workers, equipment and vehicles and for waste disposal.	na	na	na	na	na	na	na	na
SUPPLEMENTARY ASSISTANCE (FEDERAL/OTHER)								
26. Demonstrate the ability to identify the need for and call up Federal and other outside support agencies' assistance.	D	na	na	na	na	na	na	na
INGESTION EXPOSURE PATHWAY								
27. Demonstrate the appropriate use of equipment and procedures for collection and transport of samples of vegetation, food crops, milk, meat, poultry, water and animal feeds (indigenous to the area and stored).	na	na	na	D	na	na	na	na

1991 OBJECTIVES

STATE

OBJECTIVES	SEOC	EOFS		JRMT	S*SA	IC	MRC	RAD LAB
		EOF	DA&PT COORD					
INGESTION EXPOSURE PATHWAY (Cont'd)								
28. Demonstrate the appropriate lab operations and procedures for measuring and analyzing samples of vegetation, food crops, milk, meat, poultry, water and animal feeds (indigenous to the area and stored).	na	na	na	na	na	na	na	D
29. [Demonstrate the ability to project dosage to the public for ingestion pathway exposure] and determine appropriate protective measures based on field data, FDA PAG's and other relevant factors.	[na] D	na	[D] D	na	na	na	na	na
30. Demonstrate the ability to implement both preventive and emergency protective actions for ingestion pathway hazards.	D	na	na	na	na	na	na	na
RECOVERY, REENTRY AND RELOCATION								
31. Demonstrate the ability to estimate total population exposure.	na	na	D*	na	na	na	na	na
32. Demonstrate the ability to determine appropriate measures for controlled reentry and recovery based on estimated total population exposure, available EPA PAG's and other relevant factors.	--	na	--	na	na	na	na	na

* to be demonstrated only if guidance received from FEMA 120 days prior to the Exercise date

1991 OBJECTIVES

STATE

OBJECTIVES	SEOC	EOFS		JRMT	SPSA	IC	MRC	RAD LAB
		ELF	DA&FT COORD					
RECOVERY, REENTRY AND RELOCATION(Cont'd)								
33. Demonstrate the ability to implement appropriate measures for controlled reentry and recovery.	--	na	-	na	--	na	na	na
MOBILIZATION OF EMERGENCY PERSONNEL (24-HOUR, CONTINUOUS BASIS)								
34. Demonstrate the ability to maintain staffing on a continuous 24-hour basis by an actual shift change.	D	--	D	--	D	--	na	--
35. Demonstrate the ability to coordinate the evacuation of on-site personnel.	na	na	na	na	na	na	na	na
UNANNOUNCED AND OFF-HOURS								
36. Demonstrate the ability to carry out emergency response functions (i.e., activate EOC's, mobilize staff that report to the EOC's, establish communications linkages and complete telephone call down) during an unannounced off-hours drill or exercise. (Objective 36 added as new objective.)	--	--	--	--	na	--	--	na

1991 OBJECTIVES

LOCAL

OBJECTIVES	CROC	JRMT	IC	MRC	CRBD	LeRoy School	LC Amb	SPRMC	Reception & Care Centers				
									Lyon	Franklin	Anderson	Allen	
EMERGENCY CLASSIFICATION LEVELS													
1. Demonstrate the ability to monitor, understand and use emergency classification levels (ECL) through the appropriate implementation of emergency functions and activities corresponding to ECL's as required by the scenario. The four ECL's are: Notification of Unusual Event, Alert, Site Area Emergency and General Emergency.	D	na	D	D	na	na	na	na	na	na	na	na	na
MOBILIZATION OF EMERGENCY PERSONNEL													
2. Demonstrate the ability to fully alert, mobilize and activate personnel for both facility and field-based emergency functions.	D	D	D	D	D	na	na	na	--	--	D	--	--
DIRECTION AND CONTROL													
3. Demonstrate ability to direct, coordinate and control emergency activities.	D	na	D	D	D	na	na	na	--	--	D	--	--
COMMUNICATIONS													
4. Demonstrate the ability to communicate with all appropriate locations, organizations and field personnel.	D	D	D	D	D	D	D	na	--	--	D	--	--

LOCAL

OBJECTIVES	CEOC	JRMV	IC	MRC	CRBD	LeRoy School	LC Amb	SPRMC	Reception & Care Centers				
									Lyon	Franklin	Anderson	Allen	
FACILITIES EQUIPMENT AND DISPLAYS													
5. Demonstrate the adequacy of facilities, equipment, displays and other materials to support emergency operations.	D	na	D	D	D	na	na	na	na	na	na	na	na
EMERGENCY WORKER EXPOSURE CONTROL													
6. Demonstrate the ability to continuously monitor and control emergency worker exposure.	D	D	na	na	D	D	D	D	--	--	D	--	--
FIELD RADIOLOGICAL MONITORING													
7. Demonstrate the appropriate equipment and procedures for determining field radiation measurements.	na	D	na	na	na	na	na	na	na	na	na	na	na
8. Demonstrate the appropriate equipment and procedures for the measurement of airborne radioiodine concentrations as low as 10 E-7 microcurie per cc in the presence of noble gases.	na	D	na	na	na	na	na	na	na	na	na	na	na
9. Demonstrate the ability to [obtain samples of particulate activity in the airborne plume and] promptly perform laboratory analyses.	na	[D] na	na	na	na	na	na	na	na	na	na	na	na
PLUME DOSE PROJECTION													
10. Demonstrate the ability, within the plume exposure pathway, to project dosage to the public via plume exposure, based on plant and field data.	na	na	na	na	na	na	na	na	na	na	na	na	na

1991 OBJECTIVES

LOCAL

OBJECTIVES	CEOC	JRMT	IC	MRC	CRBD	LeRoy School	LC Amb	SFRMC	Reception & Care Centers				
									Lyon	Franklin	Anderson	Allen	
PLUME PROTECTIVE ACTION DECISION MAKING													
11. Demonstrate the ability to make appropriate protective action decisions, based on projected or actual dosage, LVA PAG's, availability of adequate shelter, evacuation time estimates and other relevant factors.	na	na	na	na	na	na	na	na	na	na	na	na	na
ALERT NOTIFICATION AND EMERGENCY INFORMATION													
12. Demonstrate the ability to initially alert the public within the 10-mile EPZ (and begin dissemination of an instructional message) within 15 minutes of a decision by appropriate State and/or local official(s).	D	na	na	na	na	na	na	na	na	na	na	na	na
13. Demonstrate the ability to coordinate the formulation and dissemination of accurate information and instructions to the public in a timely fashion after the initial alert and notification has occurred.	D	na	na	na	na	na	na	na	na	na	na	na	na
14. Demonstrate the ability to brief the media in an accurate, coordinated and timely manner.	na	na	na	D	na	na	na	na	na	na	na	na	na
15. Demonstrate the ability to establish and operate rumor control in a coordinated and timely fashion.	na	na	D	na	na	na	na	na	na	na	na	na	na
USE OF KI													
16. [Demonstrate the ability to make the decision to recommend the use of KI to emergency workers and institutionalized persons, based on predetermined criteria,] (as well as to distribute and administer it) once the decision is made, if necessitated by radioiodine releases.	D	--	na	na	D	D	D	na	na	na	na	na	na

LOCAL

OBJECTIVES	CEOC	JRM	IC	MRC	CRBD	LeRoy School	LC Amb	SPRMC	Reception & Care Centers			
									Lyon	Franklin	Anderson	Allen
USE OF KI (Cont'd)												
17. Demonstrate the ability to make the decision, if the State plan so specifies, to recommend the use of KI for the general public, based on predetermined criteria, as well as to distribute and administer it once the decision is made, if necessitated by radioiodine releases.	The State of Kansas does not recommend the use of KI for the general public. (State Plan Section 1.3.1 Tab J)											
IMPLEMENTATION OF PROTECTIVE ACTIONS												
18. Demonstrate the ability and resources necessary to implement appropriate protective actions for the impacted permanent and transient plume EPZ populations (including transit-dependent persons, special needs population, handicapped persons and institutionalized persons)	D	na	na	na	D	na	na	na	na	na	na	na
19. Demonstrate the ability and resources necessary to implement appropriate protective actions for school children within the plume EPZ.	D	na	na	na	na	D	na	na	na	na	na	na
TRAFFIC CONTROL												
20. Demonstrate the organizational ability and resources necessary to control evacuation traffic flow and to control access to evacuated and sheltered areas.	D	na	na	na	D	na	na	na	na	na	na	na
RELOCATION CENTERS (REGISTRATION, MONITORING, CONGREGATE CARE AND DECONTAMINATION)												
21. Demonstrate the adequacy of procedures, facilities, equipment and personnel for the registration, radiological monitoring and decontamination of evacuees.	na	na	na	na	na	na	na	na	--	--	D	--

1991 OBJECTIVES

LOCAL

OBJECTIVES	CEOC	JHMT	IC	MRC	CRBD	LeRoy School	LC Axb	SPRMC	Reception & Care Centers			
									Lyon	Franklin	Anderson	Allen
RELOCATION CENTERS (REGISTRATION, MONITORING, CONGREGATE CARE AND DECONTAMINATION) (Cont'd)												
22. Demonstrate the adequacy of facilities, equipment and personnel for congregate care of evacuees.	na	na	na	na	na	na	na	na	--	--	D	--
MEDICAL SERVICES (TRANSPORTATION AND FACILITIES)												
23. Demonstrate the adequacy of vehicles, equipment, procedures and personnel for transporting contaminated, injured or exposed individuals.	na	na	na	na	na	na	D	na	na	na	na	na
24. Demonstrate the adequacy of medical facilities, equipment, procedures and personnel for handling contaminated, injured or exposed individuals.	na	na	na	na	na	na	na	D	na	na	na	na
DECONTAMINATION												
25. Demonstrate the adequacy of facilities, equipment, supplies, procedures and personnel for decontamination of emergency workers, equipment and vehicles and for waste disposal.	na	na	na	na	D	na	na	na	--	--	D	--
SUPPLEMENTARY ASSISTANCE (FEDERAL/OTHER)												
26. Demonstrate the ability to identify the need for and call up Federal and other outside support agencies' assistance.	na	na	na	na	na	na	na	na	na	na	na	na
INGESTION EXPOSURE PATHWAY												
27. Demonstrate the appropriate use of equipment and procedures for collection and transport of samples of vegetation, food crops, milk, meat, poultry, water and animal feeds (indigenous to the area and stored).	na	na	na	na	na	na	na	na	na	na	na	na

LOCAL

OBJECTIVES	CBQC	JRMT	IC	MRC	CRBD	Leary School	LC Amb	SPRMC	Reception & Care Centers				
									Lyon	Franklin	Anderson	Allen	
INGESTION EXPOSURE PATHWAY (Cont'd)													
28. Demonstrate the appropriate lab operations and procedures for measuring and analyzing samples of vegetation, food crops, milk, meat, poultry, water and animal feeds (indigenous to the area and stored).	na	na	na	na	na	na	na	na	na	na	na	na	na
29. [Demonstrate the ability to project dosage to the public for ingestion pathway exposure and] determine appropriate protective measures based on field data, FDA PAG's and other relevant factors.	na	na	na	na	na	na	na	na	na	na	na	na	na
30. Demonstrate the ability to implement both preventive and emergency protective actions for ingestion pathway hazards.	na	na	na	na	na	na	na	na	na	na	na	na	na
RECOVERY, REENTRY AND RELOCATION													
31. Demonstrate the ability to estimate total population exposure.	na	na	na	na	na	na	na	na	na	na	na	na	na
32. Demonstrate the ability to determine appropriate measures for controlled reentry and recovery based on estimated total population exposure, available EPA PAG's and other relevant factors.	na	na	na	na	na	na	na	na	na	na	na	na	na

1991 OBJECTIVES

LOCAL

OBJECTIVES	CBOC	JHMT	IC	MRC	CRED	LeRoy School	LC Aab	SPRMC	Reception & Care Centers			
									Lyon	Franklin	Anderson	Allen
RECOVERY, REENTRY AND RELOCATION(Cont'd)												
33. Demonstrate the ability to implement appropriate measures for controlled reentry and recovery.	--	na	na	na	na	na	na	na	na	na	na	na
MOBILIZATION OF EMERGENCY PERSONNEL (24-HOUR, CONTINUOUS BASIS)												
34. Demonstrate the ability to maintain staffing on a continuous 24-hour basis by an actual shift change.	--	--	--	--	--	na	na	na	--	--	D	--
35. Demonstrate the ability to coordinate the evacuation of onsite personnel.	na	na	na	na	na	na	na	na	na	na	na	na
UNANNOUNCED AND OFF-HOURS												
36. Demonstrate the ability to carry out emergency response functions (i.e., activate EOC's, mobilize staff that report to the EOC's, establish communications linkages and complete telephone call down) during an unannounced off-hours drill or exercise.	--	na	--	--	na	na	na	na	na	na	na	na

GUIDELINES

These guidelines define the participants' extent of play in demonstrating the previously listed objectives.

- A. The Exercise will be conducted on Tuesday, August 6, Wednesday, August 7 and Thursday August 8, 1991.
- B.) Participants will not have prior knowledge of the scenario. However, they will receive a briefing on the objectives and guidelines for the Exercise.
- C.) There will only be pre-staging of licensee participants in the Wolf Creek Generating Station (WCGS) Simulator, the Information Clearinghouse (IC) and Media Release Center (MRC) in Topeka. The licensee IC/MRC participants will be allowed into these facilities after simulating a travel time of approximately one hour following the declaration of the alert.
- D.) The following emergency response facilities/functions will be activated during the drill. The date(s) each will be participating is also presented.

1.) Licensee-Wolf Creek Nuclear Operating Corp.

	Tues 8/6	Wed 8/7	Thur 8/8
a.) Control Room (CR)		X	
b.) Technical Support Center (TSC)		X	
c.) Operations Support Center (OSC)		X	
d.) Onsite Survey Teams (OSTs)		X	
e.) Security		X	
f.) Offsite Monitoring Teams (OMTs)		X	
g.) Joint Radiological Monitoring Teams (JRMTs)		X	
h.) Emergency Operations Facility (EOF)		X	
i.) Informations Clearinghouse (IC)		X	X
j.) Media Release Center (MRC)		X	
k.) General Office - KCP&L		X	
l.) Media Inquiry/Public Concern/ Media Monitoring-Wichita Office		X	

GUIDELINES

2. State - Kansas

	Tues 8/6	Wed 8/7	Thur 8/8
a.) Emergency Operations Center (SEOC)		X	X
b.) Emergency Operations Facility (EOFS)			
1. Radiological Assessment		X	X
2. Emergency Preparedness		X	X
c.) Information Clearinghouse (IC)		X	X
d.) Media Release Center (MRC)		X	
e.) Rad Lab			X
f.) Forward Staging Area		X	

3. Local

a. Coffey County			
1. Emergency Operations Center (CEOC)		X	
2. County Road and Bridge Department Shop (CREB)		X	
3. Information Clearinghouse (IC)		X	X
4. Media Release Center (MRC)		X	
5. LeRoy School			X
6. LeRoy Bus Driver			X
b. Anderson County			
1. Registration Center	X		
2. Shelter	X		
c. Lyon County			
1. Ambulance Service	X		
d. St. Francis Regional Medical Center (Wichita)	X		

E. Pre-staging of State and Local groups will occur as follows:

1. The simulated contaminated injured individual will be staged within the city limits of Emporia. The assumption is this person is within the 10-mile Emergency Planning Zone (EPZ), but because of time constraints, the patient will be located in Emporia. This simulation will cause the ambulance personnel to be in protective clothing and dosimetry as they would if they were responding in the EPZ.

During transport to St. Francis Regional Medical Center (SFRMC), contamination control techniques will be demonstrated by the ambulance personnel for a period of ten minutes after loading the patient and for ten minutes prior to arriving at SFRMC. Upon arrival at SFRMC, the appropriate objectives will be demonstrated.

Communications between the ambulance and SFRMC will be tested periodically enroute.

GUIDELINES

2. State of Kansas Dose Assessment and Emergency Preparedness personnel will be pre-staged in a room in the WCNOG Training Center by 0900 hours, Wednesday, August 7. They will be allowed in to the EOF immediately after the EOF is declared activated. While they wait to be let into the EOF, they will be in contact with the State EOC via commercial phone.
3. State of Kansas Dose Assessment and Emergency Preparedness personnel will perform their functions from the State EOC in Topeka on Thursday, August 8.
4. State Forward Staging Area personnel will be in position by 1000 hours, Wednesday, August 7. The demonstration of their objectives will be dictated by the scenario.
- F. The CR will be simulated from the plant simulator. A full shift complement of operators will staff the simulator.
- G. All communications involving the CR will be duplicated in the simulator, except for the Emergency Notification System (ENS) dedicated line and the State/County radios. A commercial telephone will be used in the simulator for the ENS.
- H. Fire protection panels (KC008) are not duplicated on the plant simulator and will be simulated.
- I. Operational and meteorological initial conditions will be established prior to the start of the exercise and will be distributed to those players who would, under actual conditions, be aware of this information.
- J. Participation by onsite personnel directly involved with emergency response shall be carried out to the fullest extent possible without affecting plant operations or plant safety.
- K. The phrase, "This is a drill", will begin and end all radio and telephone transmissions performed in response to scenario events.
- L. If the scenario requires that an organization not participating in the exercise be contacted, it shall be contacted for the purpose of checking communications only.

SECTION 3.0

SCENARIO AND TIMELINE

<u>Subsections</u>	<u>Page</u>
SCENARIO	
Initial Conditions	3.2
Summary	3.4
TIMELINE	
Chart	3.11

SCENARIO

A summary of the scenario events is provided in the following subsection.

Operational events will be conducted as written. Other events may vary from those written according to the actions of the players.

INITIAL CONDITIONS

Page 1 of 2

Operations

The plant has been operating at or above 90% of full power for the last 15 days on the fifth cycle of an end of life (EOL) core. The WCGS electrical power system is in a very high demand situation. Plant operation is normal.

Chemical and volume control of the reactor coolant system is being provided by the positive displacement pump (PDP). Letdown flow is 75 gpm.

Maintenance work in progress is as follows:

1. Change the oil and clean the oil filter on PEM01B (Intermediate Head - Safety Injection Pump B).
2. Drain line from SGL13B, Containment Spray Pump PEN01B Room Cooler is found to have water draining from it at 0.5 gallons per minute. A work request has been written to remove the inspection covers and look for the leak.
3. Conduct precharge check of Accumulator #1 on AEFV 0039, per STN-AE-001.
4. Electrical Maintenance is performing preventive maintenance procedure MPE E009Q-02 on centrifugal charging pump - B(CCP-B) circuit breaker, NB00201.

The ERFIS function of the Nuclear Plant Information System (NPIS) is unavailable until Friday, August 31.

Meteorological

It is an overcast day with winds out of the northwest at 10 mph. The ambient temperature is 21° C (70° F). Last night, 0.10" of precipitation was recorded.

INITIAL CONDITIONS

Page 2 of 2

Radiochemistry

Following is the latest isotopic analysis performed on the reactor coolant system (RCS). The analysis was performed at 0730 on 08-07-91.

<u>Nuclide</u>	<u>Activity (uCi/cc)</u>	<u>Nuclide</u>	<u>Activity (uCi/cc)</u>
Kr-85m	1.61E-02	Rb-88	7.22E-03
Kr-87	1.40E-02	Cs-134	2.90E-04
Kr-88	3.07E-02	Cs-137	1.61E-04
Xe-133m	8.75E-03	Ce-144	1.15E-07
Xe-133	4.64E-01	La-140	1.78E-06
Xe-135m	9.74E-02	Ba-140	2.15E-03
Xe-135	8.25E-02		
Total Noble Gas = <u>7.13E-01</u>		Total Particulate = <u>9.82E-03</u>	
I-131	1.82E-03	RCS I-131 EQUIV. IS 4.80E-03	
I-132	6.75E-03		
I-133	6.52E-03		
I-134	1.15E-02	Total Activity = <u>7.68E-01</u>	
I-135	9.30E-03		
Total Iodines = <u>3.59E-02</u>			

SCENARIO

NARRATIVE SUMMARY

Initial conditions establish the plant operating at or above 90% of full power for the last 15 days on the fifth cycle core (EOL). The WCGS electrical power system is in a very high demand situation. Plant operation is normal.

Chemical and volume control of the reactor coolant system is being provided by the positive displacement pump (PDP). Letdown flow is 75 gpm.

Several maintenance projects are in progress. They involve the following pieces of equipment:

- Oil Change on PEM01B
- Room Cooler (SGL 13B) Preventive Maintenance for Containment Spray Pump B Leak
- Pre-charge check of N₂ on feedwater isolation valve (AEFV 0039)
- Preventive maintenance procedure MPE E009Q-02 on Centrifugal Charging Pump-B (CCP-B) circuit breaker, NB 00201.

See the Initial Conditions for more detail.

At 0730, the Control Room shift crew relieves the mid-shift crew. Plant operations are normal until 0800, when annunciators 98C "R Spectrum OBE Exceeded" and 98D "OBE" alarms in the Control Room. Effects of an earthquake are felt and reported to the Control Room. The Shift Supervisor begins a power reduction and declares an **ALERT** because of the above reports and acceleration of less than 0.15g and greater than or equal to 0.06g.

Offsite notifications are made by the Shift Clerk per EPP 01-3.1. Site personnel are notified of the situation through the activation of the plant emergency alarm and the reading of the message found in EPP 01-2.2. Accountability of personnel inside the Protected Area Boundary (PAB) would normally occur at this time. However, for Exercise purposes, only those persons pre-designated to participate in the Exercise will leave their normal work stations.

Power reduction continues. The Technical Support Center is activated at approximately 0835. Personnel have also begun to staff the Operations Support Center (OSC) and the Emergency Operations Facility (EOF). County and State Emergency Operations Centers are activated by about 0900.

At 0930 a 10,000 gpm cold leg LOCA occurs. The reactor trips. Safety Injection (SI) is initiated but SI Pump-A (PEM01A) fails to start. The start-up transformer faults resulting in a loss of Reactor Coolant Pumps (RCPs).

A **SITE AREA EMERGENCY** should be declared based on a loss of one fission product barrier and a challenge to fuel integrity due to limited Emergency Core Cooling System (ECCS) function.

An Exclusion Area Evacuation should be simulated. Offsite notifications should be completed. Protective Action Recommendations (PARs) should include evacuating John Redmond Reservoir (JRR). The EOF should promptly assume command and control of the emergency.

The core is uncovered for approximately 10 minutes causing greater than 50 % fuel clad damage and 10 % fuel overtemperature. Hydrogen gas production builds despite starting hydrogen recombiners. At 1100 a hydrogen burn breaches containment through the equipment hatch. The 26 psig pressure spike is not enough to activate containment spray. Release of unfiltered radioactive material to the environment commences. Portal monitors in SAS begin to alarm. This provides the indication that a radioactive release is in progress. A **GENERAL EMERGENCY** is declared due to the loss of all three fission product barriers.

PARs should include evacuating JRR, CTR and subzones 2-5 miles downwind and sheltering those 5-10 miles downwind.

A team is dispatched to close the equipment hatch. They find the hatch has resealed itself at 1200 following pressure reduction. Air samples taken after resealing confirm normal background readings.

At about 1400, WCNOG, the State and the NRC agree that conditions have stabilized enough to go into a **RECOVERY/REENTRY** mode. The 1901 Field Exercise day 1 closes with a critique of the day's events.

The Exercise resumes the next morning at about 0800 with the State evaluating the deposition of radioactive material and the extent and severity of contamination inside the 50 mile Ingestion Exposure Pathway Emergency Planning Zone (EPZ). The State coordinates an action plan to deal with contamination and possible contamination of food products to fulfill Ingestion Pathway objectives.

At approximately 1400, day 2 of the Exercise is terminated.

TIMELINE

A timeline chart indicating times of significant scenario events is provided in the following subsection.

Operational events will occur as stated in the timeline, however, times may vary slightly in order to provide players freedom of play.

TIMELINE

SUMMARY

<u>TIME</u>	<u>PLANT EVENT SUMMARY</u>
0730 (H+00:00)	- Exercise begins. Initial conditions provided to the Shift Supervisor, the DED, AEC, OEC, REC, TSC, MEC and the OSC Supervisor, plus the DEM, TRM, KAM and ARM.
0800 (H+00:30)	- Annunciator Windows 98C and 68D in alarm and earthquake effects felt.
0805 (H+00:35)	- ALERT should be declared. Plant walkdowns by NSOs expected and Site accountability should be performed (simulated).
0835 (H+01:05)	- TSC/OSC activated. Plant walkdowns now include engineers.
0900 (H+01:30)	- IC/MRC staff now in Topeka. State & County EOCs activated. OMTs ready to dispatch. 1st news statement issued.
0930 (H+02:00)	- 10,000 gpm cold leg LOCA. Reactor Trips, SI initiated. PEM01A (Safety Injection Pump-A) fails to start. Start-up transformer faults causing loss of Reactor Coolant Pumps (RCPs).
0936 (H+02:06)	- Transition to EMG FR-C2 (Response to Degraded Core Cooling).
0939 (H+02:09)	- Core Exit Thermocouple > 1200 F. Transition to EMG FR-C1 (Response to Inadequate Core Cooling).
0940 (H+02:10)	- SR detectors energized.
0943 (H+02:13)	- MSIVs closed. Commenced SG depressurization.
0945 (H+02:15)	- SITE AREA EMERGENCY should be declared. Exclusion area evacuation should begin. JRR evacuation should begin. EOF and IC/MRC activated.
0946 (H+02:16)	- SI Accumulators dump. Any ECCS pump that has been undergoing maintenance may be given back including the start-up transformer.

NOTE: Times are only approximations based on previous simulator runs. Bold faced times indicate when events will appear on the simulator.

TIMELINE

SUMMARY

TIME

PLANT EVENT SUMMARY

0953 (H+02:23)	- Transition to EMG E-1 (Loss of Reactor or Secondary Coolant).
0954 (H+02:24)	- Energize Hydrogen recombiners; $H_2 > .5\%$
1100 (H+03:30)	- Hydrogen burn in containment spikes to 26 psig (does not activate Ctmt spray). Unfiltered release begins.
1105 (H+03:35)	- SAS portal monitors alarm. GENERAL EMERGENCY should be declared based on loss of third fission product barrier.
1200 (H+04:30)	- Equipment hatch reseals. Release Terminated.
1400 (H+06:30)	- Critique.

NOTE: Times are only approximations based on previous simulator runs.
Bold-faced times indicate when events will appear on the simulator.

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SCENARIO TIME

Unless otherwise noted by Exercise Lead Controller, the following real times are equivalent to the relative times used in the scenario:

<u>Relative Time</u>	<u>Real time</u>
H+00:00	0730
H+00:15	0745
H+00:30	0800
H+00:45	0815
H+01:00	0830
H+01:15	0845
H+01:30	0900
H+01:45	0915
H+02:00	0930
H+02:15	0945
H+02:30	1000
H+02:45	1015
H+03:00	1030
H+03:15	1045
H+03:30	1100
H+03:45	1115
H+04:00	1130
H+04:15	1145
H+04:30	1200
H+04:45	1215
H+05:00	1230
H+05:15	1245
H+05:30	1300
H+05:45	1315
H+06:00	1330
H+06:15	1345
H+06:30	1400
H+06:45	1415
H+07:00	1430

TIME LINE

		0730 (H+00:00)	< 0730	Exercise begins. Initial conditions provided to key players.
ALERT should be declared. Walkdowns & Accountability should begin.	0805 >	0800 (H+00:30)	< 0800	Earthquake felt in Control Room and Operational Basis Earthquake Limits exceeded. Acceleration <.15g.
			< 0835	TSC/QSC activated
		0900 (H+01:30)		
Core Exit Thermocouples >1200 F	0939 >		< 0930	10,000 gpm cold leg LOCA. - Reactor trip - SI initiated, EM01A (Safety Injection Pump-A) fails to start - Startup transformer fault, loss of RCPs
SI Accumulators dump.	0946 >		< 0945	SITE AREA EMERGENCY should be declared based on loss of RCS barrier and fuel integrity challenged. Exclusion Area Evac. (simulated) JER evac. (simulated) IC/MRC & EDF activated.
		1000 (H+02:30)		
H ₂ burn in containment (26 psig) Unfiltered release begins.	1100 >	1100 (H+03:30)	< 1105	Portal monitors alarm. GENERAL EMERGENCY should be declared based on loss of 3rd fission product barrier.
Equipment hatch reseals. Release terminated	1200 >	1200 (H+04:30)		
		1300 (H+05:30)		
Critique.	1400 >	1400 (H+06:30)		

SECTION 4.0

CONTROLLER MESSAGES

<u>Subsections</u>	<u>Page</u>
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MESSAGES	
SCENARIO	4.0-SC-01
MINI-SCENARIO	4.0-MINI-01
PUBLIC INFORMATION	
WC PIO	4.0-PIO-01
MEDIA INQUIRY	4.0-MI-01
MEDIA MONITORING	4.0-MM-01
PUBLIC CONCERN	4.0-PC-01
MEDIA MESSENGER	4.0-MS-01
COUNTY EOC	4.0-CEOC-01
STATE EOC	4.0-SEOC-01

MESSAGES

A complete listing of messages included in this scenario is provided in the following subsection. Information necessary in making and tracking message assignments is provided for each message.

The list is categorized by message type, recipient or facility, and finally by message number. A space for assigning controllers responsible for the message is included.

The Scenario Messages are provided to instigate actions at various facilities. More detail for particular maintenance activities is provided in the mini-scenarios messages.

ASSIGNMENTS

SCENARIO

<u>Message #</u>	<u>Time</u>	<u>For</u>	<u>From</u>	<u>Assignment</u>
001	0730	SS	CR Lead Controller	_____
002	0800	SS	CR Lead Controller	_____
003	0800	SS	Security Officer	_____
004	0802	SS	Forrest Rhodes	_____
005c	0830	SS	CR Lead Controller	_____
006c	0930	SS	CR Lead Controller	_____
007c	1000	DED/DEM	TSC/EOF Lead Controller	_____
008	1105	SS	Security Officer	_____
009	1105	REC	HP Tech.	_____
010c	1130	DEM	EOF Lead Controller	_____
011	1400	All Players	Facility Lead Controller	_____

MINI-SCENARIOS

A	0730+	--	#1 Oil Change on PEM01B (Safety Injection Pump-B)	_____
B	0730+	--	#2 Drain Line from Contain- ment Spray Pump-B Room Cooler	_____
C	0730+	--	#3 Precharge check on Accumulator 1	_____
D	0730+	--	#4 CCP-B Circuit Breaker B Maintenance	_____
E	1000+	--	#5 Start-up Transformer	_____
F	1000+	--	#6 Safety Injection Pump A	_____

ASSIGNMENTSMEDIA INQUIRY

<u>Message #</u>	<u>Time</u>	<u>For</u>	<u>From</u>	<u>Assignment</u>
MI-1	0910	Media Inq	Reporter	_____
MI-2	0910	Media Inq	Reporter	_____
MI-3	0910	Media Inq	Reporter	_____
MI-4	0910	Media Inq	Reporter	_____
MI-5	0912	Media Inq	Reporter	_____
MI-6	0915	Media Inq	Reporter	_____
MI-7	0915	Media Inq	Reporter	_____
MI-8	0915	Media Inq	Reporter	_____
MI-9	0915	Media Inq	Reporter	_____
MI-10	0915	Media Inq	Reporter	_____
MI-11	0915	Media Inq	Reporter	_____
MI-12	0920	Media Inq	Reporter	_____
MI-13	0920	Media Inq	Reporter	_____
MI-14	0920	Media Inq	Reporter	_____
MI-15	0920	Media Inq	Reporter	_____
MI-16	0920	Media Inq	Reporter	_____
MI-17	0925	Media Inq	Reporter	_____
MI-18	0925	Media Inq	Reporter	_____
MI-19	0925	Media Inq	Reporter	_____
MI-20	0930	Media Inq	Reporter	_____
MI-21	0930	Media Inq	Reporter	_____
MI-22	0930	Media Inq	Reporter	_____
MI-23	0930	Media Inq	Reporter	_____
MI-24	0935	Media Inq	Reporter	_____
MI-25	0935	Media Inq	Reporter	_____
MI-26	0935	Media Inq	Reporter	_____
MI-27r	0940	Media Inq	Reporter	_____
MI-28	0940	Media Inq	Reporter	_____
MI-29r	0940	Media Inq	Reporter	_____
MI-30	0945	Media Inq	Reporter	_____
MI-31	0945	Media Inq	Reporter	_____
MI-32r	0948	Media Inq	Reporter	_____
MI-33	0950	Media Inq	Reporter	_____
MI-34r	0950	Media Inq	Reporter	_____
MI-35	0950	Media Inq	Reporter	_____
MI-36	0950	Media Inq	Reporter	_____
MI-37	0950	Media Inq	Reporter	_____
MI-38r	0955	Media Inq	Reporter	_____
MI-39r	0955	Media Inq	Reporter	_____
MI-40r	0955	Media Inq	Reporter	_____
MI-41	1000	Media Inq	Reporter	_____
MI-42	1000	Media Inq	Reporter	_____
MI-43	1005	Media Inq	Reporter	_____
MI-44r	1005	Media Inq	Reporter	_____

r = Rumor

ASSIGNMENTSMEDIA INQUIRY

<u>Message #</u>	<u>Time</u>	<u>For</u>	<u>From</u>	<u>Assignment</u>
MI-45	1010	Media Inq	Reporter	
MI-46	1010	Media Inq	Reporter	
MI-47r	1015	Media Inq	Reporter	
MI-48	1015	Media Inq	Reporter	
MI-49	1015	Media Inq	Reporter	
MI-50	1020	Media Inq	Reporter	
MI-51	1020	Media Inq	Reporter	
MI-52	1020	Media Inq	Reporter	
MI-53r	1025	Media Inq	Reporter	
MI-54	1025	Media Inq	Reporter	
MI-55	1025	Media Inq	Reporter	
MI-56	1025	Media Inq	Reporter	
MI-57	1030	Media Inq	Reporter	
MI-58	1030	Media Inq	Reporter	
MI-59	1030	Media Inq	Reporter	
MI-60	1045	Media Inq	Reporter	
MI-61	1045	Media Inq	Reporter	
MI-62	1045	Media Inq	Reporter	
MI-63	1100	Media Inq	Reporter	
MI-64	1100	Media Inq	Reporter	
MI-65	1100	Media Inq	Reporter	
MI-66	1115	Media Inq	Reporter	
MI-67	1130	Media Inq	Reporter	
MI-68	1130	Media Inq	Reporter	
MI-69	1130	Media Inq	Reporter	
MI-70	1145	Media Inq	Reporter	
MI-71	1145	Media Inq	Reporter	
MI-72	1145	Media Inq	Reporter	
MI-73	1200	Media Inq	Reporter	
MI-74	1200	Media Inq	Reporter	
MI-75	1215	Media Inq	Reporter	
MI-76	1215	Media Inq	Reporter	
MI-77	1215	Media Inq	Reporter	
MI-78	1230	Media Inq	Reporter	
MI-79	1230	Media Inq	Reporter	
MI-80	1230	Media Inq	Reporter	
MI-81r	1245	Media Inq	Reporter	
MI-82	1245	Media Inq	Reporter	
MI-83	1245	Media Inq	Reporter	
MI-84r	1300	Media Inq	Reporter	
MI-85	1300	Media Inq	Reporter	
MI-86	1300	Media Inq	Reporter	
MI-87	1315	Media Inq	Reporter	
MI-88	1315	Media Inq	Reporter	
MI-89	1315	Media Inq	Reporter	

ASSIGNMENTSMEDIA INQUIRY

<u>Message #</u>	<u>Time</u>	<u>For</u>	<u>From</u>	<u>Assignment</u>
MI-90	1330	Media Inq	Reporter	
MI-91	1330	Media Inq	Reporter	
MI-92	1330	Media Inq	Reporter	
MI-93	1345	Media Inq	Reporter	
MI-94	1345	Media Inq	Reporter	
MI-95	1345	Media Inq	Reporter	

MEDIA MONITORING

<u>Message #</u>	<u>Time</u>	<u>For</u>	<u>From</u>	<u>Assignment</u>
MM-1	0850	Med Mon	TV	
MM-2	0900	Med Mon	TV	
MM-3	0910	Med Mon	Radio	
MM-4	0915	Med Mon	TV	
MM-5	0915	Med Mon	Radio	
MM-6	0915	Med Mon	TV	
MM-7	0920	Med Mon	TV	
MM-8	0920	Med Mon	Radio	
MM-9	0925	Med Mon	Radio	
MM-10	0925	Med Mon	TV	
MM-11	0930	Med Mon	Radio	
MM-12	0930	Med Mon	Radio	
MM-13	0945	Med Mon	TV	
MM-14	0950	Med Mon	Radio	
MM-15	0955	Med Mon	TV	
MM-16	0955	Med Mon	TV	
MM-17	1000	Med Mon	Radio	
MM-18	1000	Med Mon	TV	
MM-19r	1000	Med Mon	Radio	
MM-20r	1015	Med Mon	Radio	
MM-21r	1020	Med Mon	TV	
MM-22	1025	Med Mon	TV	
MM-23	1028	Med Mon	TV	
MM-24	1030	Med Mon	Radio	
MM-25	1030	Med Mon	Radio	
MM-26	1030	Med Mon	Radio	
MM-27	1045	Med Mon	TV	
MM-28	1045	Med Mon	Radio	
MM-29	1100	Med Mon	TV	
MM-30	1100	Med Mon	TV	
MM-31	1115	Med Mon	TV	

ASSIGNMENTSMEDIA MONITORING

<u>Message #</u>	<u>Time</u>	<u>For</u>	<u>From</u>	<u>Assignment</u>
MM-32	1115	Med Mon	Radio	_____
MM-33r	1130	Med Mon	Radio	_____
MM-34r	1130	Med Mon	Radio	_____
MM-35	1140	Med Mon	Radio	_____
MM-36	1140	Med Mon	TV	_____
MM-37	1145	Med Mon	TV	_____
MM-38	1145	Med Mon	TV	_____
MM-39	1155	Med Mon	Radio	_____
MM-40	1200	Med Mon	Radio	_____
MM-41	1200	Med Mon	TV	_____
MM-42	1200	Med Mon	TV	_____
MM-43	1200	Med Mon	TV	_____
MM-44r	1215	Med Mon	Radio	_____
MM-45	1220	Med Mon	TV	_____
MM-46	1225	Med Mon	TV	_____
MM-47r	1230	Med Mon	Radio	_____
MM-48	1235	Med Mon	Radio	_____
MM-49	1245	Med Mon	TV	_____
MM-50	1255	Med Mon	TV	_____
MM-51	1255	Med Mon	TV	_____
MM-52	1300	Med Mon	TV	_____
MM-53	1315	Med Mon	Radio	_____
MM-54	1315	Med Mon	Radio	_____
MM-55	1330	Med Mon	TV	_____
MM-56	1330	Med Mon	Radio	_____
MM-57	1330	Med Mon	TV	_____
MM-58	1345	Med Mon	TV	_____
MM-59	1345	Med Mon	TV	_____
MM-60	1350	Med Mon	TV	_____

ASSIGNMENTSPUBLIC CONCERN TEAM

<u>Message #</u>	<u>Time</u>	<u>For</u>	<u>From</u>	<u>Assignment</u>
PC-1	0830	Pub Con	Citizen	_____
PC-2	0833	Pub Con	Citizen	_____
PC-3	0836	Pub Con	Citizen	_____
PC-4	0838	Pub Con	Citizen	_____
PC-5	0842	Pub Con	Citizen	_____
PC-6	0844	Pub Con	Citizen	_____
PC-7r	0846	Pub Con	Citizen	_____
PC-8	0848	Pub Con	Citizen	_____
PC-9	0852	Pub Con	Citizen	_____
PC-10r	0856	Pub Con	Citizen	_____

ASSIGNMENTSPUBLIC CONCERN TEAM

<u>Message #</u>	<u>Time</u>	<u>For</u>	<u>From</u>	<u>Assignment</u>
PC-11r	0900	Pub Con	Citizen	_____
PC-12	0904	Pub Con	Citizen	_____
PC-13	0906	Pub Con	Citizen	_____
PC-14r	0910	Pub Con	Citizen	_____
PC-15	0910	Pub Con	Citizen	_____
PC-16	0914	Pub Con	Citizen	_____
PC-17	0918	Pub Con	Citizen	_____
PC-18r	0922	Pub Con	Citizen	_____
PC-19	0926	Pub Con	Citizen	_____
PC-20	0930	Pub Con	Citizen	_____
PC-21	0934	Pub Con	Citizen	_____
PC-22r	0938	Pub Con	Citizen	_____
PC-23r	0942	Pub Con	Citizen	_____
PC-24	0944	Pub Con	Citizen	_____
PC-25r	0948	Pub Con	Citizen	_____
PC-26	0952	Pub Con	Citizen	_____
PC-27r	0956	Pub Con	Citizen	_____
PC-28	1000	Pub Con	Citizen	_____
PC-29r	1004	Pub Con	Citizen	_____
PC-30r	1008	Pub Con	Citizen	_____
PC-31r	1012	Pub Con	Citizen	_____
PC-32	1014	Pub Con	Citizen	_____
PC-33	1018	Pub Con	Citizen	_____
PC-34	1022	Pub Con	Citizen	_____
PC-35r	1026	Pub Con	Citizen	_____
PC-36	1030	Pub Con	Citizen	_____
PC-37	1034	Pub Con	Citizen	_____
PC-38	1038	Pub Con	Citizen	_____
PC-39	1042	Pub Con	Citizen	_____
PC-40	1046	Pub Con	Citizen	_____
PC-41	1050	Pub Con	Citizen	_____
PC-42	1054	Pub Con	Citizen	_____
PC-43	1058	Pub Con	Citizen	_____
PC-44	1100	Pub Con	Citizen	_____
PC-45	1104	Pub Con	Citizen	_____
PC-46	1108	Pub Con	Citizen	_____
PC-47	1112	Pub Con	Citizen	_____
PC-48	1116	Pub Con	Citizen	_____
PC-49	1120	Pub Con	Citizen	_____
PC-50	1124	Pub Con	Citizen	_____
PC-51	1128	Pub Con	Citizen	_____
PC-52	1130	Pub Con	Citizen	_____
PC-53	1134	Pub Con	Citizen	_____
PC-54	1138	Pub Con	Citizen	_____
PC-55	1142	Pub Con	Citizen	_____

ASSIGNMENTSPUBLIC CONCERN TEAM

<u>Message #</u>	<u>Time</u>	<u>For</u>	<u>From</u>	<u>Assignment</u>
PC-56	1144	Pub Con	Citizen	
PC-57	1148	Pub Con	Citizen	
PC-58	1152	Pub Con	Citizen	
PC-59	1156	Pub Con	Citizen	
PC-60	1200	Pub Con	Citizen	
PC-61	1204	Pub Con	Citizen	
PC-62	1208	Pub Con	Citizen	
PC-63r	1208	Pub Con	Citizen	
PC-64	1212	Pub Con	Citizen	
PC-65	1216	Pub Con	Citizen	
PC-66	1220	Pub Con	Citizen	
PC-67r	1224	Pub Con	Citizen	
PC-68	1228	Pub Con	Citizen	
PC-69	1232	Pub Con	Citizen	
PC-70	1236	Pub Con	Citizen	
PC-71	1240	Pub Con	Citizen	
PC-72	1244	Pub Con	Citizen	
PC-73	1248	Pub Con	Citizen	
PC-74	1252	Pub Con	Citizen	
PC-75	1252	Pub Con	Citizen	
PC-76	1256	Pub Con	Citizen	
PC-77	1300	Pub Con	Citizen	
PC-78	1304	Pub Con	Citizen	
PC-79	1308	Pub Con	Citizen	
PC-80	1312	Pub Con	Citizen	
PC-81	1316	Pub Con	Citizen	
PC-82	1320	Pub Con	Citizen	
PC-83	1324	Pub Con	Citizen	
PC-84	1328	Pub Con	Citizen	
PC-85	1332	Pub Con	Citizen	
PC-86	1336	Pub Con	Citizen	
PC-87	1340	Pub Con	Citizen	
PC-88	1344	Pub Con	Citizen	
PC-89	1348	Pub Con	Citizen	
PC-90	1352	Pub Con	Citizen	
PC-91	1356	Pub Con	Citizen	

r = Rumor

ASSIGNMENTSMEDIA MESSENGER

<u>Message #</u>	<u>Time</u>	<u>For</u>	<u>From</u>	<u>Assignment</u>
MS-1	0950	Med Msg	Reporter	_____
MS-2	0955	Med Msg	Reporter	_____
MS-3	1000	Med Msg	Reporter	_____
MS-4	1005	Med Msg	Editor	_____
MS-5	1015	Med Msg	Editor	_____
MS-6	1020	Med Msg	Reporter	_____
MS-7	1025	Med Msg	Editor	_____
MS-8	1030	Med Msg	Hotel Manager	_____
MS-9	1035	Med Msg	Reporter	_____
MS-10	1040	Med Msg	Reporter	_____
MS-11	1045	Med Msg	Editor	_____
MS-12	1050	Med Msg	Reporter	_____
MS-13	1100	Med Msg	Reporter	_____
MS-14	1105	Med Msg	Reporter	_____
MS-15	1110	Med Msg	Reporter	_____
MS-16	1115	Med Msg	Reporter	_____
MS-17	1120	Med Msg	Reporter	_____
MS-18	1125	Med Msg	Reporter	_____
MS-19	1130	Med Msg	Reporter	_____
MS-20	1135	Med Msg	Reporter	_____
MS-21	1140	Med Msg	Reporter	_____
MS-22	1145	Med Msg	Reporter	_____
MS-23	1150	Med Msg	Editor	_____
MS-24	1155	Med Msg	Editor	_____
MS-25	1200	Med Msg	Reporter	_____
MS-26	1205	Med Msg	Editor	_____
MS-27	1210	Med Msg	Reporter	_____
MS-28	1215	Med Msg	Reporter	_____
MS-29	1220	Med Msg	Reporter	_____
MS-30	1225	Med Msg	Editor	_____
MS-31	1230	Med Msg	Reporter	_____
MS-32	1235	Med Msg	Reporter	_____
MS-33	1240	Med Msg	Reporter	_____
MS-34	1245	Med Msg	Reporter	_____
MS-35	1250	Med Msg	Reporter	_____
MS-36	1255	Med Msg	Reporter	_____
MS-37	1300	Med Msg	Reporter	_____
MS-38	1305	Med Msg	Reporter	_____
MS-39	1310	Med Msg	Editor	_____
MS-40	1315	Med Msg	Editor	_____
MS-41	1320	Med Msg	Reporter	_____
MS-42	1325	Med Msg	Reporter	_____
MS-43	1330	Med Msg	Reporter	_____
MS-44	1335	Med Msg	Editor	_____
MS-45	1340	Med Msg	Reporter	_____
MS-46	1345	Med Msg	Reporter	_____
MS-47	1350	Med Msg	Editor	_____
MS-48	1355	Med Msg	Reporter	_____
MS-49	1400	Med Msg	Reporter	_____

ASSIGNMENTSMEDIA MESSENGER

<u>Message #</u>	<u>Time</u>	<u>For</u>	<u>From</u>	<u>Assignment</u>
MS-50	1405	Med Msg	Reporter	
MS-51	1410	Med Msg	Reporter	
MS-52	1415	Med Msg	Reporter	
MS-53	1420	Med Msg	Reporter	
MS-54	1425	Med Msg	Reporter	
MS-55	1430	Med Msg	Editor	
MS-56	1435	Med Msg	Editor	
MS-57	1440	Med Msg	Reporter	
MS-58	1445	Med Msg	Editor	
MS-59	1450	Med Msg	Reporter	
MS-60	1455	Med Msg	Reporter	
MS-61	1500	Med Msg	Reporter	

PUBLIC INFORMATION OFFICER

<u>Message #</u>	<u>Time</u>	<u>For</u>	<u>From</u>	<u>Assignment</u>
PIO-1	0815	WC PIO	Reporter	
PIO-2	0845	WC PIO	Reporter	
PIO-3	0850	WC PIO	Reporter	
PIO-4	0900	WC PIO	Reporter	

COUNTY EOC

<u>Message #</u>	<u>Time</u>	<u>For</u>	<u>From</u>	<u>Assignment</u>
CEOC-1	0830	County EPC	KSNP Radio	
CEOC-2	0845	HMMT Leader	COF Services	
CEOC-3	0900	County Agent	Citizen	
CEOC-4	0945	County EPC	Controller	
CEOC-5	0950	County Engineer	Fire Leader	
CEOC-6	0955	Rad. Officer	Woodson County	
CEOC-7	1000	Shelter Systems Officer	Host County EPC	
CEOC-8	1010	Commissioners	Osage County	
CEOC-9	1020	Sheriff	Deputy	
CEOC-10	1030	HMMT Leader	Reg. Center	
CEOC-11	1040	County Agent	USDA	
CEOC-12	1050	Shelter Systems Officer	Franklin County	
CEOC-13	1100	Sheriff	Controller	
CEOC-14	1110	County Engineer	Controller	
CEOC-15	1120	HMMT Leader	Golden Age Lodge	
CEOC-16	1130	Rad. Officer	Media	
CEOC-17	1140	Commissioners	Rep. Aide	
CEOC-18	1150	County Agent	Sale Barn	
CEOC-19	1200	Shelter Systems Officer	Anderson County	
CEOC-20	1215	Sheriff	Jailer	
CEOC-21	1230	County Engineer	Controller	
CEOC-22	1300	EPC	Reporter	

ASSIGNMENTSCOUNTY EOC

<u>Message #</u>	<u>Time</u>	<u>For</u>	<u>From</u>	<u>Assignment</u>
CEOC-23	1315	Rad. Officer	Allen County	
CEOC-24	1330	Commissioners	Lawyer	

STATE EOC

<u>Message #</u>	<u>Time</u>	<u>For</u>	<u>From</u>	<u>Assignment</u>
SEOC-1	0900	SDEP	Governor's Office	
SEOC-2	0915	KDWP	Citizen	
SEOC-3	0930	KDHE	Mayor	
SEOC-4	0945	KBOA	Hunter	
SEOC-5	1000	KNG	Guardsmen	
SEOC-6	1015	KHP	Roadblock	
SEOC-7	1030	SDEP	Governor's Office	
SEOC-8	1045	KDHE	EPA	
SEOC-9	1100	KBOA	USDA	
SEOC-10	1115	KNG	Governor's Office	
SEOC-11	1130	KDOT	Construction Company	
SEOC-12	1145	KDWP	Controller	
SEOC-13	1200	KHP	KHP	
SEOC-14	1230	KDOT	Communicator	
SEOC-15	Day 2	SDEP	FEMA	
SEOC-16	Day 2	KDHE	Public	
SEOC-17	Day 2	KDWP	Public	
SEOC-18	Day 2	KNG	Media	
SEOC-19	Day 2	KBOA	Public	
SEOC-20	Day 2	KDOT	Rad. Mon. Person	
SEOC-21	Day 2	KHP	SFSA	
SEOC-22	Day 2	SDEP	Senator's Aide	
SEOC-23	Day 2	KDHE	Ottawa Water Plant	
SEOC-24	Day 2	KDWP	Citizen	
SEOC-25	Day 2	KNG	Mayor	
SEOC-26	Day 2	KBOA	Farmer	
SEOC-27	Day 2	KDOT	Rad. Mon. Person	
SEOC-28	Day 2	KHP	Superintendent, CHP	
SEOC-29	Day 2	SDEP	FEMA	
SEOC-30	Day 2	KDHE	FEMA	
SEOC-31	Day 2	KDWP	Dept. of Interior	
SEOC-32	Day 2	KNG	County Agent	
SEOC-33	Day 2	KBOA	County Agent	
SEOC-34	Day 2	KDOT	Rad. Officer	
SEOC-35	Day 2	KHP	WC Security	

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Supervisor
FROM: CR Lead Controller
TIME: 0730 (H+00:00)
MESSAGE: Initial Conditions are as follows:

Operations

See attached forms.

Radiochemistry: Total Activity = 7.68 E-01 uCi/cc

Meteorology

It is an overcast day with winds out of the northwest at 10 mph. The last precipitation occurred last night. Only .1 inches were received at the site. The ambient temperature is 21°C (70°F).

NOTE: This message is provided to the persons staffing the following positions:

DKD, AEC, OEC, REC, TSC, MEC, OSC Supervisor, DEM, TEM, RAM, ARM

The Chemistry Coordinator will receive the Plant Chemistry Summary Sheets and E-Bar Worksheets.

THIS IS A DRILL

E-PLAN EXERCISE

Page 1

PLANT CHEMISTRY SUMMARY SHEET

LABORATORY: PRIMARY LAB

Date: E-Plan Exercise

Time	Analysis	Results	Out of Spec	Remarks
BAT "B"				
0910	BORON	7338	PPM	
0910	TOC	0.90	PPM	
ESSENTIAL SERVICE H2O TRAIN A				
0858	FAC	0.20	PPM	
0858	PH	8.4	PH	
0858	TRC	0.34	PPM	
ESSENTIAL SERVICE H2O TRAIN B				
0855	FAC	0.17	PPM	
0855	PH	8.4	PH	
0855	TRC	0.31	PPM	
REACTOR COOLANT ALL SAMPLE PTS				
0820	B	528	PPM	
0820	CL	5	PPB	
0820	COND	12.3	US/CM	
0820	DEI	4.80E-03	UCI/CC	*****
0820	DO	< 5	PPB	
0820	F	4	PPB	
0820	GRS ACT	7.68E-01	UCI/CC	
0820	H2	38	CC/KG	
0820	LI	1.00	PPM	
0820	PH	6.6	PH	
0820	TOC	0.07	PPM	
0820	VCT	35	PSIG	
Remarks: high gas act. sup. limit/dei act. lev.I				
RMWST				
0915	CAT	.268	US/CM	
0915	CL	3	PPB	
0915	COND	.200	US/CM	
0915	DO	95	PPB	
0915	F	< 2	PPB	
0915	PH	6.0	PH	
0915	SIO2	< 5	PPB	
0915	TDS	130	PPB	
0915	TOC	0.23	PPM	
0915	TS	140	PPB	
0915	TSS	10	PPB	

Remarks: _____

Reviewed by: _____

E-PLAN EXERCISE

Page 2

PLANT CHEMISTRY SUMMARY SHEET

LABORATORY: SHOP LAB

Date: E-Plan Exercise

Time	Analysis	Results	Out of Spec	Remarks
CENTRAL CHILLER				
0830	NALCO	0.5	OZ/GAL	
0830	NO2	320	PPM	
0830	PH	10.3	PH	
CIRCULATING WATER DISCHARGE				
1120	CLRATE	650	LBS/DAY	
1120	FAC	< 0.01	PPM	
1120	TRC	0.05	PPM	
LIME SLUDGE NPDES				
OILY WASTE NPDES OUTFALL				
PLANT HEATING				
0825	NALCO	0.5	OZ/GAL	
0825	NO2	240	PPM	
0825	PH	10.2	PH	
SERVICE WATER CHLORINATION				
1023	CLRATE	300	LBS/DAY	
1023	FAC	0.16	PPM	
1023	PH	8.3	PH	
1023	TRC	0.39	PPM	

Remarks: _____

Reviewed by: _____

E-PLAN EXERCISE

Page 3

PLANT CHEMISTRY SUMMARY SHEET

LABORATORY: PRIMARY LAB

Date: E-Plan Exercise

Time	Analysis	Results	Out of Spec	Remarks
AK BED 3				
0812	ACETATE	< 0.5	PPB	
0812	CAT	0.069	US/CM	
0812	CNTS	3377	CNTS	
0812	COND	0.059	US/CM	
0812	F	0.2	PPB	
0812	FORMATE	< 0.5	PPB	
0812	NA	0.5	PPB	
0812	RECNA	0.5	PPB	
0812	SO4	0.6	PPB	
AK BED IN SERVICE				
0812	BED#	3		
CONDENSATE STORAGE TANK				
0835	CAT	0.663	US/CM	
0835	DO	3500	PPB	
0835	N2H4	0.007	PPM	
0835	PH	6.88	PH	
0835	SIO2	< 5	PPB	
0835	SO4	0.9	PPB	
0835	TSS	10	PPB	
LEGASIFIER RM				
0847	DO	14.2	PPB	
0847	VAC	29.0	IN	
DEMIN WATER STORAGE TANK				
0940	ACETATE	< 0.5	PPB	
0940	F	< 0.2	PPB	
0940	FORMATE	< 0.5	PPB	
0940	NA	0.7	PPB	
0940	PH	6.0	PH	
0940	SIO2	< 5	PPB	
0940	SO4	0.6	PPB	
0940	TDS	302	PPB	
0940	TS	327	PPB	
0940	TSS	25	PPB	
REBOILER				
0823	DO	< 5	PPB	
0823	N2H4	29.7	PPM	
0823	PH	10.16	PH	*****
Remarks: NH3 SECURED				
RM CONDENSATE PUMP DISCHARGE				
0852	CAT	0.100	US/CM	

Remarks: _____

Reviewed by: _____

E-PLAN EXERCISE

Page 4

PLANT CHEMISTRY SUMMARY SHEET

LABORATORY: TURBINE LAB

Date: E-Plan Exercise

Time	Analysis	Results	Out of Spec	Remarks
0852	DO	6.6	PPB	
0852	NA	0.6	PPB	
0852	PH	9.37	PH	
0852	SIO2	< 5	PPB	
0852	TSS	< 10	PPB	
RM S/G FEEDWATER				
0900	CAT	0.089	US/CM	
0900	DO	< 0.1	PPB	
0900	N2H4	0.027	PPM	
0900	NA	0.3	PPB	
0900	NH3	0.65	PPM	
0900	PH	9.32	PH	
S/G A				
0905	ACETATE	3.0	PPB	
0905	BLDN	29.5	K LBS/HR	
0905	CAT	0.136	US/CM	
0905	F	0.8	PPB	
0905	FORMATE	0.6	PPB	
0905	NA	0.9	PPB	
0905	PH	9.11	PH	
0905	SIO2	26	PPB	
0905	SO4	2.5	PPB	
S/G B				
0912	ACETATE	3.0	PPB	
0912	BLDN	27.0	K LBS/HR	
0912	CAT	0.133	US/CM	
0912	F	0.8	PPB	
0912	FORMATE	< 0.5	PPB	
0912	NA	0.9	PPB	
0912	PH	9.11	PH	
0912	SIO2	26	PPB	
0912	SO4	2.5	PPB	

Remarks: _____

Reviewed by: _____

E-PLAN EXERCISE

Page 5

PLANT CHEMISTRY SUMMARY SHEET

LABORATORY: TURBINE LAB

Date: E-Plan Exercise

Time	Analysis	Results	Out of Spec	Remarks
S/G C				
0920	ACETATE	2.8	PPB	
0920	BLDN	26.0	K LBS/HR	
0920	CAT	0.129	US/CM	
0920	F	0.8	PPB	
0920	FORMATE	0.5	PPB	
0920	NA	0.8	PPB	
0920	PH	9.10	PH	
0920	SIO2	25	PPB	
0920	SO4	2.4	PPB	
S/G D				
0929	ACETATE	2.7	PPB	
0929	BLDN	27.5	K LBS/HR	
0929	CAT	0.130	US/CM	
0929	F	0.8	PPB	
0929	FORMATE	< 0.5	PPB	
0929	NA	0.9	PPB	
0929	PH	9.11	PH	
0929	SIO2	25	PPB	
0929	SO4	2.4	PPB	

Remarks: _____

Reviewed by: _____

E-PLAN EXERCISE

Page 1

LIMITS EXCEPTION REPORT

REPORT FOR: E-PLAN EXERCISE

GROUP I.D. : TUR
SAMPLE POINT I.D. : REB

DATE/TIME	ANALYSIS	VALUE	TYPE	UPPER	LOWER
15-Mar-91 08:23	PH	10.16 PH	CHEM	9.5	8.8

GROUP I.D. : PRI
SAMPLE POINT I.D. : RCS

DATE/TIME	ANALYSIS	VALUE	TYPE	UPPER	LOWER
08:20	DEI	4.80E-03 UCI/CC DEI-1		0.003	0.0
08:20	DEI	4.80E-03 UCI/CC DEI-2		0.010	0.0
08:20	DEI	4.80E-03 UCI/CC DEI-3		0.050	0.0
08:20	DEI	4.80E-03 UCI/CC DEI-4		0.1	0.0
08:20	DEI	4.80E-03 UCI/CC TECH		1.0	0.0

END OF THE LIMITS EXCEPTION REPORT

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Supervisor

FROM: CR Lead Controller

TIME: 0800 (H+00:30)

MESSAGE: The Control Room Crew has just felt an earthquake.

NOTE: Give this message when annunciators 98C and 98D alarm.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Supervisor
FROM: Security Officer
TIME: 0800 (H+00:30)
MESSAGE: This is A.J. Silvey in SAS. We just felt an earthquake. We're sending out officers now to check the perimeter.

NOTE: SAS is the Secondary Alarm Station in the Security Building.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Supervisor

FROM: Forrest Rhodes

TIME: 0802 (H+00:32)

MESSAGE: This is Forrest. I just felt an earthquake. Have you felt anything in the Control Room?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Supervisor

FROM: CR Lead Controller

TIME: 0830 (H+01:00)

MESSAGE: Declare an Alert based on the effects of an earthquake being felt
and that monitors recorded acceleration of less than 0.15g.

Note: Do not pass this message without consent of the Drill
Leader Controller.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Supervisor

FROM: CR Lead Controller

TIME: 0930 (H+02:00)

MESSAGE: A 10,000 gallon per minute cold leg LOCA occurs. The reactor trips. Safety Injection is initiated but SI-A fails to start.

There is a subsequent fault on the startup transformer.

NOTE: This message is only provided if the simulator fails. Additional operational data for this time period can be obtained from Section 5.0 at time 0930.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Duty Emergency Director/Duty Emergency Manager
FROM: TSC or EOF Lead Controller
TIME: 1000 (H+02:30)
MESSAGE: Declare a Site Area Emergency due to the LOCA and a challenge to
fuel integrity due to limited Emergency Core Cooling System
(ECCS) function.

NOTE: Do not pass this message without consent of the Drill Lead
Controller.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shift Supervisor

FROM: Security Officer

TIME: 1105 (H+03:35)

MESSAGE: This is A. J. Silvey in SAS. The portal monitors are alarming.
Should we turn them off?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Radiological Emergency Coordinator in TSC
FROM: HP Technician in Security Building
TIME: 1105 (H+03:35)
MESSAGE: This is Fred. I'm here at the Security Building. The portal monitors and the RM-14 are alarming. What do you want me to do?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Duty Emergency Manager
FROM: EOF Lead Controller
TIME: 1130 (H+04:00)
MESSAGE: Declare a General Emergency due to the loss of containment integrity, a LOCA and failed fuel.

NOTE: DO NOT pass this message without consent of the Drill Lead Controller.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: All Facilities

FROM: Facility Lead Controllers

TIME: 1400 (H+06:30)

MESSAGE: The day one exercise activities have been terminated. Collect all logs, notes, etc. and give them to the Facility Lead Controller. The player critique will begin in a few minutes.

NOTE: Do not pass this message until instructed by the Drill Lead Controller.

THIS IS A DRILL

A. Maintenance Mini Scenario #1

Time: 0730+ (H+00:00+)

CHANGE OIL AND CLEAN OIL FILTER ON PEM01B (Intermediate Head Safety Injection Pump B)

Materials:

Mobil DTE 797	- M/C 51500001
Solvent Texsolve	- M/C 10010047
CUNO Filter Viton Head Gasket	- M/C 90450882

Tasks:

Perform general inspection of the JH Lube Oil Pump for leakage of seals; oil reservoir gasket, filter and cooler for signs of leakage; and coupling for signs of grease leakage. Record findings on work request. Reference section 4D of T/M M721-096.

Isolate oil filter by closing the inlet and outlet valves - see CUNO Tech Bulletin AK.31.70 (Reference T/M M721-0093). Drain sump, remove sump and remove cartridge. Soak cartridge in solvent (if required) until disc can be turned freely. Reinstall cartridge and sump using Viton Head Gasket (M/C 90450882, per PMR #01952). Open filter isolation valves.

To change oil, place a drip pan under the reservoir to collect any spillage and place a drain pan under the drain plug to collect the oil. Remove the reservoir oil drain plug and allow the oil to drain out. After the oil has drained out, reinstall the oil drain plug. Remove the pressure gauge and filler plug. Add oil to the filler port until oil runs out of the open gauge connection (about three gallons).

Replace the pressure gauge and filler plug.

COMPLETION:

This task will require 45 minutes of work after C-1 is entered (~0945). This pump cannot be allowed back before 0945.

B. Maintenance Mini Scenario #2

Time: 0730+ (H+00:00+)

Reason:

Drain line from SGL13B, Containment Spray Pump PEN 01B Room Cooler, is found to have water draining from it.

Tasks:

The water is collected and the leak rate is determined to be 1/2 gallon per minute.

Write a work request to remove the inspection covers and look for the leak.

A leak is found to be coming from a tube at location 10A, at the header end of the tube bundle.

Contact Operations to isolate and drain the Room Cooler.

Rework the tube at location 10A to fix the leak or plug the Number 10 circuit.

Contact Results Engineering to update WCRE 6 document to reflect the new Room Cooler tube configuration.

Contact Operations to remove the clearance on SGL13B and check the Room Cooler for leaks.

On completion of a successful leak test, reinstall the Room Cooler covers.

COMPLETION:

Anytime during Exercise.

C. Maintenance Mini Scenario #3

Time: 0730+ (H+00:00+)

Reason:

Precharge check of Accumulator #1 on AEFV 0039, per STN-AE-001.

Tasks:

The accumulator fails to discharge its hydraulic fluid to the oil reservoir.

I&C checks the control logic in the Control Room at the MSFIS panel. Logic proves to be correct. Note that this task may be accomplished by instructing others (i.e. Maintenance or Operations) over plant communications, on how to conduct this task.

The Maintenance Electricians check for proper electrical signals at the AEFV 0039 (electrical signals prove to be correct).

The Maintenance Mechanics install air pressure gauges at the test port connections of the Nancy 4-way valve.

The pilot air to the Nancy 4-way valve is correct (80 to 100 psi).

Change out Nancy 4-way valve per the SW1 instructions, and the valve actuator works correctly.

Operations performs STN-AE-001.

COMPLETION:

Anytime during Exercise.

D. Maintenance Mini Scenario #4

Time: 0730 (H+00:00)

Electrical Maintenance is performing Preventive Maintenance Procedure MPE ECOMQ-02 on B Centrifugal Charging Pump Circuit Breaker (Breaker Number WB00201).

Controller Note: When the drill begins, the electricians have already simulated removal of the breaker and have completed procedure steps 1.0 through 7.7

COMPLETION:

Do not give equipment back before 1030.

E. Maintenance Mini Scenario #5

Time: 1000+ (H+02:30+)

Reason:

A major fault occurs in the start-up transformer resulting in the loss of the reactor coolant pumps.

Tasks:

At this point, Operations will likely try to restore power to the PA busses by recovering the transformer or back-feed PA01 and PA02 busses using procedure SYS MA-120. I&C performs their portion of SYS-MA-120 as required.

If a team is sent to the transformer, they will make the following observations:

A large area on the exterior of the transformer case is darkened and the paint is blistered. The damaged area is located on the east side of the transformer between the 2 intermost low voltage bushing (below the Westinghouse Emblem and above the "Danger High Voltage" sign).

The automatic resetting relief device semaphore will be in the tripped position.

The gas detector relay gauge will be pegged high (450cc/Alarm).

The Mechanical Relief and Gas Detector Local Annunciator (at transformer) are alarmed.

If a team is sent to MA104D and MA104E (start-up transformer protection relay panels) they will make the following observations:

Note: The following relays have targets (orange or red flags) visible:

MA104D

- Differential relays 487/T1 A phase and C phase instantaneous overcurrent.
- Winding neutral ground relays 251N-1/T1 and 251N-2/t1
- 286/T1 Lockout relay.
- 30-10/T1 UL-startup fault pressure.

MA104E

- Phase overcurrent relays 450-451/T1 A phase and C phase instantaneous over current.
- Winding neutral ground relays 251N-3/T1 and 251N-4/T1.
- 486 Lockout relay.
- 30-8/T1 switch yard transfer trip.
- 463X-1/T1 and 463X-2/T1 fault pressure auxiliary.

The Shift Supervisor/or TSC should then dispatch one or more teams to begin implementation of procedure SYS MA-120.

COMPLETION:

Not to be completed before fuel has been uncovered for at least 10 minutes. It can be brought back around 1030.

F. Maintenance Mini Scenario #6

Time: 1000+ (H+02:30+)

Reason:

Safety Injection Pump A fails to start. Breaker NB0103 trips.

Tasks:

If a team is sent to the breaker cubicle they will find that the instantaneous trip target (orange flag) on phase C time-overcurrent relay is visible.

If the breaker is inspected, no damage to either the breaker or cubicle is found. Continuity checks of each phase of the motor cable indicates continuity on A and B phase only. This will cause the team to evaluate entry into safety injection pump room #1113.

Should the team be able to enter the room they will find phase C cable termination kit in the motor junction box has blown apart.

Controllers Note: Inform the team that the junction box is discolored. Closer inspection reveals a burnt smell at the box.

Completion:

Do not give equipment back before 1030.

I&C MINI SCENARIOS

TIME: 0930+ (H+02:00)

Reason:

Upon attempts by Operations to reset SI Train-B (as required), SI fails to reset. All conditions which must be met for SI reset should allow reset.

CHALLENGES - Troubleshooting determines TD1 to be the failure, because it is not timing out to allow SI to reset as required.

- Obtain replacement TD1 from the warehouse

FIXES - Replace & properly test TD1.

- Or defeat TD1 to allow SI to be reset until such time as TD1 can be replaced.

FAILURE - Troubleshooting does not identify TD1 to be at fault.

- SI is unable to be reset.

Time frame for this activity could be up to two hours.

COMPLETION:

Not before 1000.

PIO-1 TO: WCP10

FROM: KSNP

TIME: 8:15

MESSAGE: "This is a Drill"

This is Doug Lawrence at KSNP. We've apparently just had an earthquake, as I'm sure you're aware. The radio station seems to have come through it ok, but how did the plant do? Did it trip? Have you activated your emergency plan? Is there any visible damage you're aware of? Can you call me when you have more information?

PIO-2 TO: WCP10

FROM: KTKA-TV

TIME: 8:45

MESSAGE: "This is a Drill"

This is Marshall Aspin at KTKA TV in Topeka. We've had reports of an earthquake in the Burlington area. Has there been any damage from the quake at Wolf Creek? I assume the plant has been shut down--is that right? How do you know the plant hasn't been damaged? Why don't you shut it down right away--I remember from your briefing last year, you said you could shut it down in two seconds. Wouldn't it be safer to shut it down fast, just to make sure there hasn't been any damage?

PIO-3 TO: WCP10

FROM: Kansas Info. Network

TIME: 8:50

MESSAGE: "This is a Drill"

This is Ben Boatman with Kansas Information Network. We're getting all kinds of reports about a massive earthquake in Coffey County. Can you verify if you've had a quake, and has it damaged Wolf Creek? Have you declared an emergency? Is the plant still running? Has any radiation been released? How can you be sure? What are you doing to prepare for aftershocks? Have you evacuated anyone from the area as a precaution?

PIO-4 TO: WCP10

FROM: KSNT

TIME: 9:00

MESSAGE: "This is a Drill"

This is Barbara Berra, KSNT TV in Topeka. We understand there has been damage and a release of radiation from Wolf Creek as a result of the earthquake. How much radiation has escaped, and who is being affected?

If the plant were damaged, how far could radiation go-- could it get as far as Topeka? What determines how far radiation travels if there is a release? Just between you and me, if you lived downwind from Wolf Creek, wouldn't you get out of there for awhile until you could be sure the plant is safe?

MI. TO: Media Inquiry
FROM: KSNW
TIME: 9:10
MESSAGE: *This is a Drill*

This is Jackson Hunt, KSNW TV. There are all kinds of reports coming in about an earthquake in Coffey County. We've been trying to contact the Coffey County emergency planning department, and they told us to call you. What's going on out there? Is there an emergency at Wolf Creek? Just how serious is this--has there been damage to the plant?

We have a crew on their way out there--where can they land the helicopter, and who can they talk to there at the plant?

MI-2 TO: Media Inquiry
FROM: KSNT
TIME: 9:10
MESSAGE: *This is a Drill*

This is Barbara Berra, KSNT-TV. I just talked with your Public Information Officer at the plant, and when I called back, they referred me to you. We want to send a reporter out to Wolf Creek to do a live interview. Who can we talk with at the plant? We need to do the story from the scene--how close can we get to Wolf Creek?

MI-3 TC: Media Inquiry
FROM: WIBW-TV
TIME: 9:10
MESSAGE: *This is a Drill*

This is Nancy Knowles, WIBW TV in Topeka. How has the earthquake in Coffey County affected Wolf Creek? Is the plant designed to withstand this kind of earthquake? Could there be more extensive damage if a bigger quake hits the area?

MI-4 TO: Media Inquiry
FROM: KVOE Radio
TIME: 9:10
MESSAGE: ***This is a Drill***

Hello, I'm Barton Novak, KVOE Radio in Emporia. I've been trying since 8:15 to call Wolf Creek for information about quake damage, and I can't get through. Can you tell me what's happened? If there wasn't much damage, why can't I get through to the plant--I usually talk to Ronn Smith out there. Are you sure there is no danger--I have a responsibility to my listeners to report the facts.

MI-5 TO: Media Inquiry
FROM: Associated Press (Kansas City)
TIME: 9:12
MESSAGE: ***This is a Drill***

Is this the Wolf Creek disaster information line? I'm David Wagner with AP in Kansas City. What exactly has happened down there--we're getting all kinds of conflicting reports about an earthquake and damage from it. Has the plant been damaged? If it hasn't been damaged, why are you shutting it down?

MI-6 TO: Media Inquiry
FROM: KSNP
TIME: 9:15
MESSAGE: ***This is a Drill***

This is Doug Lawrence at KSNP radio in New Strawn. I've been reporting news of the earthquake, and I'm getting all kinds of calls from families of Wolf Creek employees, asking if there have been any injuries at the plant. I'd like to help put their fears to rest. Can I roll a tape and ask you some questions? OK, here goes:

Have any employees been hurt as a result of the earthquake this morning? Are any employees being sent home as a precautionary measure? Wolf Creek's phones are really tied up--should employees' spouses and families just keep trying to call the plant to talk to employees and find out if they're OK?

MI-8 TO: Media Inquiry
FROM: KAKE-TV
TIME: 9:15
MESSAGE: "This is a Drill"

There are reports of an earthquake in Coffey County. How has Wolf Creek been affected? What precautions are taken to protect nuclear plants from earthquakes? Did Wolf Creek's planners ever expect an earthquake here in Kansas?

(If asked, your name is Bob Wood.)

MI-9 TO: Media Inquiry
FROM: WDAF-Radio
TIME: 9:15
MESSAGE: "This is a Drill"

Mike Mannis, WDAF Radio--There are reports coming over the wire about an earthquake near Burlington, Kansas. How far is that from Wolf Creek? Did you feel the earthquake at the plant? Has it caused any damage? Is the plant still running?

MI-10 TO: Media Inquiry
FROM: KMBC TV
TIME: 9:15
MESSAGE: "This is a Drill"

This is Darla Dillinger, KMBC Channel 9 in Kansas City. What can you tell me about the earthquake at Wolf Creek? Is there any threat to the public? What damage can you see at the plant site? We're planning to send a crew down to Coffey County. Who can we meet with and talk to from the plant?

MI-11 TO: Media Inquiry

FROM: KTKA-TV

TIME: 9:15

MESSAGE: *This is a Drill*

Hello, this is Marshall Aspin at KTKA-TV. May I speak to Ronn Smith or Mona Grimsley at Wolf Creek? They're our usual contacts at the plant--has something happened to them? OK, what can you tell me about the effect of the earthquake on Wolf Creek?

MI-12 TO: Media Inquiry

FROM: Wichita Eagle

TIME: 9:20

MESSAGE: *This is a Drill*

This is Dan Woodstein, Wichita Eagle. We've received your release about the emergency at Wolf Creek. During the rate hearings, you all said that this plant was built in Coffey County because there was no chance of an earthquake in that area. Looks like you were wrong, doesn't it? What damage has the quake caused? Will the plant stand up to the inevitable aftershocks you'll be receiving?

MI-13 TO: Media Inquiry

FROM: KFDI

TIME: 9:20

MESSAGE: *This is a Drill*

Hi, I'm Buck Bodeen at KFDI radio news. I need some information about the earthquake in Coffey County--can I roll a tape? OK, tape's rolling. What can you tell us about what has happened to Wolf Creek because of the earthquake? Let's suppose there's another quake, and the plant is damaged. How far would radiation go from the plant, and how would it affect people who got in its way?

MI-14 TO: Media Inquiry
FROM: KCMO Radio
TIME: 9:20
MESSAGE: **"This is a Drill"**

Hello, I'm Laura McGill with KCMO News Radio 81 in Kansas City. Can I ask you some questions about the emergency at Wolf Creek? OK, I'm taping our conversation for air play. Just how badly was the nuclear plant damaged in this morning's earthquake? You've declared an Alert emergency--what does that mean? Is anyone being evacuated? As far as I know, there has never been an earthquake this serious in Kansas--did anyone ever think of the possibility of an earthquake when Wolf Creek was being built?

MI-15 TO: Media Inquiry
FROM: KOFO-TV
TIME: 9:20
MESSAGE: **"This is a Drill"**

I'm Larry Myers, KOFO-TV in Pittsburg. Has any radiation been released from Wolf Creek? Do you know for sure how seriously the plant has been damaged? What's the worst that could happen if another earthquake hits the Wolf Creek site?

MI-16 TO: Media Inquiry
FROM: Topeka Capital Journal
TIME: 9:20
MESSAGE: **"This is a Drill"**

This is Steve Swartzkopf, Topeka Capital Journal. I need some background information on Wolf Creek's construction, specifically on its seismic specifications. Do you have that, or could you tell me where I might find it--seems like I recall some kind of safety analysis report that was available in some library...

MI-17

Media Inquiry

FROM: Kansas City Star

TIME: 9:25

MESSAGE: ***This is a Drill***

I'm Marty Rosenblum, Kansas City Star. What is happening at Wolf Creek now? There have been questions since construction about the quality of pipe welds in that plant. Isn't it true that those poor quality welds would be the first thing to fail under the stress of an earthquake? Do you plan to radiographically test all those welds? When will you have more details?

MI-18

TO: Media Inquiry

FROM: KMAJ Radio

TIME: 9:25

MESSAGE: ***This is a Drill***

I'm Mike Morris, News Director at KMAJ Radio in Topeka. What's the situation at Wolf Creek? You've declared an Alert--does that mean the national guard has been activated to help evacuate people? If Wolf Creek were to release radiation, and I know it hasn't yet, how much danger are the people of Topeka in?

MI-19

TO: Media Inquiry

FROM: KICT Radio

TIME: 9:25

MESSAGE: ***This is a Drill***

Is this Wolf Creek? I'm Dawn Porter, KICT Radio. There's a wire story running about an Alert caused by an earthquake. Is there any chance the radiation from Wolf Creek could have caused this earthquake? What about the people around the plant--have they been contaminated? How do you know?

MI-20 TO: Media Inquiry

FROM: CNN

TIME: 9:20

MESSAGE: ***This is a Drill***

This is Peter Annette, Cable News Network in New York. AP has just run a story saying that an Alert has been declared at your nuclear plant because of an earthquake. How serious is this problem? Has there been any visible damage at the plant? Where is this plant located in relation to Kansas City? Is it near any large cities?

MI-21 TO: Media Inquiry

FROM: KSNP

TIME: 9:30

MESSAGE: ***This is a Drill***

This is Doug Lawrence, KSNP Radio. We're still getting calls from families of Wolf Creek workers wanting to know what's going on at the plant. Is there any more you can tell me to reassure them about the safety of their family members working at the plant?

MI-22 TO: Media Inquiry

FROM: Ottawa Herald

TIME: 9:30

MESSAGE: ***This is a Drill***

Hello, I'm Jim Harsch, Ottawa Herald. We're looking for some more local details about the earthquake. Has Wolf Creek been affected? Was any radioactivity released? If there was a release of radiation, would it threaten the people in Ottawa--we're only about 45 miles away.

MI-23 TO: Media Inquiry
FROM: KRZZ Radio
TIME: 9:30
MESSAGE: "This is a Drill"

I'm Belinda Thomas, KRZZ Radio in Wichita. Can you give me some information on the emergency at Wolf Creek? OK, I'm going to roll a tape. When did the Wolf Creek plant experience this earthquake? Did you feel the earthquake, and see the buildings shake, or was it just detected by instruments? What damage did it cause to the plant? Why did you declare an emergency? What are plant operators doing right now?

MI-24 TO: Media Inquiry
FROM: AP--Kansas City
TIME: 9:35
MESSAGE: "This is a Drill"

This is David Wagner, Associated Press Kansas City. My contact in Topeka tells me that as a result of the Wolf Creek emergency, the State Defense Building and National Guard armory are being activated, and that security there is very tight. What's going on--is the emergency at the plant more serious than you've been telling us?

MI-25 TO: Media Inquiry
FROM: ABC New York
TIME: 9:35
MESSAGE: "This is a Drill"

Hello, I'm Brent Jennings, ABC News New York. We have a wire story here about an emergency at your nuclear plant caused by an earthquake this morning. What can you tell me about it? Isn't it unusual to have an earthquake in Kansas? I'm looking at an atlas--just where in the state is the plant located?

MI-26 TO: Media Inquiry

FROM: KANU Radio

TIME: 9:35

MESSAGE: ***This is a Drill***

I'm Elisa Hirschfield, KANU Radio in Lawrence. I'm working on a report about this morning's earthquake for National Public Radio. Just what impact did the quake have on Wolf Creek? Was the plant designed to withstand earthquakes, since we almost never have them in Kansas? How big an earthquake could we have before the plant would be seriously damaged?

MI-27 TO: Media Inquiry

FROM: KCMO Radio

TIME: 9:40

MESSAGE: ***This is a Drill***

Hi, I'm Laura McGill at KCMO Radio in Kansas City. We're getting ready to air an update on the earthquake. We've heard reports of possible damage to the John Redmond Reservoir dam, and the Melvern Lake dam. That must have been quite an earthquake--are you certain there was no damage at Wolf Creek?

NOTE: Contact Lead Controller prior to giving this message--rumor to track.

MI-28 TO: Media Inquiry

FROM: WDAF TV

TIME: 9:40

MESSAGE: ***This is a Drill***

This is Cindy Brown, WDAF TV-4 news in Kansas City. Can you give me information about how this morning's earthquake impacted Wolf Creek? You declared the emergency just as a precaution? So as far as you know, there was no damage? Do you think people should be concerned that an earthquake could damage Wolf Creek to the extent of possibly releasing radiation?

MI-29 TO: Media Inquiry
FROM: KAKE-TV
TIME: 0940
MESSAGE: "This is a Drill"

Hi. I'm Bob Wood, KAKE-TV News. I just talked to Dr. Albert Orman, professor of geology at UCLA. He said that based on their research, there is bound to be another tremor at least as strong as the first one, within the next 12 hours. Is Wolf Creek management aware of that fact, and what are you doing to prepare for it?

NOTE: Contact Lead Controller prior to giving this message--rumor to track.

MI-30 TO: Media Inquiry
FROM: NBC--New York
TIME: 9:45
MESSAGE: "This is a Drill"

This is Joan Buckingham, NBC News New York. I'm calling for information about the emergency at your nuclear plant. I need to talk to the company president, or vice president-nuclear--who would that be? When would I be able to talk to them? As a national TV network, we're used to dealing with top level executives--even Three Mile Island had their vice president as spokesman. Please get a message to your upper management as soon as possible, and call me back--we have a 11:00 eastern time deadline for our noon newscast.

MI-31 TO: Media Inquiry
FROM: Wall Street Journal
TIME: 9:45
MESSAGE: "This is a Drill"

I'm George Neuvall, financial reporter for the Wall Street Journal. Can you tell me how much damage your Wolf Creek plant received during the earthquake this morning? Just where in Kansas is this plant located? How intense was the earthquake at the plant site?

MI-32 TO: Media Inquiry

FROM: KVOE Radio

TIME: 9:48

MESSAGE: "This is a Drill"

I'm Barton Novak, KVOE Radio in Emporia. One of our Coffey County listeners just called and said she saw a lot of activity on the road to Wolf Creek--a lot of cars were coming out of the plant. Is something going on? Has something happened in the plant?

NOTE: Contact Lead Controller prior to giving this message--rumor to track.

MI-33 TO: Media Inquiry

FROM: KMAJ

TIME: 9:50

MESSAGE: "This is a Drill"

Hello, this is Mike Mannis, KMAJ Radio in Topeka. There's a story out now that Dr. Albert Orman, professor of geology at UCLA, is projecting a second, stronger earthquake for Coffey County within 12 hours. What are you doing to prepare for this? Just how big a quake can the nuclear plant take without melting down?

NOTE: Contact Lead Controller prior to giving this message--rumor to track.

MI-34 TO: Media Inquiry

FROM: KFDI

TIME: 9:50

MESSAGE: "This is a Drill"

Yes, Buck Bodeen here, with KFDI Radio news. Are you aware of the report from CNN that there will probably be another earthquake within the next few hours? I'd like to get your comments on the air--I'm rolling a tape. Is Wolf Creek prepared for a second, possibly stronger earthquake? What is the worst that could happen out there if another quake hits the plant?

NOTE: Contact Lead Controller prior to giving this message--rumor to track.

MI-35 TO: Media Inquiry

FROM: KCMO

TIME: 9:50

MESSAGE: ***This is a Drill***

I'm Laura McGill, KCMO Radio news. I need some background information on Wolf Creek. When was it built? How much did it cost? Who besides KCPL owns the plant? How many people get electricity from Wolf Creek?

MI-36 TO: Media Inquiry

FROM: KCFO-TV

TIME: 9:50

MESSAGE: ***This is a Drill***

This is Larry Myers, KOFO-TV news. Who are the owners of the Wolf Creek plant? Isn't KPL Gas Service involved some way? Do you think this will change KPL's plans to buy KG&I??

MI-37 TO: Media Inquiry

FROM: KRZZ Radio

TIME: 9:50

MESSAGE: ***This is a Drill***

This is Belinda Thomas, KRZZ Radio news. How well is Wolf Creek protected against possible aftershocks from this earthquake? If there is a big enough earthquake, could the plant explode or melt down?

MI-38 TO: Media Inquiry
FROM: KVOE
TIME: 9:55
MESSAGE: *This is a Drill*

This is Barton Novak with KVOE Radio in Emporia. We've had reports from some listeners in Coffey County that a lot of cars are leaving the Wolf Creek site. Has something happened to cause you to evacuate your workers? If nothing is happening, why are so many people leaving the plant? There's obviously something going on, and we need to know about it. Is there someone else I can talk to?

NOTE: Contact Lead Controller prior to giving this message--rumor to track.

MI-39 TO: Media Inquiry
FROM: KFDI Radio
TIME: 9:55
MESSAGE: *This is a Drill*

Hi, I'm Buck Bodeen at KFDI Radio news. Our Coffey County listeners are saying that large numbers of cars are leaving Wolf Creek. What is happening there? Is it normal for a lot of cars to leave the plant this time of day? Or are you trying to get your employees out of danger before you tell everyone else?

NOTE: Contact Lead Controller prior to giving this message--rumor to track.

MI-40 TO: Media Inquiry

FROM: KSNW TV

TIME: 9:55

MESSAGE: **"This is a Drill"**

This is Jackson Hunt, KSNW news. Our camera crew has been flying over the Wolf Creek area taking videotape, and they report a large number of cars leaving the plant site. What is going on? Are you evacuating the plant? Do you think this means something has gone drastically wrong with the plant?

NOTE: Contact Lead Controller prior to giving this message--rumor to track.

MI-41 TO: Media Inquiry

FROM: Callaway County Times

TIME: 10:00

MESSAGE: **"This is a Drill"**

I'm George Jones, editor of the Callaway County Times in Missouri. I understand Wolf Creek plant went through an earthquake. How is it holding up? You know, Callaway plant over here is close to the New Madrid fault. We've always wondered how it would hold up--I guess well see. Could you call me every so often to let me know what's going on over there--I'm real interested?

MI-42 TO: Media Inquiry

FROM: Emporia Gazette

TIME: 10:00

MESSAGE: **"This is a Drill"**

I'm Raymond Ball with the Emporia Gazette. We're at our deadline for this edition, and we have the alert release about the Alert. Can you update me about the status of Wolf Creek?

MI-43 TO: Media Inquiry
FROM: 10:05
TIME: St. Louis Post Dispatch
MESSAGE: ***This is a Drill***

This is Ed Covey, St. Louis Post-Dispatch. We have the wire story about an Alert at Wolf Creek. Have you determined what was damaged by the earthquake? How strong a quake was it? What's going on over there right now?

MI-44 TO: Media Inquiry
FROM: Kansas City Star
TIME: 10:05
MESSAGE: ***This is a Drill***

I'm Marty Rosenblum at the Kansas City Star. There are reports of an evacuation in Coffey County resulting from radiation leaking out of Wolf Creek. Was this leak caused by the earthquake? How serious is it? Could radiation from Wolf Creek endanger Kansas City?

NOTE: Contact Lead Controller prior to giving this message--rumor to track.

MI-45 TO: Media Inquiry
FROM: KSNP
TIME: 10:10*
MESSAGE: ***This is a Drill***

This is Doug Lawrence, KSNP Radio. We've just broadcast the EBS announcement about a Site Area Emergency. Do you know which two fission product barriers have been breached? Is there a release of radiation going on, or is it just a possibility? When will you have more details--we've got to get this information on the air!

***NOTE:** Contact Lead State EOC Controller before this message to assure that the Site Area Emergency EBS announcement has been broadcast.

MI-46 TO: Media Inquiry

FROM: KVOE Radio

TIME: 10:10

MESSAGE: ***This is a Drill***

This is Barton Novak at KVOE. You really have a mess now, don't you? What exactly has happened to make you declare this Site Area Emergency? We've just broadcast the EBS announcement saying they're evacuating John Redmond Reservoir--does that mean radiation is heading this way? Should we be warning Lyon County residents to evacuate or take cover?

MI-47 TO: Media Inquiry

FROM: KWCH TV

TIME: 10:15

MESSAGE: ***This is a Drill***

This is Ron Webster, KWCH TV in Wichita. We just got a call from someone saying they're a Wolf Creek employee. They told us you've got water leaking out of the reactor out there. Can you confirm or deny that? If water is leaking out, doesn't that mean you'll have a meltdown? What about the groundwater? Wouldn't this leak contaminate ground water for miles around the plant?

NOTE: Contact Lead Controller prior to giving this message--rumor to track.

MI-48 TO: Media Inquiry

FROM: KFDI

TIME: 10:15

MESSAGE: ***This is a Drill***

I'm Buck Bodeen, KFDI Radio news. I now have information that you've upgraded your emergency, and that radioactive water is pouring out of Wolf Creek. I'm taping our conversation--can you tell our listeners what happened? Can you provide us with any details about the disaster? What should residents around the plant do? Is there any danger that radiation could threaten Wichita?

MI-49 TO: Media Inquiry
FROM: WHO Radio
TIME: 10:15
MESSAGE: *This is a Drill*

I'm Reid Elliott, WHO Radio in Chicago. There's an AP story running about an emergency at the Wolf Creek nuclear plant resulting from an earthquake. Can you update me on what's happened? How many people live in the plant area? Why don't you just evacuate all of them, just to be on the safe side?

MI-50 TO: Media Inquiry
FROM: Kansas Info. Network
TIME: 10:20
MESSAGE: *This is a Drill*

Hello, this is Ben Boatman, Kansas Information Network. I understand there has been another earthquake at Wolf Creek, and it's ruptured the water lines leading to the reactor. Can you confirm that? What do you know about the emergency? Could I get more information at the armory here in Topeka?

NOTE: Contact Lead Controller prior to giving this message--rumor to track.

MI-51 TO: Media Inquiry
FROM: KCTV-5
TIME: 10:20
MESSAGE: *This is a Drill*

KCTV-5 Action News here. We've gotten word about the upgraded emergency at Wolf Creek. We're sending a camera crew to the site--what's the best way to get there, and who can we interview once we get there?

(If asked, your name is Ryan Missap.)

MI-52 TO: Media Inquiry
FROM: KMBC-TV
TIME: 10:20
MESSAGE: ***This is a Drill***

Who is this? I'm Shiela Dresser, KMBC TV news in Kansas City. We've sending crews to Topeka and Burlington to cover the Wolf Creek disaster. Who is available that our reporters can interview? Can you give me names and titles of the spokesmen, so we can get our graphics prepared? Would you be able to verify that and call me back?

MI-53 TO: Media Inquiry
FROM: Associated Press
TIME: 10:25
MESSAGE: ***This is a Drill***

This is David Wagner, Associated Press Kansas City. There are reports out that another earthquake has struck Coffey County, with the epicenter right at Wolf Creek. Can you confirm this? Has there been further damage to the reactor? Do you know what caused the more serious situation? What are you doing to protect employees and the public around the plant?

NOTE: Contact Lead Controller prior to giving this message--rumor to track.

MI-54 TO: Media Inquiry
FROM: KAKE-TV
TIME: 10:25
MESSAGE: ***This is a Drill***

I m Bob Wood, KAKE TV news. We sent a camera crew out about an hour and a half ago, and we can't raise them on the radio. They were driving to Wolf Creek. We just heard about the Site Area Emergency. Would radiation in the air block out our radio signal? What about electromagnetic pulse--I know that's a problem with atom bombs, but would a plant accident also generate it? We're concerned about the welfare of our reporters--can you send someone out to check on them?

MI-55 TO: Media Inquiry
FROM: WDAF-TV
TIME: 10:25
MESSAGE: ***This is a Drill***

I'm Cindy Brown, WDAF-TV news. We have a camera crew located just north of Wolf Creek at an old elevator at Sharpe, Kansas. With the evacuation going on, are they in any danger of being overexposed to radiation? Would they be able to see or feel radiation if it came towards them?

MI-56 TO: Media Inquiry
FROM: KSNW-TV
TIME: 10:25
MESSAGE: ***This is a Drill***

I'm Jackson Hunt, KSNW TV. We're trying to get to the bottom of what's going on at Wolf Creek. Our reporter in Topeka says your spokesman doesn't know if the latest problems were caused by the first earthquake, or if there was a second earthquake, or if it isn't related at all to an earthquake. Can you tell me what's going on? What do you know for certain?

MI-57 TO: Media Inquiry
FROM: Wichita Eagle
TIME: 10:30
MESSAGE: ***This is a Drill***

This is Dan Woodstein, Wichita Eagle. We've been talking to Dr. John Mangers at the Kansas State University nuclear engineering department. He says nuclear plants are designed to withstand earthquakes, and that the problem you're having is possibly not related to the earthquake. Can you comment on that? Would you say it is likely or unlikely that the earthquake contributed to this problem? How long will it take to get to the bottom of what caused the problem?

MI-58 TO: Media Inquiry
FROM: Topeka Capital Journal
TIME: 1030
MESSAGE: ***This is a Drill***

Hello, I'm Steve Swartzkopf, Topeka Capital Journal. What can you tell me about the emergency at Wolf Creek? Are you evacuating people? Why is the John Redmond area being evacuated? If radiation is released, how will people in the area know about it?

MI-59 TO: Media Inquiry
FROM: United Press International
TIME: 10:30
MESSAGE: ***This is a Drill***

I'm Penny Nichols, United Press International in Kansas City. Our wire has been down all morning, and I'm just now learning of the earthquake and the emergency at Wolf Creek. Can you briefly tell me what's happened, who is being affected by the radiation, how many people have been evacuated, and what you're doing to stop the release of radiation?

MI-60 TO: Media Inquiry
FROM: ABC-New York
TIME: 10:45
MESSAGE: ***This is a Drill***

This is Brent Jennings, ABC News New York. We're flying a news team to Kansas to cover the earthquake and the nuclear plant meltdown. They'll be flying into Kansas City. What's the fastest way to get from Kansas City to the plant site? Who can our reporters interview?

MI-61 TO: Media Inquiry
FROM: CNN
TIME: 10:45
MESSAGE: ***This is a Drill***

This is Peter Annette, CNN news. We're going to be covering the Kansas earthquake and nuclear plant disaster extensively. In order to really cover this event, we'd like to send a reporter into the plant with one of your repair teams. We're of course willing to sign a waiver of liability document. How do we go about making these arrangements? You're of course aware we had a reporter in Baghdad during the war--does this mean you think the situation is more dangerous than a war? Will you contact your management with our request, and call me back as soon as possible?

NOTE: Controller contact Lead Controller prior to giving this message--track response to request.

MI-62 To Media Inquiry
FROM: KKRD Radio
TIME: 10:45
MESSAGE: ***This is a Drill***

This is Mike Gleason, KKRD Radio news. Our sources tell us that, in light of the earthquake and the nuclear plant emergency, the Kansas National Guard has been mobilized and is preparing for mass evacuations throughout the state. Can you confirm or deny this? In the worst case--if Wolf Creek blows up and pours out all its radiation--how much of the state could be contaminated? Are we talking about possible evacuation of Wichita?

MI-63 TO: Media Inquiry

FROM: NBC- New York

TIME: 11:00

MESSAGE: **"This is a Drill"**

This is Frank Barsa, assistant producer for NBC Nightly News. We want to have someone from Wolf Creek available for a live interview on our 6:30 newscast. They could go to one of our affiliate stations--probably WDAF-TV in Kansas City, or KSNT-TV in Topeka--to do the interview. What do we need to do to arrange this? They need to be in the studio in Kansas City or Topeka by 6:15--that's 5:15 your time.

NOTE: Controller contact Lead Controller prior to giving this message--track response to request.

MI-64 TO: Media Inquiry

FROM: BBC--London

TIME: 11:00

MESSAGE: **"This is a Drill"**

This is Miles Hambaugh, with the British Broadcasting Corporation in London. We're reporting on the emergency caused by an earthquake at your Wolf Creek power station. You may be aware that our Sizewell station is built from the same design. Just how much damage has been done to the plant? Is it leaking radiation? Have the plant systems operated as they are designed to do throughout this affair?

MI-65 TO: Media Inquiry

FROM: KVOE Radio

TIME: 11:00

MESSAGE: **"This is a Drill"**

This is Barton Novak, KVOE news in Emporia. We're getting flooded with calls from listeners who are worried about being irradiated from Wolf Creek. What's the status--are you still saying that no one is in danger? Is there anything we should tell our listeners to do as a precautionary measure?

MI-66 TO: Media Inquiry

FROM: KFDI

TIME: 11:15

MESSAGE: ***This is a Drill***

Hi, this is Buck Bodeen again, with KFDI Radio news. I need an update on Wolf Creek--can I record your response? Ok--What's currently happening at Wolf Creek? Is the situation getting better or worse? If radiation does leak out of the plant, where would you expect it to go? Do you think Wichita would be in any danger?

MI-67 TO: Media Inquiry

FROM: KVOE Radio

TIME: 11:30*

MESSAGE: ***This is a Drill***

We've just broadcast an EBS announcement of a General Emergency at Wolf Creek. It really doesn't give much detail--can you tell me what's happened? Has there been an explosion, or another earthquake--what caused you to do this? The EBS announcement doesn't say anything about Emporia or Lyon county--is there anything people in this area should be doing to protect themselves?

***NOTE:** Contact Lead State EOC Controller before this message to assure that the General Emergency EBS announcement has been broadcast.

MI-68 TO: Media Inquiry

FROM: WDAF-TV

TIME: 11:30*

MESSAGE: ***This is a Drill***

We understand a General Emergency is in effect at Wolf Creek. Does that mean there has been a meltdown? Just how serious is this? Could the Kansas City area be affected by deadly radiation?

***NOTE:** Contact Lead State EOC Controller before this message to assure that the General Emergency EBS announcement has been broadcast.

MI-69 TO: Media Inquiry
FROM: Kansas Information Network
TIME: 11:30*
MESSAGE: **"This is a Drill"**

We've heard that a General Emergency has been declared, and some people are being evacuated from the area around Wolf Creek. What caused this? Has there been another earthquake, or did the first one cause something to malfunction? How many people live within 10 miles of the plant?

***NOTE:** Contact Lead State EOC Controller before this message to assure that the General Emergency EBS announcement has been broadcast.

MI-70 TO: Media Inquiry
FROM: UPI
TIME: 11:45
MESSAGE: **"This is a Drill"**

This is Penny Nichols, United Press International in Kansas City. I need some background information on radiation--can you help me? What is a rem? How is that different from a millirem? Can you tell if you're being exposed to radiation? How much radiation can you be exposed to before you get cancer?

MI-71 TO: Media Inquiry
FROM: Topeka Capital Journal
TIME: 11:45
MESSAGE: **"This is a Drill"**

This is Steve Swartzkopf, Topeka Capital Journal. Can you give me a summary of what's happened at the plant? How many people are being affected? Does radiation always go with the wind? What can you do to stop the release of radiation?

MI-72 TO: Media Inquiry

FROM: WIBW-TV

TIME: 11:45

MESSAGE: **"This is a Drill"**

Hello, I'm Nancy McFall, assignment editor for WIBW-TV. We're going to send a news crew out to cover the evacuation of Coffey County. I need to know how far down Highway 75 they can go--can you still get to Burlington, or is the road blocked? Where are people being evacuated to?

MI-73 TO: Media Inquiry

FROM: CBS--New York

TIME: 12:00

MESSAGE: **"This is a Drill"**

I'm Cecilia Castle, CBS news New York. We have the wire story about the nuclear disaster at Wolf Creek. Is this the first time a General Emergency has been declared in the United States? How does this compare to Chernobyl? If you could characterize this emergency in just one word, what would that word be? Where is the closest place we can send crews to cover the evacuation?

MI-74 TO: Media Inquiry

FROM: WDAF-TV

TIME: 12:00

MESSAGE: **"This is a Drill"**

This is Cindy Brown, WDAF-TV. According to our sources in Coffey County, there has been an explosion at Wolf Creek which has literally ripped the reactor dome wide open. They say you can see radiation pouring out in a black cloud. Can you confirm this? Exactly what has happened, and what can you see from outside the plant?

NOTE: Contact Lead Controller prior to giving this message--rumor to track.

MI-75 TO: Media Inquiry
FROM: KANU Radio
TIME: 12:15
MESSAGE: **"This is a Drill"**

This is Elissa Hirschfield, reporting for KANU and National Public Radio. In simple terms, wasn't the disaster at Wolf Creek caused by a failure of both man and machine? Isn't this just the kind of failure your critics have been talking about for years? Wouldn't it just make good sense to shut down all the other nuclear plants in the country after seeing what a terrible price we in Kansas are paying for this technology gone astray?

MI-76 TO: Media Inquiry
FROM: ABC Nightline
TIME: 12:15
MESSAGE: **"This is a Drill"**

I'm Aaron Snell, with ABC News Nightline. We're preparing special coverage of the nuclear plant disaster and the earthquake for tonight's show. I need background information. When was Wolf Creek built? What kind of reactor is it? Who owns the plant? Has it had a history of poor performance? Where is it located from Kansas City? What impact will this disaster have both on your owner utilities, and on all utilities in the U.S. who have nuclear plants?

MI-77 TO: Media Inquiry
FROM: CNN
TIME: 12:15
MESSAGE: **"This is a Drill"**

I'm Peter Anette at CNN. I'm getting reports that the disaster at Wolf Creek was caused either by a nuclear or a hydrogen explosion. Can you confirm that? Could that kind of an explosion just happen, or would you think it might be the result of a terrorist attack? Have you had any tightening of security as a result of the Gulf War?

NOTE: Contact Lead Controller prior to giving this message--rumor to track.

MI-78 TO: Media Inquiry
FROM: Kansas City Star
TIME: 12:30
MESSAGE: **"This is a Drill"**

This is Marty Rosenblum, Kansas City Star. What's happening now at Wolf Creek? We've heard that the General Emergency was caused by a hydrogen explosion--where did the hydrogen come from? Is it possible that it could happen again?

MI-79 TO: Media Inquiry
FROM: UPI
TIME: 12:30
MESSAGE: **"This is a Drill"**

Hello, I'm Penny Nichols, UPI. We've been told by a reliable source that the farmland in Coffey County will never be usable again because of the radiation contamination. If that's true, who will pay the farmers in the area for their loss? Does Wolf Creek have insurance for this kind of thing?

MI-80 TO: Media Inquiry
FROM: KKOY-TV
TIME: 12:30
MESSAGE: **"This is a Drill"**

This is Anne Frank, KKOY TV news. How much of the state do you think will be contaminated by radiation from Wolf Creek? Is it deadly to people? How will this affect agriculture in the area?

MI-81 TO: Media Inquiry
FROM: Pittsburgh Morning Sun
TIME: 12:45
MESSAGE: "This is a Drill"

This is Don Winston, Pittsburgh Morning Sun. There are a lot of people here in Pittsburgh who are really worried about getting radiated from the Wolf Creek accident. We're only 90 miles downwind. The local Army/Navy store has had a run on gas masks, and we've also seen people sealing up their windows with plastic. How much radiation will get here, and what precautions should our residents be taking? Will we be able to see a cloud of radioactivity, or how do you know where it is? If someone is exposed, does it burn their skin like acid? Will someone from the state or the Department of Energy be coming here to help us prepare for the radioactive cloud?

NOTE: Controller contact Lead Controller before giving message--misinformation to track.

MI-82 TO: Media Inquiry
FROM: NBC Today Show
TIME: 12:45
MESSAGE: "This is a Drill"

Hello, I'm Jan Stephenson, reporter for the NBC Today Show. We're doing a special show in the morning about the disaster at your nuclear plant. I need some background information. How much did Wolf Creek cost to build? Where exactly is it located? Who are the owners? How old is the plant? How many people work there? What is the town nearest the plant, and how large is it? How close is the nearest large city?

MI-83 TO: Media Inquiry
FROM: McNeil Leher News Hour
TIME: 12:45
MESSAGE: **"This is a Drill"**

I'm James Chestnut, producer for the McNeil Leher news hour on the public broadcasting system. We're looking for an official from Wolf Creek to be involved in a discussion of the disaster on tonight's 7 p.m. newscast. Can you, or someone on your staff, join us from one of the local PBS studios?

MI-84 TO: Media Inquiry
FROM: KVOE Radio
TIME: 1:00
MESSAGE: **"This is a Drill"**

This is Barton Novak, KVOE Radio in Emporia. We've received word from a Wolf Creek employee that six workers received a tremendous radiation dose in fixing the plant today. Can you tell me who those workers are, and what their condition is? Any idea if they have been taken to a hospital or are they being treated on the scene? Just what is a lethal dose of radiation, and what does it do to you? If someone is overexposed, what are their symptoms?

NOTE: Contact Lead Controller prior to giving this message--rumor to track.

MI-85 TO: Media Inquiry
FROM: KSNW
TIME: 1:00
MESSAGE: **"This is a Drill"**

This is Jackson Hunt, KSNW TV news. I understand you've stopped the release of radiation from Wolf Creek. How much radiation escaped, and where did it go? Will you be able to decontaminate the area, or will it always be a wasteland? Do you know how many people were exposed to radiation? What about employees--was anyone hurt or exposed to radiation during this disaster?

MI-86 TO: Media Inquiry
FROM: CNN
TIME: 1:00
MESSAGE: **"This is a Drill"**

This is Peter Annette, CNN news. Our reporters tell us that the radiation release from Wolf Creek has been stopped. How much of the area has been contaminated? Do you know yet what exactly caused the radiation release? Was this a direct result of the earthquake? How many people were evacuated from the area?

MI-87 TO: Media Inquiry
FROM: San Francisco Examiner
TIME: 1:15
MESSAGE: **"This is a Drill"**

This is Terry Grayson with the San Francisco Examiner. We're doing a story on the Kansas earthquake and how it virtually destroyed your nuclear power plant. As you know, our Diablo Canyon and San Onofre power plants have both been criticized for being near fault lines. After this experience, don't you think those plants should be shut down to prevent this same thing from happening out here?

MI-88 TO: Media Inquiry
FROM: Topeka Capital Journal
TIME: 1:15
MESSAGE: **"This is a Drill"**

This is Steve Swartzkopf, Topeka Capital Journal. Have you determined how much radioactive material escaped from the plant today? Was the radiation release a result of the earthquake? How did you stop the radiation from escaping? Have any employees, or members of the local public, been injured or contaminated?

MI-89 TO: Media Inquiry
FROM: KAKE-TV
TIME: 1:15
MESSAGE: *This is a Drill*

This is Bob Wood, KAKE-TV news. Our reporter in Garnett has been talking to some of the first evacuees from Coffey County. They're scared and very concerned about whether it will ever be safe to return to their homes. Do you know if they'll be able to go back? Who will make the decision as to whether it is safe--Wolf Creek, the State, or the Nuclear Regulatory Commission?

MI-90 TO: Media Inquiry
FROM: Newsweek
TIME: 1:30
MESSAGE: *This is a Drill*

This is Cassandra Strahm, Newsweek magazine. We're going to do a special story in the next issue about the Kansas earthquake and the nuclear plant meltdown. I'll be sending a reporter and a photographer out there this afternoon. Where's the best place for them to go? How do they get there from the Kansas City airport?

MI-91 TO: Media Inquiry
FROM: Wichita Eagle
TIME: 1:30
MESSAGE: *This is a Drill*

Hello, I'm Dan Woodstein, Wichita Eagle. We've heard from a reliable source that more than 50 Coffey County residents have been seriously contaminated with radiation from Wolf Creek. Can you verify that for me? Can you call me back with an answer before 3:00?

NOTE: Contact Lead Controller prior to giving this message--rumor to track.

MI-92 TO: Media Inquiry
FROM: Kansas City Star
TIME: 1:30
MESSAGE: **"This is a Drill"**

This is Marty Rosenblum, Kansas City Star. Now that the radiation release is over, what is your plan to get people back into their homes? What areas again have been evacuated? How many people does that involve? Are there any reports of injuries or contamination among your workers or the public?

MI-93 TO: Media Inquiry
FROM: National Enquirer
TIME: 1:45
MESSAGE: **"This is a Drill"**

This is Dana Weltsch, and I'm a reporter for the National Enquirer. Tell me--how can I get a hold of some of the people who were evacuated today? Was anyone hurt? How many people live around the plant? Are there a lot of farms and dairies there?

MI-94 TO: Media Inquiry
FROM: USCEA
TIME: 1:45
MESSAGE: **"This is a Drill"**

This is Pat Putnam, and I'm in charge of public relations for the U.S. Council for Energy Awareness. We've been bombarded with calls from the media and other utilities wanting more information about the accident at Wolf Creek. Can you give me the latest information you have about what's happened? Was anyone hurt? Any idea how much radiation was released, and how much land was contaminated?

MI-95 TO: Media Inquiry
 FROM: KAKE-TV
 TIME: 1:45
MESSAGE: **"This is a Drill"**

I'm Bob Wood, KAKE-TV news. Can you update me on the status of the Wolf Creek disaster--what's the most recent developments? Have you done anything to "shore up" the plant in case there is another earthquake or aftershock later today? Do you know whether or not the accident was a direct result of the quake, or were there other factors involved?

Note: Some messages are for both Wichita and Kansas City. For Wichita, use the first set of call letters and reporter names; for Kansas City, the second set.

MM-1 TO: Media Monitoring

FROM: TV

TIME: 8:50

MESSAGE: **"This is a Drill"**
(Graphic--KSNW/KCTV-5 Special Report)

Good morning, I'm Jackson Hunt/Ryan Milsap in the KSN/KCTV-5 newscenter. We have unconfirmed reports that an earthquake has struck Coffey County in eastern Kansas. We don't yet know the severity of the quake, but reports from law enforcement officials in the area say there was an earthquake, and there will likely be damage resulting from it. KSN/KCTV-5 has a news team in route to the area, and we'll have more information as it becomes available.

Again, an earthquake has reportedly struck the Coffey County area in eastern Kansas. We'll have more information as it becomes available. This is Jackson Hunt/Ryan Milsap, KSN/KCTV-5 news.

MM-2 TO: Media Monitoring

FROM: TV

TIME: 9:00

MESSAGE: **"This is a Drill"**

I'm Bob Wood/Dan Marks in the KAKE/KMBC newsroom. An earthquake has been reported in eastern Kansas this morning. According to unconfirmed reports, the quake was centered near Burlington, Kansas, about 60 miles south of Topeka. The quake registered 4 on the Richter scale, and has reportedly caused some damage in the area.

Information is sketchy at best. We'll have more details as they become available. I'm Bob Wood/Dan Marks, KAKE/KMBC news.

MM-3 TO: Media Monitoring
FROM: Radio
TIME: 9:10
MESSAGE: **"This is a Drill"**

Here's a special bulletin from the KFDI/WDAF Radio newsroom. An earthquake has been reported in Coffey County, that's about 60 miles south of Topeka. Very little is known about the extent of damage resulting from the earthquake. We have unconfirmed reports that the earthquake measured 5 on the Richter scale. KFDI/WDAF will have more details as soon as they're available. I'm Buck Bodeen/Don Bishop, KFDI/WDAF radio news.

MM-4 TO: Media Monitoring
FROM: TV
TIME: 9:15
MESSAGE: **"This is a Drill"**

We interrupt our regular programming for a special report from the KWCH/WDAF newsroom.

Good morning. I'm Jan Chestnut/Cindy Brown. An earthquake has struck Coffey County, in eastern Kansas. According to the U.S. Geological Survey, the quake measured 4.7 on the Richter scale.

In addition, we've just received word that the Wolf Creek nuclear power plant, located in Coffey County, has declared an Alert, and is preparing to shut down. We don't yet know the extent of damage to that nuclear plant, or if any radiation has been released.

Again, an earthquake has been reported in eastern Kansas, centered roughly 60 miles south of Topeka. We'll interrupt programming as soon as more information is available. I'm Jan Chestnut/Cindy Brown, KWCH/WDAF news.

MM-5 TO: Media Monitoring
FROM: Radio
TIME: 9:15
MESSAGE: **"This is a Drill"**

I'm Michelle Givens/Laura McGill with a special bulletin from KKRD/KCMO news. An earthquake registering nearly 5 on the Richter scale has been reported near Burlington, Kansas in rural Coffey County. We don't yet have damage reports from the quake, but the Wolf Creek nuclear plant has just declared an Alert emergency, and is shutting down as a result of the quake. Wolf Creek is located five miles north of Burlington. Plant official say the quake was felt at 8:00 this morning, and that no radiation has yet been released.

Stay tuned to KKRD/KCMO for more details. I'm Michelle Givens/Laura McGill.

MM-6 TO: Media Monitoring
FROM: TV
TIME: 09:15
MESSAGE: **"This is a Drill"**

Hello, I'm Jackson Hunt/Ryan Milsap. The Wolf Creek nuclear power plant near Burlington, Kansas has just declared an Alert, their second level of emergency, as a result of an earthquake which struck the Coffey County area about an hour ago.

Wolf Creek officials say no radiation has been released, and the plant is being shut down. Plant operators are following their emergency procedures.

We will be following this rapidly developing story closely, and will have more reports as information becomes available.

I'm Jackson Hunt/Ryan Milsap, KSN/KCTV-5 news.

MM-7 TO: Media Monitoring
FROM: TV
TIME: 9:20
MESSAGE: "This is a Drill"

We interrupt this program for a special report from KAKE/KMBC news.

Good morning, I'm Bob Wood/Dan Marks. The Wolf Creek nuclear power plant near Burlington, Kansas has declared an Alert this morning, as the result of damage received in an earthquake which struck the area about an hour and a half ago. Plant officials say no radiation has been released, but the quake was felt at the plant and crews are now "walking down" various systems to see if there has been damage.

Meanwhile, there are unconfirmed reports from area residents of six people who were injured when a grain elevator collapsed during the quake. Again, those are unconfirmed reports we are currently trying to verify. We'll be breaking into programming periodically, as details become available. This is Bob Wood/Dan Marks, KAKE/KMBC news.

MM-8 TO: Media Monitoring
FROM: Radio
TIME: 9:20
MESSAGE: "This is a Drill"

An earthquake measuring nearly 5 on the Richter scale has hit rural Coffey County. I'm Carey Gold/Dawn Palmer, with a special report from the KEYN/KMBZ newsroom. I talked with Doug Lawrence, radio station KSNP in New Strawn, and he gave me this report:

(Lawrence) The earthquake hit here about 8 a.m. We first heard a rumbling kind of like thunder, then felt the building shake or shudder. I haven't heard of much damage to speak of, but it sure did get our attention!

(Gold/Palmer) And it also got the attention of the Wolf Creek nuclear plant, located five miles north of Burlington in Coffey County. Plant operators have declared an Alert, their second of four emergency classifications. They say no radiation has escaped, but they want to shut the plant down and check for damage.

From the KEYN/KMBZ newsroom, I'm Carey Gold/Dawn Palmer.

MM-9 TO: Media Monitoring
FROM: Radio
TIME: 9:25
MESSAGE: "This is a Drill"

This just in to the KMWU/KCUR news room--An earthquake has been reported in Coffey County Kansas, some 60 miles south of Topeka. Reports from the scene say the tremor caused some broken windows and other minor damage. The Wolf Creek nuclear power plant, located near the epicenter of the quake, has declared an emergency and is shutting down. Plant operators say no radiation has been released, and they are shutting the plant down as a precautionary measure. I'm Riley Mock/Stan Baxter, KMWU/KCUR news.

MM-10 TO: Media Monitoring
FROM: TV
TIME: 9:25
MESSAGE: "This is a Drill"

(graphic--Special Report)

Hello, I'm Jackson Hunt/Ryan Milsap in the KSN/KCTV-5 newsroom with an update on the earthquake in eastern Kansas. We now have word that the tremor measured nearly 5 on the Richter scale. By comparison, the San Francisco earthquake last year measured nearly 8 on the scale. While damage seems to generally be light, there is one notable exception. The Wolf Creek nuclear plant has declared an Alert, their second of four emergency levels. Operators are very concerned that the plant may have been damaged, and they're trying to get it shut down as soon as possible to begin inspecting for damage.

We have a crew on its way to Coffey County to get a first-hand look at the situation. We'll let you know as soon as that crew arrives. This is Jackson Hunt/Ryan Milsap, KSN/KCTV-5 news.

MM-11 TO: Media Monitoring
FROM: Radio
TIME: 9:30
MESSAGE: **"This is a Drill"**

Good morning! With KFDI/WDAF radio news at the bottom of the hour, I'm Buck Bodeen/Dan Bishop. Leading the news this morning, an earthquake measuring nearly 5 on the Richter scale struck Coffey County in eastern Kansas at about 8 o'clock this morning. Residents reported minor damage to homes and businesses, and the Wolf Creek nuclear power plant declared an Alert, the second of four emergency conditions. Plant operators say no radiation was released, but they are going to do a thorough inspection for damage to the \$3 billion plant.

MM-12 TO: Media Monitoring
FROM: Radio
TIME: 9:30
MESSAGE: **"This is a Drill"**

This is KKRD/KCMO radio news, brought to you this morning by Baxter Plumbing and Heating--Keep your cool this summer with a Trane heat pump from Baxter Plumbing and Heating. This hour's top story--Windows rattled and the ground shook this morning in Burlington, some 60 miles south of Topeka, as the result of an earthquake measuring over 4 on the Richter scale. According to reports from the scene most damage was minor. The Wolf Creek nuclear plant, located in Coffey County, declared an Alert emergency as a result of the tremor. Plant operators say the plant operated throughout the quake, but that it was being shut down to conduct safety inspections of equipment.

MM-13 TO: Media Monitoring
FROM: TV
TIME: 9:45
MESSAGE: "This is a Drill"

Note: This message for both Kansas City and Wichita.

Announcer: From CBS news in New York, this is newsbreak with Cecilia Castle.

Castle: Good morning. Kansas residents are getting a taste of California this morning. and they're not happy about it. An earthquake measuring 4.7 on the Richter scale was recorded in rural Coffey County Kansas. Residents of Burlington, Kansas, population 3500, reported broken windows and minor structural damage to homes and businesses. The Wolf Creek nuclear power plant near Burlington declared an emergency and shut down following the tremor. Plant operators say no radiation was released. More news in a moment.

MM-14 TO: Media Monitoring
FROM: Radio
TIME: 9:50
MESSAGE: "This is a Drill"

First with news, this is KXLK/KBEQ. I'm Darrell Washington/Tanner White. The ground shook and buildings swayed in Burlington, Kansas this morning, as an earthquake measuring nearly 5 on the Richter scale hit the rural Kansas community. Most damage was reported minor, but the Wolf Creek nuclear power plant did declare an Alert emergency. Plant operators say there is no apparent damage, but they want to take a closer look at the plant before it resumes operation.

MM-15 TO: Media Monitoring
FROM: TV
TIME: 9:55
MESSAGE: **"This is a Drill"**

Good morning, I'm Bob Wood/Dan Marks with a KAKE-TV/KMBC-TV news update. An earthquake measuring at least 4.5 on the Richter scale hit eastern Kansas about 8 o'clock this morning. Minor damage has been reported in Burlington, Kansas, and the Wolf Creek nuclear power plant is on alert, with technicians inspecting for possible damage. Plant operators say the \$3 billion plant's systems operated throughout the quake, and no radiation has been released. We'll have more news after these messages.

MM-16 TO: Media Monitoring
FROM: TV
TIME: 9:55
MESSAGE: **"This is a Drill"**

(Graphic--Special Report)
Good morning from the KSN/KCTV-5 newsroom, I'm Jackson Hunt/Ryan Milsap. A rare earth tremor measuring nearly 5 on the Richter scale struck rural Coffey County at 8 this morning. Reports from Burlington, Kansas indicate only minor damage and no injuries. The Wolf Creek nuclear power plant has shut down as a result of the tremor, but the Nuclear Regulatory Commission says there has been no release of radiation. We'll have more on the story a noon.

MM-17 TO: Media Monitoring
FROM: Radio
TIME: 10:00
MESSAGE: **"This is a Drill"**

This is KFBI/WDAF radio news at the top of the hour, I'm Buck Bodeen/Don Bishop. At the top of the news--An earthquake shook Coffey County residents at 8 o'clock this morning. Moderate damage has been reported in New Strawn, Kansas, and the quake knocked the Wolf Creek nuclear power plant off line. Plant and federal officials say no radiation was released.

MM-18 TO: Media Monitoring
FROM: TV
TIME: 10:00
MESSAGE: ***This is a Drill***

From the TV-12/WDAF-TV newsroom, here's a morning update. I'm Jan Chestnut/Cindy Brown. Wolf Creek nuclear power plant remains in an Alert emergency, after an earthquake rattled the plant this morning. Plant officials are shutting the plant down, but say no radiation has been released. We'll have more news after these messages.

MM-19 TO: Media Monitoring
FROM: Radio
TIME: 10:00
MESSAGE: ***This is a Drill***

This just in to the KKRD/KCMO radio newsroom. An evacuation of residents living near the crippled Wolf Creek nuclear power plant has reportedly been ordered. Witnesses on the scene report many residents and plant employees are leaving the area. We have been unable to confirm evacuation plans with the State or with Wolf Creek officials. A spokesman at KG&E/KCPL in Wichita/Kansas City had no comment about the situation. We'll be back with more information as soon as it is available. I'm Michelle Givens/Laura McGill, KKRD/KCMO news.

NOTE: Controller contact lead controller before giving this message--rumor to track.

MM-20 TO: Media Monitoring
FROM: Radio
TIME: 10:15
MESSAGE: "This is a Drill"

This is Riley Mock/Stan Baxter, KMWU/KCUR radio news. Sources in Kansas Governor Finney's office have informed us that the situation at Wolf Creek nuclear power plant is worsening. Reliable sources tell us that a Site Area Emergency has been declared, and an evacuation of Coffey County is underway. We've been unable to reach any KG&E/KCPL or Wolf Creek officials to confirm this. However, we do have information from a reliable source in Governor Finney's office that the Wolf Creek accident is worsening, and an evacuation of the area around the plant is underway. We'll be following this story closely, and will get more information to you as soon as possible. I'm Riley Mock/Stan Baxter in the KMWU/KCUR newsroom.

NOTE: Controller contact lead controller before giving this message--rumor to track.

MM-21 TO: Media Monitoring
FROM: TV
TIME: 10:00
MESSAGE: "This is y Drill"

<Graphic: BULLETIN>
KAKE TV/KMBC TV-> has just received word that a Site Area Emergency has been declared at Wolf Creek nuclear plant in Coffey County. Reliable sources tell us that there is a threat of a radioactive release, and residents of the Coffey County area around Wolf Creek are being evacuated. We're expecting an update from Wolf Creek officials within minutes. We'll interrupt programming as soon as that further information is available. I'm Bob Wood/Dan Marks, KAKE/KMBC news.

NOTE: Controller contact lead controller before giving this message--rumor to track.

MM-22 TO: Media Monitoring

FROM: TV

TIME: 10:25

MESSAGE: ***This is a Drill***

<Graphic: SPECIAL REPORT>

Announcer: The following is a special report from the KWCH
TV-12/WDAF TV news room.

Good morning, I'm Jan Chestnut/Cindy Brown. Things are getting worse at the Wolf Creek nuclear power plant. Earlier this morning, the plant was rocked by an earthquake centered near the plant. Plant officials first thought no damage had occurred, but now they've declared a Site Area Emergency, the second most serious of four emergency classifications. For a first-hand report, we're now going live to Sam Danielson/Peter Dennings, on the scene near the ailing Wolf Creek plant. Sam/Peter, what can you see from your present location.

Sam/Peter: Jan/Cindy, were located about two miles north of Wolf Creek. We can see the plant in the background, but there are no outward signs of any problem. There have been a number of cars coming out of the plant, and when we tried to get a closer look, we were turned away by sheriff's deputies and Wolf Creek security officers. The civil defense sirens have gone off in the area, and a notice has been broadcast on the emergency broadcast system warning residents who live southeast of the plant to evacuate. So far, however, there is no outward sign of trouble from our vantage point.

Jan/Cindy: You are within a few miles of the plant--do you believe you're in any danger?

Sam/Peter: No, not as far as we know. The wind is blowing toward the southeast, so if there is a release of radiation, it should blow away from us.

Jan/Cindy: Thank you Sam/Peter. Again, a Site Area Emergency has been declared at Wolf Creek. Residents living southeast of the nuclear plant are being evacuated. Officials tell us the Wichita/Kansas City area would not be affected, even if there is a meltdown at the plant. Stay tuned to TV-12/WDAF for continuing coverage of this developing nuclear emergency.

MM-23 TO: Media Monitoring
FROM: TV
TIME: 10:28
MESSAGE: **"This is a Drill"**

Announcer: We interrupt this program for a Special Report from the KSN/KCTV-5 news room.

A major development has taken place within the past few minutes at Wolf Creek nuclear power plant in eastern Kansas. Good morning, I'm Jackson Hunt/Ryan Milsap.

Wolf Creek officials declared a Site Area Emergency a few minutes ago when a pipe carrying reactor cooling water broke, draining coolant from the reactor. Officials say they are trying to keep coolant flowing to the reactor, but that pumps designed to do that also have failed.

A State of Kansas emergency worker we talked to said that no radiation has yet been released, but that an evacuation is taking place southeast of the plant in case radiation is released.

Again, a very serious situation is taking place at the Wolf Creek nuclear plant, located about 60 miles south of Topeka. This is Jackson Hunt/Ryan Milsap, KSN/KCTV-5 news.

MM-24 TO: Media Monitoring
FROM: Radio
TIME: 10:30
MESSAGE: "This is a Drill"

Good morning, I'm Buck Bodeen/Don Bishop with KFDI/WDAF radio news. A nuclear nightmare is beginning to unfold at the Wolf Creek nuclear plant in eastern Kansas. Earlier this morning, the plant was jolted by an earthquake measuring nearly 5 on the Richter scale. Officials first thought the plant survived the quake intact, but within the past few minutes water has begun leaking from the plant's reactor. A Site Area Emergency has been declared, and residents of Coffey County living southeast of the crippled plant have been told to evacuate. Dr. Walt Morgan/Dr. Dean Steinhoff, professor of physics at WSU/UMKC, told us that the situation is a serious one.

Morgan/Steinhoff: A nuclear plant's fuel is very hot and highly radioactive. It must remain covered with water. If that water leaks out, the radioactive fuel will melt through the reactor, through the building it is kept in, and into the ground. When it strikes ground water, it will form a geyser that could throw radioactive materials into the environment for miles around the plant.

Bodeen/Bishop: Officials at Wolf Creek say there has not yet been a release of radiation, and that they are doing everything possible to get the plant under control.

MM-25 TO: Media Monitoring
FROM: Radio
TIME: 10:30
MESSAGE: "This is a Drill"

Good morning, I'm Michelle Givens/Laura McGill, KKRD/KCMO radio news. The threat of a meltdown prompted officials of the Wolf Creek nuclear power plant to declare a Site Area Emergency a few minutes ago. The plant was damaged when an earthquake measuring 4.7 on the Richter scale hit Coffey County at about 8 o'clock this morning. Residents living southeast of the plant are being evacuated. Officials say that as yet no radiation has been released.

MM-26 TO: Media Monitoring
FROM: Radio
TIME: 10:30
MESSAGE: "This is a Drill"

From National Public Radio, I'm Mike Wallace. Threats of a nuclear catastrophe are coming from rural Kansas this morning. A rare earthquake has struck the Wolf Creek atomic power plant in eastern Kansas, causing damage and prompting plant officials to declare a Site Area Emergency, the second most serious of four emergency levels. Residents living within 10 miles downwind of the plant are being evacuated. Plant officials say that while the situation is serious, no radiation has yet been released.

MM-27 TO: Media Monitoring
FROM: TV
TIME: 10:45
MESSAGE: "This is a Drill"

Announcer: From KAKE/KMBC news this is a Special Report.

Good morning, I'm Bob Wood/Dan Marks. A Site Area Emergency remains in effect at the Wolf Creek nuclear power plant near Burlington, Kansas. This is the second most serious of four emergency classifications for nuclear power plants. Wolf Creek officials say cooling water is pouring out of the plant's nuclear reactor. Residents living within 10 miles downwind, or southeast of the plant, are being evacuated in case radiation is released. When asked why only people within 10 miles are being evacuated, a Wolf Creek official said, quote, "that's the zone our emergency plans cover." From the KAKE/KMBC newsroom, I'm Bob Wood/Dan Marks.

MM-28 TO: Media Monitoring
FROM: Radio
TIME: 10:45
MESSAGE: "This is a Drill"

This just in to the KRZZ/KMBC newsroom--the Wolf Creek nuclear power plant has declared a Site Area Emergency, following an earthquake which rattled the plant earlier this morning. State of Kansas officials have ordered residents living southeast of the plant to evacuate. Apparently a pipe carrying cooling water to the plant's reactor broke, draining water away from the radioactive reactor core. Officials say there is no immediate danger of a nuclear explosion, but that some radiation may be released. Again, the Wolf Creek nuclear plant 60 miles south of Topeka has declared a Site Area Emergency, and people living downwind of the crippled plant are being evacuated. With a KRZZ/KMBC news update, I'm Tim Malone/Dan Marks.

MM-29 TO: Media Monitoring
FROM: TV
TIME: 11:00
MESSAGE: "This is a Drill"

Announcer: From ABC News in New York, this is a Special News Update with Diana McFall.

Good morning. A nuclear power plant in the heart of Kansas is in trouble this morning. The Wolf Creek nuclear plant 90 miles southeast of Kansas City was rocked by an earthquake, and has declared a Site Area Emergency. Officials say no radiation has yet been released outside the plant, but a pipe carrying reactor coolant has broken, and water is draining out of the reactor. Residents within 10 miles of the plant are being evacuated. Stay tuned to this ABC station for more information.

MM-30 TO: Media Monitoring

FROM: TV

TIME: 11:00

MESSAGE: "This is a Drill"

Announcer: We interrupt this program for a Special Report from CBS news in New York.

Good morning, this is Dan Mather. Two rare and dangerous situations have developed in the farmland of Kansas this morning. An earthquake measuring 4.8 on the Richter scale struck the sleepy village of Burlington, Kansas earlier this morning. If that wasn't enough, the Wolf Creek nuclear power plant located near Burlington has declared a Site Area Emergency after water began pouring from the plant's reactor. Dr. Don Wiechland, a nuclear power expert from the watchdog group Scientists for Responsible Power, says the earthquake could have weakened essential plant safety systems.

Wiechland: We've seen time and time again cases where piping at nuclear plants corrodes, and just won't stand up to the kind of stress you'd find in a seismic situation. Once cooling water is interrupted, the uranium fuel melts and forms hydrogen inside the reactor building. You only need a five percent concentration of hydrogen to explode and rupture the containment building. When that happens, you get a Chernobyl-like release of radiation.

Mather: Wolf Creek officials still say the situation is under control, and no radiation has been released. We'll continue our coverage of the Wolf Creek reactor accident, breaking into programming as more information becomes available. I'm Dan Mather, CBS News.

MM-31 TO: Media Monitoring

FROM: TV

TIME: 11:15

MESSAGE: *This is a Drill*

<Graphic: SPECIAL REPORT>

Announcer: We interrupt this program for a Special Report from the KWCH/WDAF newsroom.

Good morning. I'm Jan Chestnut/Cindy Brown. We have more information on the emergency at Wolf Creek nuclear power plant. For a report, let's go live to Jeff Gilmore/Ian Collins in the emergency news center in Topeka.

Jan/Cindy, I've just finished talking to a spokesman for Wolf Creek Nuclear Operating Corporation. He tells me that plant workers are currently trying to keep water flowing to the damaged Wolf Creek reactor. A pipe inside the reactor has broken, allowing water to leak out. They are also having problems with pumps that are supposed to provide emergency cooling to the reactor. The spokesperson was cautiously optimistic about getting this problem solved without releasing radiation to the environment. However, an evacuation of residents living downwind of the plant is taking place just in case they can't control the reactor. We're just getting ready for another briefing here, so I'll turn it back over to you, Jan/Cindy.

Jan/Cindy: Thank you, Jeff/Ian. We'll have more on the Wolf Creek accident on our news at noon. This is Jan Chestnut/Cindy Brown, KWCH/WDAF TV news.

MM-32 TO: Media Monitoring

FROM: Radio

TIME: 11:15

MESSAGE: *This is a Drill*

This is Buck Bodeen/Don Bishop in the KFDI/WDAF radio news room. Officials of the Wolf Creek nuclear power plant are still trying to get control of the damaged reactor. A spokesperson for Wolf Creek Nuclear Operating Corporation says efforts are underway to restore cooling water flow to the reactor, after an earthquake caused one of the plant's cooling system pipes to break. A Site Area Emergency, the second most serious of four emergency levels, remains in effect. Residents living within 10 miles southeast of the plant have been ordered to evacuate the area. I'm Buck Bodeen/Don Bishop in the KFDI/WDAF newsroom.

MM-33 TO: Media Monitoring

FROM: Radio

TIME: 11:30

MESSAGE: *This is a Drill*

This is Carey Gold/Dawn Palmer in the KEYN/KMBZ newsroom. We have unconfirmed reports of a hydrogen explosion occurring moments ago at the Wolf Creek nuclear power plant. Local law enforcement radio transmissions in the Coffey County area say the explosion occurred in the plant's reactor building and may result in a release of radiation from the plant. A Wolf Creek spokesman we called said she had no information about an explosion, and that the plant remains stable. We'll have more information as it becomes available. I'm Carey Gold/Dawn Palmer, KEYN/KMBZ news.

NOTE: Controller contact lead controller before giving this message--rumor to track.

MM-34 TO: K-11a Monitoring

FROM: Radio

TIME: 11:30

MESSAGE: *This is a Drill*

From the KFDI/WDAF radio newsroom, we now have a report of a hydrogen explosion at the Wolf Creek nuclear power plant in eastern Kansas. A source close to Governor Finney has informed us that the explosion occurred about 25 minutes ago. We have no information about how extensive the damage to the plant has been, or if any radiation is leaking out. We have also been unable to contact anyone from Wolf Creek, the State of Kansas or the Nuclear Regulatory Commission. Again, there are unconfirmed reports of a hydrogen explosion at Wolf Creek nuclear plant. The plant had earlier been crippled by an earthquake, and had reported a loss of cooling water to the nuclear reactor. We are doing everything possible to reach a representative of Wolf Creek or the State to verify this information and its implications. As soon as we have that information, we'll pass it along to you. This is Buck Bodeen/Don Bishop, KFDI/WDAF radio news.

NOTE: Controller contact lead controller before giving this message--rumor to track.

MM-35 TO: Media Monitoring
FROM: Radio
TIME: 11:40
MESSAGE: *This is a Drill*

This just in to the KXLK/KBEQ news room--A General Emergency has been declared at the Wolf Creek nuclear power plant. There are conflicting reports that a hydrogen bomb or explosion has damaged the plant. Wolf Creek officials say that the most serious emergency classification, a General Emergency, has been declared and that resident within 10 miles southeast of the plant should evacuate. Details about the emergency are not available. We expect more information from our reporter at the emergency news center in Topeka within a few minutes. I'm Darrell Washington/Tanner White, KXLK/KBEQ radio news.

MM-36 TO: Media Monitoring
FROM: TV
TIME: 11:40
MESSAGE: "This is a Drill"

Announcer: From the KWCH/WDAF TV newsroom, this is a
SPECIAL REPORT: NUCLEAR CRISIS IN KANSAS

I'm Jan Chestnut/Cindy Brown in the newsroom. Wolf Creek nuclear plant has just issued a General Emergency on the Emergency Broadcast System. There are conflicting reports of just what happened at the crippled plant. We have a live report from Sam Danielson/Peter Dennings near the Wolf Creek plant.

Sam/Peter: Jan/Cindy, we're still located about two miles north of the power plant, and we can still see no evidence of a change in the plant's status. We have heard the emergency broadcast system message announcing a General Emergency. But from our vantage point, we can see no change.

Jan/Cindy: Sam/Peter, we've heard reports of a hydrogen explosion at the plant. Have you seen or heard anything that would suggest that has occurred.

Sam/Peter: No, as I said, we've seen no change at all. We've had our cameras on the plant, and we've seen and heard nothing. Apparently something has happened, however, or we couldn't be hearing the emergency announcement.

Jan/Cindy: Thank you Sam/Peter. We expect a report from our reporter at the emergency news center in Topeka within a few minutes. We'll interrupt your regular program as soon as that report is available. Again, a General Emergency, the most serious of four emergency classifications has been declared at Wolf Creek nuclear power plant. I'm Jan Chestnut/Cindy Brown, KWCH/WDAF TV news.

MM-37 TO: Media Monitoring
FROM: TV
TIME: 11:45
MESSAGE: *This is a Drill*

Graphic: Special Report

Announcer: This is a Special Report from KAKE/KMBC news.

Good morning, I'm Bob Wood/Dan Marks. Officials at Wolf Creek nuclear power plant have declared a General Emergency, the most serious of four emergency classifications, after a hydrogen explosion shook the plant. Information is sketchy at best, but it appears hydrogen developed in the plant's containment building when water leaked from the nuclear reactor, allowing the radioactive core to melt.

Radiation is apparently escaping from the plant. Residents living within 10 miles southeast of the plant are being evacuated. We have no word on just how far that deadly cloud of radiation might travel.

A Wolf Creek spokesman we talked to said he did not yet have enough information about what happened to describe the situation in detail. He did confirm that a General Emergency has been declared, this being the first time such a declaration has been made in the United States.

This accident started out this morning when an earthquake struck the plant. At first it seemed that damage was minor. Then a pipe which carried water to the reactor broke, allowing water to drain away from the plant's radioactive core. We now understand a hydrogen explosion has taken place, damaging the plant further and resulting in a release of radiation. Just how much radiation is being released, and how far it will travel, we don't yet know.

KAKE/KMBC has reporters near the crippled plant, as well as in the emergency news center in Topeka. We'll have more details as they become available.

I'm Bob Wood/Dan Marks, KAKE/KMBC news.

MM-38 TO: Media Monitoring

FROM: TV

TIME: 11:45

MESSAGE: *This is a Drill*

Graphic: BULLETIN

Good morning, I'm Jackson Hunt/Ryan Milsap, KSN/KCTV-5 news. An explosion of hydrogen gas has occurred at the Wolf Creek nuclear power plant near Burlington, Kansas, causing a release of radiation and an evacuation of residents living near the plant. Officials report that a General Emergency, the most serious of four classifications, is now in effect.

A cloud of deadly radiation is reportedly being blown by the wind to the southeast of the plant. The Wichita/Kansas City area is not affected; however, persons living within 10 miles southeast of the plant are being told to evacuate.

We now have a live report from Cynthia Tasso/Angela Patraglia who is with our mobile unit near Wolf Creek. Cynthia/Angela, what can you tell us?

Cynthia/Angela: Not much, Jackson/Ryan. We're located about two miles north, or upwind, of the plant. From here, nothing looks amiss. We did see a number of sheriff's and national guard vehicles on the way here, but there is no real activity where we are now.

Jackson/Ryan: Can you see any evidence of a radioactive release coming from the plant?

Cynthia/Angela: No. Of course, you can't see radiation, or touch it or smell it, which is what makes it so dangerous. We did try to go south of the plant on U.S. Highway 75, and that road is blocked by the Coffey County sheriff. An officer informed us that residents south and east of the plant are being evacuated to protect them from radiation.

Jackson/Ryan: Thank you, Cynthia/Angela. We'll have more on this rapidly developing situation on our noon newscast. I'm Jackson Hunt/Ryan Milsap, KSN/KCTV-5 news.

MM-39 TO: Media Monitoring
FROM: Radio
TIME: 11:55
MESSAGE: *This is a Drill*

First with news, this is KXLK/KBEQ. I'm Darrell Washington/Tanner White. A disaster of unprecedented proportions is developing in eastern Kansas. The Wolf Creek nuclear power plant, damaged by an earthquake earlier this morning, has exploded and is spewing deadly radioactive material into the air.

Residents of southern Coffey County are being evacuated. The radioactive cloud is traveling with the wind southeast from the plant, toward Iola, Chanute and Pittsburg. According to emergency response officials, most of the radiation will settle to the ground within 10 miles of the crippled reactor.

We'll have more news after these messages.

MM-40 TO: Media Monitoring
FROM: 12:00
TIME: Radio
MESSAGE: *This is a Drill*

From the KFDI/KSHE newsroom, I'm Buck Bodeen/Don Bishop. Today's top story--a General Emergency has been declared at Wolf Creek nuclear plant 60 miles south of Topeka. Officials report that radiation is being released, and that residents living southeast of the plant should evacuate.

The radiation release began about an hour ago when the massive containment building which houses the reactor was ruptured by a hydrogen gas explosion. We have no information on the number of casualties.

Emergency workers report that the evacuation of Coffey County residents is going smoothly. It is not yet known when--or if--residents will be allowed to return to their homes.

MM-41 TO: Media Monitoring
FROM: TV
TIME: 12:00
MESSAGE: *This is a Drill*

Announcer: From the KAKE TV/KMBC TV newscenter, this is noonday news with Bob Wood/Dan Marks.

Wood/Marks: A chilling series of events has taken place in eastern Kansas today. I'm Bob Wood/Dan Marks. It began with a moderate intensity earthquake, and has turned into a nuclear nightmare. The Wolf Creek nuclear power plant, located 60 miles south of Topeka, has been damaged by an earthquake which hit eastern Kansas about 8:00 this morning. The plant is now in a General Emergency, the most serious of four emergency classifications, and radioactivity is being released from the plant. Here with a live report is Davis Hutton/Miles Falcon from the emergency news center in Topeka. What can you tell us, Davis/Miles?

Davis/Miles: Bob/Dan, we've just heard a little more information from representatives of the State, Coffey County and Wolf Creek operating corporation. First of all, there was not an explosion at Wolf Creek as has been previously reported. There was a build-up of hydrogen gas in the plant, and that hydrogen ignited in a brief burst or flash, called a "hydrogen burn." We're told that this is less violent than an explosion. This "hydrogen burn" did open a pathway for radiation to leak out of the plant. Officials are now trying to determine exactly where in the reactor building the leak is located, and how it can be sealed. However, even if the building is not sealed, the release of radiation is expected to slow and virtually stop as the pressure inside the reactor building decreases. Wolf Creek's technicians have restored the flow of cooling water to the reactor, which is an important step getting control of the plant.

Bob/Dan: Davis/Miles, just how much radiation has been released, and who might be affected by it?

Davis/Miles: Officials here say they don't have exact measurements of radiation right now. The material will go with the air currents, so people downwind or southeast of the plant are being evacuated. That evacuation goes out to 10 miles from the plant.

Bob/Dan: Thank you, Davis/Miles. We'll have more after these messages.

MM-42 TO: Media Monitoring
FROM: TV
TIME: 12:00
MESSAGE: *This is a Drill*

Good afternoon, I'm Jackson Hunt/Ryan Milsap with KSN/KCTV-5 news at noon. Will it be another Chernobyl right here in Kansas? That's what many people are asking as Wolf Creek nuclear power plant in eastern Kansas is in a General Emergency situation at this hour.

Officials say the plant is releasing radioactive material after it was damaged by an earthquake and a series of equipment failures this morning. Residents living within 10 miles to the southeast of the plant are being evacuated.

KSN's/KCTV-5's Cynthia Tasso/Angelia Patragilia are on the scene near Wolf Creek. Let's go to them--Cynthia/Angelia, what can you see from the plant?

Cynthia/Angelia: Jackson/Ryan, we don't see anything unusual--the plant looks just it has always looked. Since you can't see or feel radiation, we can't tell if anything is being released or not. It is strange...

<Pause--black screen, no picture or sound for 10 seconds>

I'm told we've just lost the video signal from our mobile unit. We'll restore that as soon as possible. Again, the State of Kansas has ordered persons living within 10 miles southeast of Wolf Creek to evacuate. This does not include the city of Burlington.

Let's go back to Cynthia Tasso/Angelia Patragilia near Wolf Creek--are you there Cynthia/Angelia.

Yes, Jackson/Ryan. We had a momentary problem with our satellite transmitter, but we're back now. I was saying that it's strange that there are no real signs of problems at the plant. It looks normal, but apparently there are some major problems we just can't see.

Thank you, Cynthia/Angelia. To recap, Wolf Creek is in a General Emergency, the most serious of four emergency levels. A release of radiation is in progress, and the radiation is being blown by the wind toward the southeast. Residents who live within 10 miles southeast of Wolf Creek are being evacuated.

MM-43 TO: Media Monitoring
FROM: TV
TIME: 12:00
MESSAGE: ***This is a Drill***

Hello, I'm Jan Chestnut/Cindy Brown with KWCH/WDAF TV news at noon. The day's top story centers on Wolf Creek nuclear power plant near Burlington, Kansas. Radiation is pouring out of the plant at this hour as the result of damage from an earthquake and a subsequent hydrogen explosion at the plant this morning. Here with more information is Jeff Gilmore/Ian Collins at the Wolf Creek emergency news center in Topeka.

Jeff/Ian: Wolf Creek officials say they are still trying to figure out just exactly what happened and how to stop the radiation release from Wolf Creek. It appears that some seals which keep the reactor building air-tight have been ruptured by what officials here call a "hydrogen burn." The result is a release of radiation that is being carried by the wind to the southeast of the plant. Officials say the most danger from this radiation will be within 10 miles of the plant. However, as the wind carries the deadly radioactive particles, we may see more protective measures ordered even beyond that 10 mile area. I'm Jeff Gilmore/Ian Collins, reporting from the Media Release Center in Topeka.

MM-44 TO: Media Monitoring
FROM: Radio
TIME: 12:15
MESSAGE: ***This is a Drill***

This just in to the KEYN/KMBZ news room. The Associated Press is reporting that more than 100 Coffey County residents have died as a result of the disaster at Wolf Creek this morning. According to the AP wire story, these casualties are residents of the town of Aliceville, Kansas, a small community southeast of the Wolf Creek plant. We have been unable to confirm this with Wolf Creek or Coffey County officials. Again, the Associated Press is reporting that at least 100 people have died from radiation being released by the crippled Wolf Creek plant. I'm Carey Gold/Dawn Palmer, KEYN/KMBZ radio news.

Note: Controller contact lead controller prior to giving this message--rumor to track.

MM-45 TO: Media Monitoring
FROM: TV
TIME: 12:20
MESSAGE: *This is a Drill*

Announcer: This is a Special Report from CBS news in New York.

Good afternoon, I'm Cecilia Castle. The Associated Press reports that as many as 100 people may have been killed as the result of an earthquake and explosion at the Wolf Creek nuclear power plant in Kansas. AP reports sources on the scene as saying that a deadly cloud of radiation overwhelmed residents of the small Kansas community of Aliceville before they could escape. Emergency workers for the State of Kansas say they have no knowledge of any casualties, but that radiation is being released from the plant and an evacuation is in progress. I'm Cecilia Castle, CBS news.

Note: Controller contact lead controller prior to giving this message--rumor to track.

MM-46 TO: Media Monitoring

FROM: TV

TIME: 12:25

MESSAGE: *This is a Drill*

Graphic: BULLETIN

I'm NBC news correspondent Sandy Dungan, with a special report. The Associated Press is reporting that more than 100 people have been killed by a radioactive cloud released from the Wolf Creek nuclear power plant in Kansas. AP quotes eyewitnesses as saying a deadly radioactive cloud enveloped the small community of Aliceville, Kansas, killing virtually all its 100 residents.

The radioactive disaster began this morning when an earthquake measuring nearly 5 on the Richter scale struck central Kansas. The Wolf Creek nuclear plant later reported a number of equipment failures and a hydrogen explosion, which caused a release of radiation from the plant.

Emergency officials in Kansas now say the radiation is moving southeast, but that most of its harmful effects will be limited to an area within 10 miles of the crippled plant.

We'll interrupt your regular program as more information on this developing disaster becomes available.

Note: Controller contact lead controller prior to giving this message--rumor to track.

MM-47 TO: Media Monitoring
FROM: Radio
TIME: 12:30
MESSAGE: "This is a Drill"

This is Buck Bodeen/Don Bishop in the KFDI/WDAF radio newsroom. The Associated Press has reported that nearly 100 people have been killed by the deadly radioactive release from Wolf Creek nuclear plant. According to sources on the scene, the casualties are all residents of the small community of Aliceville, who were unable to escape the radioactive cloud. Wolf Creek officials we talked to said they had no reports of any casualties from the accident. We're currently trying to contact other officials who can confirm or deny this report. Again, the Associated Press is reporting that nearly 100 people have been killed by the release of radiation from Wolf Creek nuclear power plant. I'm Buck Bodeen/Don Bishop, KFDI/WDAF radio news.

Note: Controller contact lead controller prior to giving this message--rumor to track.

MM-48 TO: Media Monitoring
FROM: Radio
TIME: 12:35
MESSAGE: "This is a Drill"

From the KXLK/KBEQ newsroom, I'm Darrell Washington/Tanner White. More than 100 residents of the small community of Aliceville, Kansas have been killed from deadly radiation being released by Wolf Creek nuclear power plant. The Associated Press quotes sources on the scene as saying that the residents simply couldn't get away fast enough, and were overwhelmed by the deadly radioactive cloud. Wolf Creek was damaged earlier this morning by an earthquake centered in Coffey County. A number of subsequent equipment failures and a hydrogen explosion caused the nuke plant to begin its deadly release. Wolf Creek is located about 60 miles south of Topeka. Officials say the radiation is travelling with the wind in a southeasterly direction, and that the biggest impact will be upon people living within 10 miles of the beleaguered plant. I'm Darrell Washington/Tanner White, KXLK/KBEQ radio news.

Note: Controller contact lead controller prior to giving this message--rumor to track.

MM-49 TO: Media Monitoring

FROM: TV

TIME: 12:45

MESSAGE: "This is a Drill"

<Graphic: NEWS BULLETIN>

Announcer: From ABC news in New York, this is a special bulletin.

Good afternoon, I'm Diana McFall. A tragic nuclear power disaster is unfolding today on the plains of Kansas. A radioactive cloud has been released from the Wolf Creek nuclear plant, following major damage resulting from an earthquake earlier this morning. There are unconfirmed reports that as many as 100 people may have been exposed to radiation. The plant has declared a General Emergency, the most serious of four emergency classifications. Emergency workers are evacuating residents living within 10 miles of the crippled plant. ABC news will have a special report on ABC evening news tonight. "Nuclear Power, Nuclear Death--a Kansas Tragedy" will examine the cause of today's accident, and its implications for an already controversial nuclear industry. I'm Diana McFall, ABC news.

MM-50 TO: Media Monitoring

FROM: TV

TIME: 12:55

MESSAGE: "This is a Drill"

Hello, I'm Jan Chestnut/Cindy Brown, KWCH/WDAF TV news with an afternoon update. Officials from the State of Kansas, Coffey County and Wolf Creek Nuclear Operating Corporation say there have been no casualties from today's disaster at Wolf Creek nuclear plant. Officials say the release of radioactivity has been slowed or stopped, and that the evacuation of residents downwind of the plant went smoothly and without incident. Emergency officials labeled "absolutely false" an earlier Associated Press report of more than 100 deaths from the release of radiation. Nonetheless, officials say that effects of the accident will be devastating. We'll have more news after these messages.

MM-51 TO: Media Monitoring

FROM: TV

TIME: 12:55

MESSAGE: *This is a Drill*

Graphic: Special Report

Announcer: This is a Special Report from the KSN/KCTV-5 newsroom.

Good afternoon, I'm Jackson Hunt/Ryan Milsap with an update on the disaster at Wolf Creek nuclear plant in eastern Kansas. Let's first go live to Davis Hulton/Miles Falcon in the emergency news center in Topeka. Davis/Miles, what have you learned?

Davis/Miles: Jackson/Ryan, officials here categorically deny an earlier Associate Press report that more than 100 people were killed by radiation released from Wolf Creek. Instead, they say that evacuation of residents near the plant was completed prior to any release of radiation, and it went smoothly. All residents in the evacuated area have been accounted for, and no one has been injured or contaminated. They say this was a severe accident, and that it may take years to clean up if it is ever cleaned up. But reports of deaths at this time appear to be unfounded.

Jackson/Ryan: Davis/Miles, what is the current status of the plant.

Davis/Miles: Officials say the release of radiation has virtually stopped, and cooling has been restored to the plant's reactor, which is very good news. It appears the worst may be over.

Jackson/Ryan: Thank you, Davis/Miles. Problems at Wolf Creek began this morning about 8 a.m. when an earthquake measuring 4.5 on the Richter scale hit Coffey County. It first appeared the nuclear plant had survived unscathed, but about 9:30 a water pipe carrying cooling water to the reactor broke. Several other plant systems subsequently failed, leading to a buildup of hydrogen gas inside the building which houses Wolf Creek's reactor. That hydrogen ignited about 11 a.m., causing a release of radiation to the environment.

KSN/KCTV-5 will be keeping a close watch on developments this afternoon. We'll break into regular programming for updates as needed. I'm Jackson Hunt/Ryan Milsap, KSN/KCTV-5 news.

MM-52 TO: Media Monitoring
FROM: TV
TIME: 1:00
MESSAGE: *This is a Drill*

Good afternoon, I'm Bob Wood/Dan Marks, KAKE/KMBC news. Officials of Wolf Creek nuclear power plant say they have stopped the release of radiation from the plant which began at about 11 o'clock this morning. According to a Wolf Creek spokesman, there have been no known cases of radiation exposure or injury to members of the public. He said that earlier Associated Press reports of more than 100 dead were, quote, "absolutely untrue."

Although the worst appears to be over, Coffey County residents are now asking if they can ever feel safe in their homes again. And after today, not even the promoters of nuclear power may have the answer to that question. I'm Bob Wood/Dan Marks, KAKE/KMBC news.

MM-53 TO: Media Monitoring
FROM: Radio
TIME: 1:15
MESSAGE: *This is a Drill*

This is Darrell Washington/Tanner White in the KXLK/KBEQ newsroom with an update on the Wolf Creek nuclear disaster. Emergency officials from the State of Kansas now say there is no truth to an earlier report that more than 100 people were killed by radiation released by Wolf Creek this morning. A spokesman for the State says that all residents of the affected area have been safely evacuated and accounted for, and there are no reported injuries. The release of radiation from Wolf Creek has reportedly stopped, and the plant is now under control. I'm Darrell Washington/Tanner White, KXLK/KBEQ radio news.

MM-54 TO: Media Monitoring
FROM: Radio
TIME: 1:15
MESSAGE: "This is a Drill"

This just in to the KMWU/KCUR newsroom--The worst may be over in Coffey County, in the aftermath of this country's worst nuclear power accident. Officials say they have stopped the release of radiation from Wolf Creek nuclear power plant. They also discount as 'entirely false' earlier reports of 100 deaths related to the deadly radioactive cloud which spewed out of the plant. Sources with the State of Kansas tell KMWU/KCUR that there are no known deaths or injuries associated with the accident. Stay tuned to KMWU/KCUR for 'All Things Considered' at the top of the hour, where we'll discuss the details of today's nuclear disaster. I'm Stan Baxter/Riley Mock, KMWU/KCUR news.

MM-55 TO: Media Monitoring
FROM: TV
TIME: 1:30
MESSAGE: *This is a Drill*

Announcer: This is an ABC News Special Report with Diana McFall.

Diana: Good Afternoon. The worst nuclear disaster in U.S. history may have claimed the lives of more than 100 people today. The Wolf Creek nuclear power plant in eastern Kansas was rocked by an earthquake early this morning. Several hours later, water began leaking from the reactor, forming an explosive mixture of hydrogen gas in the building which houses the reactor. That mixture exploded about noon eastern time, causing a deadly release of radiation to the air. We have a special report from correspondent Bob Wood, with KAKE TV in Wichita, Kansas. Bob, is the plant still releasing radiation.

Bob: No, Diana, plant and State of Kansas officials tell us the radioactive release has been stopped. We're also told that earlier reports of more than 100 deaths attributed to the accident are not correct. According to officials here, there have been no deaths resulting from the accident. There has, however, been a substantial release of radiation. State and Federal Emergency Management Agency officials say the radioactive cloud travelled southeast from the plant, and has deposited radioactive material over at least a 40 to 60 mile area.

Diana: Thank you Bob. We also have Winston Fontaine, spokesman for the Nuclear Regulatory Commission, in our Washington studio. Mr. Fontaine, is the NRC planning to close down other nuclear plants in response to this tragedy, particularly plants in more earthquake-prone areas?

Fontaine: Not at this time, Diana. We have teams en route to Wolf Creek to help determine exactly what happened there today. We should know within a few days whether there is a need to close other plants. Right now, there isn't a clear reason to shut down all the other plants because of this situation at Wolf Creek.

Diana: Thank you, Mr. Fontaine. We'll have a special Nightline this evening examining the causes and the results of this nuclear tragedy. Be sure to tune in. I'm Diana McFall, ABC News.

MM-56 TO: Media Monitoring
FROM: Radio
TIME: 1:30
MESSAGE: *This is a Drill*

From the KFDI/WDAF newsroom, I'm Buck Bodeen/Don Bishop. With the Wolf Creek nuclear plant disaster only a few hours old, already questions are being asked about how such an accident could have occurred. Raymond Eyeson, an activist with the consumer group Nuclear Alert Network, says he has documents which show Wolf Creek's systems may not have met strict design requirements.

Eyeson: We have obtained documents from Wolf Creek's Quality First program that indicate some pipe welds were not up to standard. This may be the reason those welds didn't hold during the earthquake, allowing the pipe to break and cause the meltdown.

Eyeson said his organization would provide the Quality First documents to the Kansas Corporation Commission for review.

Controller: Contact lead controller- rumor to track.

MM-57 TO: Media Monitoring
FROM: TV
TIME: 1:30
MESSAGE: *This is a Drill*

This is a news update from CBS news. Good afternoon, I'm Terrance Blake. Kansas residents are recovering from a morning of fear and uncertainty, in the wake of a major nuclear power disaster at the Wolf Creek nuclear power plant in eastern Kansas. The nuclear plant began spewing radiation into the air late this morning, after an earthquake registering nearly 5 on the Richter scale rocked the area. Officials now say the radioactive release has been stopped. Some 1200 people have been evacuated from their homes, and radioactive fallout is reported to have spread over a 40-mile area of southeastern Kansas. Join CBS evening news tonight for a complete rundown of this nuclear disaster. I'm Terrance Blake, CBS news.

MM-58 TO: Media Monitoring
FROM: TV
TIME: 1:45
MESSAGE: *This is a Drill*

From the KAKE/KMBC newsroom, this is an afternoon update on the Wolf Creek nuclear plant disaster. I'm Bob Wood/Dan Marks. The radioactive release has been stopped, but officials can't yet say how long it will take before nearly 1300 Coffey County residents can return to their homes. The residents were evacuated to protect them from a deadly cloud of radiation which spewed from the plant late this morning. Wolf Creek officials say they don't yet know whether the radioactive release was caused directly by an earthquake which shook the plant earlier this morning. Although the disaster will not endanger the Wichita/Kansas City area, we may feel its indirect effects in the form of electrical blackouts or brownouts. Lyle Koerper/David Martin, spokesman for KG&E/KCPL told us that without Wolf Creek, the utility is having difficulty meeting customer's demand for power. KG&E/KCPL customers are asked to turn up their thermostats and reduce electrical usage as much as possible, particularly during the daytime hours. We'll have a complete look at Wolf Creek disaster on the evening news. I'm Bob Wood/Dan Marks, KAKE/KMBC news.

MM-59 TO: Media Monitoring
FROM: TV
TIME: 1:45
MESSAGE: *This is a Drill*

Announcer: From the KWCH/WDAF TV newsroom, this is a Special Report.

Good afternoon, I'm Jan Chestnut/Cindy Brown. More than a thousand Coffey County residents are homeless but safe this afternoon, after fleeing from the nation's worst-ever nuclear power disaster. A one-hour burst of radioactive material from the Wolf Creek nuclear power plant led to evacuation of all residents within a 10 mile area southeast of the crippled reactor. State emergency workers now tell us that all residents in the area have been accounted for, and there are no reports of injuries or fatalities.

Wolf Creek's woes began ~~today~~ today when an earthquake shook the Coffey County area. At first it appeared there would be little damage to the plant. Then a pipe carrying essential cooling water to the plant's nuclear reactor broke, causing the fuel to overheat and melt. The melting fuel produced hydrogen gas, which ignited and caused radioactive material to be thrown into the atmosphere. Wolf Creek workers have stopped the radioactive release, but officials tell us as much as 100 square miles of southeastern Kansas might have been contaminated.

We'll have more on this story, including interviews with evacuated Coffey County residents and a live report from near the crippled reactor, on the evening news. I'm Jan Chestnut/Cindy Brown, KWCH/WDAF TV news.

MM-60 TO: Media Monitoring
FROM: TV
TIME: 1:50

MESSAGE: "This is a Drill"

Good afternoon, I'm Jackson Hunt/Ryan Milsap in the KSN/KCTV-5 newsroom. Thousands of Coffey County residents are homeless today after a radioactive release from Wolf Creek nuclear power plant sent them fleeing from their homes. The disaster occurred after the largest earthquake in Kansas history struck Coffey County this morning.

Although the nuclear plant was designed to survive earthquakes like the one today, something went wrong. Water poured out of the plant's nuclear reactor, causing the intensely radioactive fuel to melt. The meltdown formed hydrogen gas, which ignited inside the reactor, causing radioactive material to escape into the environment.

State of Kansas emergency officials say that Coffey County residents downwind of the plant were evacuated before the radioactive release occurred, and that no one has been injured or contaminated.

Nuclear Regulatory Commission spokesman Marion Webster said that an NRC crisis team is on its way to Wolf Creek, and a full investigation of the disaster will begin immediately.

Stay tuned to KSN/KCTV-5 for more news about the Wolf Creek disaster. I'm Jackson Hunt/Ryan Milsap, KSN/KCTV-5 news.

PUBLIC CONCERN MESSAGES

PC-1 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 8:30
 MESSAGE: "This is a drill"

This is Amy Winters. I live in New Strawn, and just felt an enormous jolt! My whole house moved. What's happening at the plant? Did Wolf Creek blow up?

PC-2 TO: Public Concern Phone Team
 FROM: Reporter
 TIME: 8:33
 MESSAGE: "This is a drill"

Hello, this is Jay Jacobson with WIBW-AM. We've heard that an earthquake struck Wolf Creek. How big is the fissure left in the earth? What did the plant destroy, and how much radiation got out? I was told at a media briefing years ago that the plant was seismically stable. How does your management answer to this catastrophe?

PC-3 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 8:36
 MESSAGE: "This is a drill"

This is Herman Anderson. I live just north of Wolf Creek and felt a big quake. Should I leave the area before the plant blows or after? I'm ninety-seven years old and it will take me awhile to get ready. I sent in a special needs card asking for help. When will help get here?. Do I need to do anything to protect myself?

PC-4 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 08:38
 MESSAGE: *This is a drill*

This is John Saunders of Garnett. Is Wolf Creek still putting out electricity? I heard there was an earthquake over there and I'm concerned about a run away reactor. Where are you located? How can you know anything if you're not at the plant?

PC-5 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 8:42
 MESSAGE: *This is a drill*

This is Ester Hayes in New Strawn. I've always known that Wolf Creek was putting too much stress on the land and now with all these jolts we're all in trouble. Are you going to tell me what's going on at the plant? I don't believe that guy on KSNP talking about an earthquake.

PC-6 TO: Public Concern Phone Team
 FROM: Reporter
 TIME: 8:44
 MESSAGE: *This is a drill*

Joe Standish here, Eagle-Beacon City desk. How does a nuclear plant respond to an earthquake? Are the workers still at the plant? Are they in danger? We're sending a reporter out right now to cover the story. Will management be available for an interview?

PC-7 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 8:46
 MESSAGE: *This is a drill*

I don't want to give my name, but I think the dam is leaking. I was heading just east of Burlington and saw a lot of water coming from the direction of the dam. Are you evacuating Burlington?

NOTE: Contact Lead Controller prior to giving this message -- rumor to track.

PC-8 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 8:48
 MESSAGE: *This is a drill*

My name is Andrew Scheck and I'm with Allstate insurance. Do you know if Wolf Creek has earthquake insurance? I've heard that there was extensive damage to the buildings? We might be able to help you out.

PC-9 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 8:52
 MESSAGE: *This is a drill*

Tyler Lawrence here. I'm leaving the Coffey County area, but I want to keep track of what is going on. Do you know any EBS stations in the Wichita area? Are they covering the disaster at the plant? Did the earthquake cause any deaths at the plant? Do you have any new information that I should know about before I leave?

PC-10 TO: Public Concern Phone Team
FROM: Citizen
TIME: 8:56
MESSAGE: *This is a drill*

Hello, this is Judy Patterson and I was just driving over the Neosho River and it is really full. That water must be coming from the Wolf Creek lake. The dam must be broke. What should we do? Does the Highway Patrol know or should I call them?

NOTE: Contact Lead Controller prior to giving this message --
rumor to track.

PC-11 TO: Public Concern Phone Team
FROM: Citizen
TIME: 9:00
MESSAGE: *This is a drill*

Hi. I was fishing at John Redmond this morning and heard about an earthquake on the radio. Did the plant cause the quake? I can see a crack in the dome from U.S 75. Is it going to bust open and spew radiation everywhere again? (If asked for your name: Tyler Harrison of New Strawn)

NOTE: Contact Lead Controller prior to giving this message --
rumor to track.

PC-12 TO: Public Concern Phone Team
FROM: Citizen
TIME: 9:04
MESSAGE: *This is a drill*

This is Ester Hayes again in New Strawn. I found my Emergency Planning Booklet but it's dated 1988. Is it still good? Do you handle earthquakes too or is this really a plant accident? What do all the colored boxes mean on this map? My eyesight isn't so good. Where should I go when I leave?

PC-13 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 9:06
 MESSAGE: *This is a drill*

My name is Jim Hayes and I live in Kansas City. I'm trying to find out about my mother, Ester Hayes, in New Strawn. She's eighty years old and now that the plant has been destroyed by an earthquake I had better go get her. What is the safest way to get to New Strawn? Is KG&E going to pay for all the residential damage caused by the accident?

PC-14 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 9:10
 MESSAGE: *This is a drill*

Hello, I'm concerned about the crack in the big building across the lake. I live in New Strawn and can see something on the side of the dome that looks like a crack. Did the earthquake cause that? I was told by a tour guide that Wolf Creek could handle a really big quake. Won't the cracks in the dam cause a meltdown?

NOTE: Contact Lead Controller prior to giving this message -- rumor to track.

PC-15 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 9:10
 MESSAGE: *This is a drill*

This is Andrew Schmidt of Burlington. I've got my cattle grazing on some Wolf Creek property. How can I get them out and back to my farm? Are employees still at the plant after all the commotion earlier? I can't get through to the Wolf Creek Operator and need to reach the Environmental Management department ASAP.

PC-16 TO: Public Concern Phone Team
FROM: Citizen
TIME: 9:14
MESSAGE: "This is a drill"

This is Elliott Belinn. My daughter Jennifer works at the plant. We heard a big quake hit that area this morning and want to be sure she is OK. Can you tell us anything? How is the plant? Is there any radioactivity involved?

PC-17 TO: Public Concern Phone Team
FROM: Citizen
TIME: 9:18
MESSAGE: "This is a drill"

This is Roberta Miles with Wichita State University. My chemistry class was scheduled for a tour this afternoon at the plant. Are you still giving tours? How can I contact Ronn Smith with Corporate Communications to reschedule? Would an earthquake really cause a lot of problems for the plant?

PC-18 TO: Public Concern Phone Team
FROM: Citizen
TIME: 9:22
MESSAGE: "This is a drill"

This is Harold Brown in Burlington and I'm worried about fires. I'm a volunteer fireman. Do you need any extra help putting out the fires caused by the earthquake? I know you have some firemen at the plant already, but who responds for a really big blaze?

NOTE: Contact Lead Controller prior to giving this message -- rumor to track.

PC-19 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 9:26
 MESSAGE: "This is a drill"

Hello, this is Marcia Borter of Waverly. My husband works at Wolf Creek. He is an engineer. How can I find out if he is all right? The radio isn't giving information on employees and I'm getting really worried. I have a Wolf Creek sticker on my car. Can I go to the plant and find him?

PC-20 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 9:30
 MESSAGE: "This is a drill"

Hello, I'm Don Sellers in LeRoy. I'm calling long distance so don't put me on hold. I live close to the plant and have heard that something is wrong out there. I've heard about an Alert? What does that mean and why haven't we been notified? Will the police come through town and inform us to leave, and what about the people in the country?

PC-21 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 9:34
 MESSAGE: "This is a drill"

I'm so glad I got through to you! I've been trying for the past hour but the line is always busy. Was that an explosion or an earthquake? We don't have earthquakes in Kansas! I want Wolf Creek to pay for any damage to my house. I just poured a concrete patio and have heard that concrete will crack under stress. We had quite a jolt this morning and I want to be reimbursed for any damages caused by the plant explosion.

PC-22 TO: Public Concern Phone Team
FROM: Citizen
TIME: 9:38
MESSAGE: "This is a drill"

This is Duane Gifford of Burlington. Have you heard anything about the dam breaking? There's a lot of water in the Neosho River. I think it came from Wolf Creek. Was an Alert declared because of radiation? Is the water radioactive now? What about the fish? How do you get radioactivity out of a lake or river?

NOTE: Contact Lead Controller prior to giving this message -- rumor to track.

PC-23 TO: Public Concern Phone Team
FROM: Citizen
TIME: 9:42
MESSAGE: "This is a drill"

Yes, this is Julie Hamilton. I live about five miles east of Wolf Creek. I'm a nurse and might be able to give you some help with the wounded. How many are there? Do you have a doctor or nurse already there to help? Who do I call to find out if I should go to the plant to give assistance?

NOTE: Contact Lead Controller prior to giving this message -- rumor to track.

PC-24 TO: Public Concern Phone Team
FROM: Citizen
TIME: 9:44
MESSAGE: "This is a drill"

This is Sally Thomson in Burlington. I heard a siren about fifteen minutes ago. Is that another earthquake? Will the plant blow up if it is shaken too hard? My children are still at school after the first one, but if there's going to be another quake I want to go get them. What does an earthquake siren sound like?

PC-25 TO: Public Concern Phone Team
FROM: Citizen
TIME: 9:48
MESSAGE: "This is a drill"

Hey! I see smoke coming from the plant! What's going on out there? I can see smoke all the way from U.S. 75. It must be a huge fire and the sirens went off at John Redmond Reservoir. What do they mean? Is radiation coming out in the smoke? I'm getting out of here fast and telling my neighbors to go too.

NOTE: Contact Lead Controller prior to giving this message -- rumor to track.

PC-26 TO: Public Concern Phone Team
FROM: Citizen
TIME: 9:52
MESSAGE: "This is a drill"

This is Hayden Caufield in LeRoy. What does that siren mean? I live in the country and don't have a radio or TV. Did the earthquake cause the plant to explode? What sort of emergency is going on at the plant? Should I go get my son off the tractor? Where in town do we report?

PC-27 TO: Public Concern Phone Team
FROM: Citizen
TIME: 9:56
MESSAGE: "This is a drill"

Listen, there's a lot of smoke or steam like stuff spewing out of the plant. It's not steam off the lake. I know what that looks like - this is different. I'm getting worried about my brother. He works at the plant. Will you let him go home or are the employees fighting the fire? What exactly did that siren that went off in New Strawn mean?

NOTE: Contact Lead Controller prior to giving this message -- rumor to track.

PC-28 TO: Public Concern Phone Team
FROM: Citizen
TIME: 10:00
MESSAGE: *This is a drill*

KSNP is reporting a problem at Wolf Creek! I live in Sharpe and heard the sirens. What is a fission product barrier and how many do you have? I've heard that the reactor is melting. What is it made of and how big is it? What is going on at the plant now? What radio stations are giving information? Can I go and drive by the main gate to take pictures?

PC-29 TO: Public Concern Phone Team
FROM: Citizen
TIME: 10:04
MESSAGE: *This is a drill*

Hello, this is Dale Simon. I live in New Strawn and heard the sirens. What's going on? I'm a night employee at the plant. Should I go into work tonight? How serious is the accident? When did the reactor trip? When will you know more information? Should I call you back or call out to the plant? Have all the employees been evacuated?

NOTE: Contact Lead Controller prior to giving this message -- rumor to track.

PC-30 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 10:08
 MESSAGE: "This is a drill"

The is Leon Deweese and I just left Hoover's Thriftway in Burlington and drove north on U.S. 75 past the plant. There was smoke coming out of a crack on the side of the dome. Did I get irradiated as I drove by? What will the radiation do to the paint on my car or the food in my car? I'm home now in Lebo. Am I safe here or should I go farther away?

NOTE: Contact Lead Controller prior to giving this message --
 rumor to track.

PC-31 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 10:12
 MESSAGE: "This is a drill"

The is Amanda Hunsacker in New Strawn. We saw smoke coming from the plant and wondered if the sirens were for a fire or for something more serious? What's going on in the reactor? I know how the plant works and am worried about the five steam generators exploding. Is that happening now and how will it effect me?

NOTE: Contact Lead Controller prior to giving this message --
 rumor to track.

PC-32 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 10:14
 MESSAGE: "This is a drill"

This is Jerry Ewing and I live in Burlington. I can't make heads or tails of this multi-colored map. Where am I supposed to go when that siren sounds? Can I get my children out of school first or will they be bussed out? What caused the siren to go off in the first place? I thought Wolf Creek could withstand an earthquake?

PC-33 TO: Public Concern Phone Team
FROM: Citizen
TIME: 10:18
MESSAGE: *This is a drill*

This is Tonya Newcastle in Sharpe. I want to know what a Sice Area Emergency means. I have three children in school today. What will they be told to do? Should I go and pick them up or will the school buses bring them home? Are roadblocks set up and how long will the emergency last? What happened the last time you had an emergency like this one?

PC-34 TO: Public Concern Phone Team
FROM: Citizen
TIME: 10:22
MESSAGE: *This is a drill*

Hello, this is Margie Dunn. I live in Wichita and am concerned about using my electric appliances. If radiation is spewing out of Wolf Creek, will it come through the lines and into my home? Are my rates going to rise because of this?

PC-35 TO: Public Concern Phone Team
FROM: Citizen
TIME: 10:26
MESSAGE: *This is a drill*

Are you the people who give out information on Wolf Creek? Is it really true that there has been a fire and that the earthquake broke the dam? I live in Burlington and heard the sirens, but thought it was a tornado. Should I stay in my basement for this kind of emergency too? What is the County Emergency Preparedness office telling people to do?

NOTE: Contact Lead Controller prior to giving this message --
rumor to track.

PC-36 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 10:30
 MESSAGE: "This is a drill"

This is George Schultz and I just heard on the radio that Wolf Creek had an accident. What does a Site Area Emergency mean? Your emergency book says that small radioactive particles could be released. I want to know if you're releasing anything or not? What should I do about my garden? Will everything be ruined?

PC-37 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 10:34
 MESSAGE: "This is a drill"

This is Jim Harrison. I live in Gridley, but my wife works in Burlington. Will she be able to get home? Do you know if the roads are blocked off? How long does a Site Area Emergency last? Could it get worse? Did the earthquake cause the accident?

PC-38 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 10:38
 MESSAGE: "This is a drill"

This is Betty Osborne from Burlington. I work at C&A Foods in downtown Burlington and heard the sirens and the radio announcements. What's going on at the plant? Are the workers getting sick? Do you know if they will be coming home on time as usual? I'm worried about my boyfriend. He's a health physics technician. Do you think he'll be OK?

PC-39 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 10:42
 MESSAGE: "This is a drill"

Hi, I'm Jerry Rawlings, and my daughter Teresa works at the plant. Can you tell me if she has been sent home? I can't get through to the plant. Will the plant be permanently shut down?

PC-40 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 10:46
 MESSAGE: "This is a drill"

Hello, this is Jim Slattery. I was fishing on John Redmond Reservoir this morning. Are the fish OK to eat? Why did we have to evacuate the lake? I saw some smoke over the dome as I drove away. Was there a big fire or explosion? Is this like Chernobyl?

PC-41 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 10:50
 MESSAGE: "This is a drill"

Hi, this is Samantha Stice. I'm a waitress at Kathy's Restaurant here at BETO Junction. We've been getting a lot of truckers asking if they can drive down U.S. 75 to get to Yates Center. Do you know if the roads are open. What is the best way for them to get to Yates Center?

PC-42 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 10:54
 MESSAGE: *This is a drill*

HL. Listen, my wife is pregnant, so I want you to tell me the truth. Should we evacuate Burlington now, before the accident gets worse? Are we all going to get sick later from the air we're breathing? I don't want anything to happen to my wife and I know there are radiation limits for pregnant women.

PC-43 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 10:58
 MESSAGE: *This is a drill*

This is Luella Masters and my husband Brian is an electrical engineer in NPE. I'm really concerned about him. He usually calls me every day at 10:00. I haven't heard from him and with all the sirens going off I want to talk to him. Can you get a hold of him for me? Should I go to the plant and ask the people there?

PC-44 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 11:00
 MESSAGE: *This is a drill*

This is Lois Nelson in Waverly. I'm supposed to pick up my grandchildren from school in Burlington. Have they been moved due to the accident? Should I still go to Burlington or is it unsafe? I have to go on the site access road to get to U.S. 75. Are the roads still clear?

PC-45 TO: Public Concern Phone Team
FROM: Citizen
TIME: 11:04
MESSAGE: *This is a drill*

This is Bill Winters in Lebo. I just heard on the radio that Wolf Creek was having a terrible accident. Is this true? How many people have died? How long do you think the accident will last? Is the radio the best way to keep track of the situation? Can I believe what you're telling me?

PC-46 TO: Public Concern Phone Team
FROM: Citizen
TIME: 11:08
MESSAGE: *This is a drill*

I live ten miles east of Wolf Creek and I've heard that if the wind is blowing my way I'll be killed. It looks like the wind might turn towards my house. Where are you telling people to go? Is it too late to save my pets?

PC-47 TO: Public Concern Phone Team
FROM: Citizen
TIME: 11:12
MESSAGE: *This is a drill*

Hi. This whole situation really makes me mad! I just put my whole savings into a wheat crop and from what I hear that stuff spewing out of the plant will cost me the whole field. I saw the smoke earlier today so I know its out there. Are all of my cattle and livestock contaminated too? The other farmers are just as worried as I am!

PC-48 TO: Public Concern Phone Team
FROM: Citizen
TIME: 11:16
MESSAGE: **"This is a drill"**

This is Steve James and I live in Hutchinson, but my brother Joe works at the plant. How can I find out about his condition. I heard some employees were hurt in the accident. Do you know if anyone has died? How soon will employees be able to leave the plant?

PC-49 TO: Public Concern Phone Team
FROM: Citizen
TIME: 11:20
MESSAGE: **"This is a drill"**

This is Jennifer Cook. I live in Burlington and am really worried about my cat. He has been acting strange, kind of jumpy. He was acting this way before the earlier quake this morning. Who do I call to warn them that another quake is about to strike? Do you think the radiation that seeped out of the crack in the domed building is affecting him?

PC-50 TO: Public Concern Phone Team
FROM: Citizen
TIME: 11:24
MESSAGE: **"This is a drill"**

Hello. This is Sharon Anderson. I'm calling from BETO Junction. I want to go to my father's home. His name is Herman Anderson. He lives on the plant access road. Can I get in to see him or are the roads blocked off? Was he evacuated? Where did you take him?

PC-51 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 11:28
 MESSAGE: *This is a drill*

This is Charles Greenlief. I'm a chemistry professor at ESU and feel that I could be of help to the operators out at the plant. When I get to the plant who should I report to? What is the current situation at the plant?

PC-52 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 11:30
 MESSAGE: *This is a drill*

Hello, this is James Steveson in Kansas City. I know all about nuclear power and just saw a picture of Wolf Creek on the TV. I was just wondering how fast the reactor spins as it is melting down? Do you have men inside the containment structure right now? How much radiation will they get compared to the people living around the plant? What will Kansas do without all the electricity that Wolf Creek puts out?

PC-53 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 11:34
 MESSAGE: *This is a drill*

This is Paul Livingston. I live in Burlington and am concerned that I might know some of the men killed in the accident. I heard the siren and know there was some sort of accident. Am I supposed to be in my basement? It sounded just like the tornado siren. Are people leaving the area?

PC-54 TO: Public Concern Phone Team
FROM: Citizen
TIME: 11:38
MESSAGE: *This is a drill*

Hey! My neighbors are packing up and heading for Emporia. I live in Hartford and haven't heard a thing about leaving. Why are you people leaving us in the dark? Don't read me a news statement! We're talking life and death here. What would you do if you were me? What exactly does a Site Area Emergency mean?

PC-55 TO: Public Concern Phone Team
FROM: Citizen
TIME: 11:42
MESSAGE: *This is a drill*

This is Lillian Williams. I live in Burlington and filled out a special needs card last year. Will someone come and get me at my home? With the sirens going off, something must be wrong. I asked for assistance because I can't drive and don't want to be left here to die. When will the police come?

PC-56 TO: Public Concern Phone Team
FROM: Citizen
TIME: 11:44
MESSAGE: *This is a drill*

Hello, this is Harold Davidson from Kansas City. I used to work for Bechtel and could be of help to you. What sort of plant is Wolf Creek? Is it a boiling water reactor? How long has it been in operation? How many steam generators do you have? What is the status of the accident now? Is there anyone at the plant that I can contact?

PC-57 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 11:48
 MESSAGE: *This is a drill*

Hi, this is Jackie Jones. My husband and brother work at the plant and I am really concerned. I haven't heard a thing and with the sirens going off I'm really scared. Can I go to the plant to look for them? Are the roads blocked off? Were there any deaths or injuries? When will it be safe to go to the plant? How long does a Site Area Emergency usually last?

PC-58 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 11:52
 MESSAGE: *This is a drill*

Hello, my name is Steve James from Hutchinson. I called earlier about my brother Joe. He's an electrician at the plant. I heard that some people were killed in the accident. Do you know anything more about the incident now? When will I be able to call out to the plant? Are you letting employees go home?

PC-59 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 11:56
 MESSAGE: *This is a drill*

Can radiation reach Wichita? The wind is blowing from the North. What does that mean for us? How can you tell if you're breathing radiation? Should I stay inside and go down to my basement? Is the radiation coming from the plant like radon gas coming out of the earth or worse?

PC-60 TO: Public Concern Phone Team
FROM: Citizen
TIME: 12:00
MESSAGE: "This is a drill"

This is Henry James. I live out in the country and have one of those tone alert radios. When do they go off? I've been waiting for mine to go off and it hasn't. Is it broken? What is going on at the plant? I'm five miles east and it's pretty quiet out here. What radio station is covering the accident?

PC-61 TO: Public Concern Phone Team
FROM: Citizen
TIME: 12:04
MESSAGE: "This is a drill"

This is Carl Kelly with the Emporia Chamber of Commerce. I want to know if Wolf Creek will recover from this? Are all the Wolf Creek employees going to pull out of Emporia again? When can we expect the refugees from Burlington to arrive in Emporia for medical treatment?

PC-62 TO: Public Concern Phone Team
FROM: Citizen
TIME: 12:08
MESSAGE: "This is a drill"

This is Janet Bernstein. I'm not feeling well and want to go to the Coffey County Hospital, but I'm afraid to leave my house. Will I get radiation if I go outside? I've been reading the emergency stuff you sent in the mail and it talks about sheltering. Are we supposed to be doing that yet?

PC-63 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 12:08
 MESSAGE: *This is a drill*

This is John Small. I've heard that you have a big leak at the plant. How did it start and why hasn't it been stopped? I live in Burlington and want to be sure to get out if I need to. Am I part of this EPZ I keep hearing about? What does that mean?

NOTE: Contact Lead Controller prior to giving this message --
 rumor to track.

PC-64 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 12:12
 MESSAGE: *This is a drill*

This is Charlotte Lamb in Gridley. How much did that lemon of a plant cost us taxpayers? Who owns it? Are they going to pay to clean up this mess, and how are they going to compensate all the people that get cancer twenty years from now? Give me the number of the Federal Emergency Management Agency. I want to find out what they're doing about this.

PC-65 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 12:16
 MESSAGE: *This is a drill*

I'm really ticked off. What's going on out there? Is it getting worse? I'm in LeRoy and we haven't heard a thing. Where's the NRC? Aren't they supposed to fix problems like this? What is their function anyway? Do you have a phone number for them? I want to find out if they really know what's going on out here.

PC-66 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 12:20
 MESSAGE: *This is a drill*

This is Artie Miller. And I want to get some TV crews out to my house. I can see the plant exploding from my porch in New Strawn. It was smoking earlier and I'm sure it will again. What's the number for KSN-TV in Topeka? Are the roads open from Topeka to New Strawn?

PC-67 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 12:24
 MESSAGE: *This is a drill*

This is Floyd Snyder. I live just south of your cooling lake. I've heard that the fish are dying by the hundreds in the lake. What's causing that? Will the fish in my farm pond die, too? Should I be evacuated? I really don't want to leave my home. Do I have to go even if I don't want to?

NOTE: Contact Lead Controller prior to giving this message --
 rumor to track.

PC-68 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 12:28
 MESSAGE: *This is a drill*

Hey! What is a millirem? I'm hearing that millirems are coming out of the plant? How fast will it kill me or my children? My kids are three and five years old. Are they safe in the basement or should I get out of Waverly?

PC-69 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 12:32
 MESSAGE: "This is a drill"

This is Sheldon Burke in Burlington. What is a General Emergency? Is that worse than the last level the news mentioned? I can't believe this is happening, everything seems all right outside. How do I know if I'm getting effected? Is it worse than a sunburn? What are some of the symptoms of radiation sickness? What are the Federal limits for radiation? Are your employees allowed to get more than that? Will you call me back if I should leave my house?

PC-70 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 12:36
 MESSAGE: "This is a drill"

Who is in charge there? I want to talk to someone in charge. I called earlier and you read me a news statement, but things are getting worse and I want some answers! How do we know you people will really help us get out? I'm a local resident and deserve to know what's going on.

PC-71 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 12:40
 MESSAGE: "This is a drill"

This is Cheryl Adams. I run a pre-school in Burlington. What is a protective action recommendation? Who recommends the actions and how do we find out about them? Can you tell me some of the things I might have to do? Does sheltering mean just staying inside? Most of the parents have picked up their children, but five are still with me. If I leave, how can I let the parents know where their children went?

PC-72 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 12:44
 MESSAGE: *This is a drill*

This is Julie Brownsfield in Burlington. How do you read this phone book map? I can't tell which sector I'm in. Does it matter at this point? Am I suppose to stay home or leave immediately? Can I take my five dogs and three cats? Who will feed them if I leave? How long will I be gone and where will I be sent?

PC-73 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 12:48
 MESSAGE: *This is a drill*

Hello, this is Bill Harris with the Osborne Fire Dept. Do you need any extra medical or fire support in Coffey County? We'd be happy to come down and assist. What are the total number of wounded? Do you have roadblocks up yet? Who else should I call to offer our services?

PC-74 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 12:52
 MESSAGE: *This is a drill*

Hi, this is LeRoy Paine of Iola. I've been listening to the radio and hear that people are sheltering. Is that true? Will the radiation reach Iola? What direction is it heading and how fast will it get here?

PC-75

TO: Public Concern Phone Team

FROM: Citizen

TIME: 12:52

MESSAGE: *This is a drill*

I live in Garnett. What is the status of the plant? Is the accident under control? I heard that radiation is spewing out of a crack in the dome. Was that caused by the earlier quake? Did Wolf Creek cause the earthquake?

PC-76

TO: Public Concern Phone Team

FROM: Citizen

TIME: 12:56

MESSAGE: *This is a drill*

I live east of the plant and my 17-year-old son is out in the fields. I can't find him anywhere. Do you have people doing search and rescue for victims overcome by radiation? Should I leave my home without him? How will he ever find me if I evacuate to Emporia?

PC-77

TO: Public Concern Phone Team

FROM: Citizen

TIME: 1:00

MESSAGE: *This is a drill*

Hello, this is Maxine Young. I'm 89 years old and can't hear too well. My neighbors just packed up their cars and drove off in a hurry. They told me to call someone for help so I called you. What should I be doing and where is everyone going?

PC-78 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 1:04
 MESSAGE: "This is a drill"

This is Gerald Forrest of Burlington. I've got 300 head of cattle grazing just south of the plant. Will they be affected by this accident? Is it safe for me to go out there and bring them in? How far away from the plant is it safe?

PC-79 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 1:08
 MESSAGE: "This is a drill"

Last night I collected vegetables from my garden and ate them for dinner! Am I going to die? I'm sure they were radioactive. How do I know that the plant wasn't putting out stuff last night? Will I ever be able to use the soil in my backyard?

PC-80 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 1:12
 MESSAGE: "This is a drill"

This is Tim Williams in LeRoy. What are the long term effects of radiation exposure? How much is too much? Is there any way for me to find out how much I've gotten already from living near the plant for ten years? What are you telling local residents to do?

PC-81 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 1:16
 MESSAGE: "This is a drill"

Todd Bishop here. I run a pig operation here in Westphalia. Can I let my pigs drink pond water or should I only use well water? How long will my pond be contaminated and how can I tell? Will the plant pay to clean it up for me? How can I tell if my pigs are already sick?

PC-82 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 1:20
 MESSAGE: "This is a drill"

Hello, this is Judy Winters in Yates Center. My mother lives in Burlington and I can't get a hold of her. Have you evacuated all the people from town? Where could she be? Will she ever be able to go back to her home?

PC-83 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 1:24
 MESSAGE: "This is a drill"

Is this the nuclear plant? Do you have numbers on how much radiation is coming from the plants as a result of the earthquake? How many people are sick or have died? Do you have known cases of radiation poisoning? What do the radioactive people look like?

PC-84 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 1:28
 MESSAGE: *This is a drill*

Hi, this is Joel Scott. My wife is in her 8th month of pregnancy. We live in Americus, and I was wondering if she will be affected by your accident? I'd like to have her checked out by a doctor today to make sure she's OK. Is it safe to go outside to get into the car?

PC-85 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 1:32
 MESSAGE: *This is a drill*

This is George Weilder. I live in Emporia, but my cats are at my son's house in Burlington. I want to go get them now. Who is going to stop me if I drive out there? If I don't get them they'll surely die.

PC-86 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 1:36
 MESSAGE: *This is a drill*

Hello. This is Jeff Stevenson with the Sierra Club. We'd like to do an article on how nuclear power pollutes the environment and kills animals. Do you have any dead animals as a result of the accident? Can we get to the plant to take pictures? What about tomorrow?

PC-87 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 1:40
 MESSAGE: *This is a drill*

This is Wilbur Foster of Foster Chemical Supply. What should I do with the bottles of chlorine and nitrogen I'm supposed to deliver? I'm not going out to that place even if they pay me. You'll just have to tell them I'm not coming.

PC-88 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 1:44
 MESSAGE: *This is a drill*

Is this Wolf Creek? Can I talk to anyone at the plant? What can you possibly know about employees if you are in Wichita? I'm trying to reach my son Junior Smith. Do you know him? When will he be able to call home? Will he be able to drive to Emporia to visit us?

PC-89 TO: Public Concern Phone Team
 FROM: Citizen
 TIME: 1:48
 MESSAGE: *This is a drill*

Hi. I've got 300 acres of wheat in the field just outside of Burlington. Will I be able to sell it after today? Will the plant pay me for the loss, if any?

PC-90

TO: Public Concern Phone Team

FROM: Citizen

TIME: 1:52

MESSAGE: "This is a drill"

Hello, this is Pat Schmidt. There is a strange man in my garden. It looks like he is taking a sample of my soil. Is he from Wolf Creek?

PC-91

TO: Public Concern Phone Team

FROM: Citizen

TIME: 1:56

MESSAGE: "This is a drill"

Henry Gilmore here. I'm here in Waverly and wondering what's going on in Burlington. Are people being evacuated? Where do Burlington residents get evacuated to? Who is making these decisions? Is it the Governor?

MEDIA MESSENGER MESSAGES

MS-1 To: Media Messenger

From: Reporter

Time: 9:50

Message: "This is a Drill"

This is Judy Gibson of KAKE-TV. How soon can we come to Topeka for a news briefing? Are there phones there so we can call in our stories? Is there room for a satellite truck?

MS-2 To: Media Messenger

From: Reporter

Time: 9:55

Message: "This is a Drill"

How long will it take a news crew to get there from Kansas City? Is it faster for us to go to the plant? Can you give me directions to the Armory from downtown K.C.?

MS-3 To: Media Messenger

From: Reporter

Time: 10:00

Message: "This is a Drill"

This is Vera Smith with the Eagle-Beacon. What information has Wolf Creek released so far? When is the next new conference? Is the accident still going on at the plant -- is it over by now?

MS-4 To: Media Messenger

From: Reporter

Time: 10:05

Message: "This is a Drill"

This is Gary Wilson with KSN-TV in Wichita. Can you give out information on the plant? I want to go to the plant on my way to Topeka to take pictures, is that allowed? Will I be able to get in?

MS-5 To: Media Messenger

From: Reporter

Time: 10:15

Message: "This is a Drill"

This is Nancy Gordon with the Topeka Capital Journal. How many news releases have gone out so far? We want to make sure we have all the information up to this time. When will the next news conference be held? Will the Governor be there?

MS-6 To: Media Messenger

From: Reporter

Time: 10:20

Message: "This is a Drill"

Can you tell me where you are located? Are there hotels and restaurants close by for visiting journalists? How far is it to Kansas City from there?

MS-7 To: Media Messenger
 From: Reporter
 Time: 10:25
 Message: "This is a Drill"

This is Vera Goldtium with CNN. We're sending a crew of five people out to K.C. today. I need explicit directions to the plant. We want to take pictures in Burlington and then talk to the Governor and the President of Wolf Creek. When will they both be available for questions?

MS-8 To: Media Messenger
 From: Reporter
 Time: 10:30
 Message: "This is a Drill"

This is Tom Gleason with KFDI radio. Is our crew there yet? Can you leave a message for the reporter there to call his editor as soon as possible?

MS-9 To: Media Messenger
 From: Reporter
 Time: 10:35
 Message: "This is a Drill"

This is Shirley Eagle with the Emporia Gazette. When will your facility be ready for reporters? Are there phones close by for us to use? Are any Wolf Creek management there and available for interviews?

MS-10 To: Media Messenger

From: Reporter

Time: 10:40

Message: "This is a Drill"

Robert Moore with NBC. We're flying a crew into Kansas City. Where should they go to get their story? We want photos of the plant. What is the address of the plant? Is it off limits for security reasons? How do we get to your Media Release Center?

MS-11 To: Media Messenger

From: Reporter

Time: 10:45

Message: "This is a Drill"

Eagle-Beacon again. Give me better directions to your center! We're at the West Ridge Mall.

MS-12 To: Media Messenger

From: Reporter

Time: 10:50

Message: "This is a Drill"

Hello, this is Nancy with The Topeka Capital Journal. I need to leave a message for Phil on our crew. They may not be there yet. Would you tell Phil to call Nancy at 343-9087 as soon as possible.

MS-13 To: Media Messenger

From: Reporter

Time: 11:00

Message: "This is a Drill"

Hello, this is Martin Maynard with KAKE-TV. Has our team arrived there yet? Will you leave them a message? They forgot the battery pack and we're sending another truck out after them.

MS-14 To: Media Messenger

From: Reporter

Time: 11:05

Message: "This is a Drill"

This is Tom Gardner with KBRC radio out of Osage City. We'd like to send a team out to cover the Wolf Creek story. Where should they go? Who will be in Topeka for them to talk to? Do you think an interview with Bart Withers will be possible?

MS-15 To: Media Messenger

From: Reporter

Time: 11:1

Message: "This is a Drill"

This is KWCJ-TV in Wichita. We want to talk with Wilson Cadman. Where is he? Is he going to be available for questions? What is your address there in Topeka?

MS-16 To: Media Messenger

From: Reporter

Time: 11:15

Message: "This is a Drill"

Hello, this is Jennifer Burton with the Kansas City Star. I work for Marty Rosenberg. He is a close friend of Bart Withers and wants to interview him this afternoon. Could you please inform Mr. Withers of this request?

MS-17 To: Media Messenger

From: Reporter

Time: 11:20

Message: "This is a Drill"

Who is Warren Wood? Is he the NRC spokesperson? Can we get a personal interview with him in Topeka?

MS-18 To: Media Messenger

From: Reporter

Time: 11:25

Message: "This is a Drill"

KAK? Radio in Wichita here. Can we ask you a few questions about the accident happening at the plant? Who will answer our questions?

MS-19 To: Media Messenger

From: Reporter

Time: 11:30

Message: "This is a Drill"

Hello, this is Amy Rutherford with the Oklahoma Herald. We will be arriving this afternoon and need a place to stay. Do you have accommodations there or know of a few hotels?

MS-20 To: Media Messenger

From: Reporter

Time: 11:35

Message: "This is a Drill"

Hello, this is Allan Loewe with KZAP-San Francisco. Is your plant having a meltdown? Can you read me the latest news statement? Off the record, what do you think is really happening?

MS-21 To: Media Messenger

From: Reporter

Time: 11:40

Message: "This is a Drill"

Can you leave a message for the KAKE reporter from Wichita? Her name is Sheila Jones. She should be arriving soon. Tell her to call her husband Tom at the office.

MS-22 To: Media Messenger

From: Reporter

Time: 11:45

Message: "This is a Drill"

Hello, this is Stacy Doyle with KWCF-TV. Would you let our Tom McMann, one of our reporters, know that his wife just went into labor. He should get on the road to Wichita as soon as possible. We're sending someone up to take his place.

MS-23 To: Media Messenger

From: Reporter

Time: 11:30

Message: **"This is a Drill"**

George Stubby here with ABC News Los Angeles. How do we get to your location from KCI? Our crew will be there at 3:00 p.m. Will people still be there or should we go to Burlington?

MS-24 To: Media Messenger

From: Reporter

Time: 11:55

Message: **"This is a Drill"**

This is Sherry Logan with NBC News in New York. I need to make room reservations for our crews coming out to Kansas. Can you give the numbers of the hotels in your area? I'll need twenty rooms for an indefinite time.

MS-25 To: Media Messenger

From: Reporter

Time: 12:00

Message: **"This is a Drill"**

This is Joyce LaRue with the Hutchinson Herald News. What is the status of the plant? Do you have any up-to-date news to give out? I want pictures of the plant. Are you giving any out to the media? Can you mail me information on the plant?

MS-26 To: Media Messenger

From: Reporter

Time: 12:05

Message: "This is a Drill"

Who is the Wolf Creek Spokesperson? What is his usual job at the plant? Are any other management people available to answer questions? How soon will we be able to get into the plant?

MS-27 To: Media Messenger

From: Reporter

Time: 12:10

Message: "This is a Drill"

George Scott with Omaha Daily Star. We don't want to come to Kansas. I want information over the phone, or can you fax me your news statements? Who can I talk to right now about the crisis?

MS-28 To: Media Messenger

From: Reporter

Time: 12:15

Message: "This is a Drill"

Hello, this is Harold Bartlett. I'm with Newsweek. We want action photos of people evacuating the area. Where is Burlington on the map? Has a State of Emergency been declared by the Governor yet? What about roadblocks?

MS-29 To: Media Messenger

From: Reporter

Time: 12:20

Message: "This is a Drill"

This is the Governor's Press Secretary's office. We need to get a message to Milton Freedman as soon as possible. He should be there sometime today. Can you tell him to call 876-5555 and ask for John Lowell if he shows up?

MS-30 To: Media Messenger

From: Reporter

Time: 12:25

Message: "This is a Drill"

I need the name of the NRC spokesperson. Where is the NRC based? Do you have a number for them? Are they issuing news statements yet? Can you read them to me over the phone?

MS-31 To: Media Messenger

From: Reporter

Time: 12:30

Message: "This is a Drill"

This is John Juarez with People Magazine. We're on our way to Kansas and need to know where to go. Why aren't you at the plant? Is it dangerous there?

MS-32 To: Media Messenger

From: Reporter

Time: 12:35

Message: **"This is a Drill"**

Can you make hotel reservations? I need six rooms for CNN reporters. They should be arriving at your media center at noon. Could you leave them a message to call Joe in New York?

MS-33 To: Media Messenger

From: Reporter

Time: 12:40

Message: **"This is a Drill"**

How many news statements have gone out? When will the next press conference be held? Is the Governor planning to answer questions? What is Wolf Creek management doing to end the accident?

MS-34 To: Media Messenger

From: Reporter

Time: 12:45

Message: **"This is a Drill"**

Please get a message to Joel Holmes with KWCH-TV right away. Tell him we need a story right away, and to send something down on to Wichita on the helicopter.

MS-35 To: Media Messenger

From: Reporter

Time: 12:50

Message: **"This is a Drill"**

I'm trying to reach my husband, George Wilson. He's a reporter with KAKE-TV. We had an emergency at home. Would you ask him to call home as soon as possible?

MS-36 To: Media Messenger

From: Reporter

Time: 12:55

Message: **"This is a Drill"**

I need to get a message to Sheila Jones. She's a reporter with the KAKE news crew. Please have her call her editor regarding a deadline.

MS-37 To: Media Messenger

From: Reporter

Time: 1:00

Message: **"This is a Drill"**

This is WDAF-TV. Will you give me an interview over the phone? I need to get some information fast. Who can I talk to at the plant? Are there still people in Burlington? If I send a news truck to Coffey County will they be able to interview evacuating residents?

MS-38 To: Media Messenger

From: Reporter

Time: 1:05

Message: **"This is a Drill"**

Can our helicopter fly over the plant to take pictures? Our crew is flying up to Topeka and will go right by the plant. Is it safe to do that? Can anyone stop us? Has the Governor's office made any statements yet? Is the Governor there?

MS-39 To: Media Messenger

From: Reporter

Time: 1:10

Message: **"This is a Drill"**

This is Joel Baker of KOA-TV. How soon can we send a crew to Topeka? We want a story with pictures for the evening news, at the latest. What visuals do you have in your media center? Are interviews with management being given? Can you answer a few questions about the plant for me?

MS-40 To: Media Messenger

From: Reporter

Time: 1:15

Message: **"This is a Drill"**

I'm a reporter with the Emporia Gazette. I'm pregnant and my editor asked me to cover the accident. Will the radiation get me in Topeka? What effect will it have on my unborn child?

MS-41 To: Media Messenger
From: Reporter
Time: 1:20
Message: "This is a Drill"

What's your name? Can we tape this conversation? I'm with CBS news in New York. We're covering a big oil tanker explosion in the Gulf and can't get a crew to Topeka until tonight. Can I get the story from you?

MS-42 To: Media Messenger
From: Reporter
Time: 1:25
Message: "This is a Drill"

How many earthquakes does Kansas have per year? Are earthquakes common in Coffey County? I'm with the Sierra Club and we think the utilities in Kansas built that nuke plant on a known seismic fault! I'm writing a story for our magazine and need more information. Who is available from the plant for an interview?

MS-43 To: Media Messenger
From: Reporter
Time: 1:30
Message: "This is a Drill"

How many have died in Topeka so far? KAKE news has heard rumors of people getting sick. Is this related to the radiation flowing out of the plant?

MS-44 To: Media Messenger
From: Reporter
Time: 1:35
Message: "This is a Drill"

Hello, I'm Tom Simon with 60 minutes. We'd like to do a story on the earthquake and accident at the nuclear plant. Can you give the number for the CEO and President of Wolf Creek? I'd also like to talk to Wilson Cadman of KG&E. Can you arrange an interview?

MS-45 To: Media Messenger
From: Reporter
Time: 1:40
Message: "This is a Drill"

Hello, this is Angie Williamson with the Kansas City Star. Marty Rosenberg is our regular Wolf Creek reporter and should be there somewhere. Can you leave a message for him to call his editor by 4:00 p.m.?

MS-46 To: Media Messenger
From: Reporter
Time: 1:45
Message: "This is a Drill"

This is United Airlines at KCI. We have about fifty reporters trying to get to Topeka to cover the Wolf Creek story. Can you give me directions to your facility?

MS-47 To: Media Messenger

From: Reporter

Time: 1:50

Message: *This is a Drill*

Tim Crokaw here. I'm coming in by helicopter and need a limo to meet me at Forbes Field in one hour. Can you arrange that? Where is the plant so we can fly over and get some pictures?

MS-48 To: Media Messenger

From: Reporter

Time: 1:55

Message: *This is a Drill*

This is KSKX Radio in Topeka. We heard that the President is coming to Kansas to tour the plant. Is that true? President Carter toured Three Mile Island. If he comes will he land at Forbes field?

MS-49 To: Media Messenger

From: Reporter

Time: 2:00

Message: *This is a Drill*

This is Walter Baxter with the Parsons Sun. Can you locate my reporter Tim Coleman and tell him to call the office as soon as possible? We have a bigger story closer to home for him to cover.

MS-50 To: Media Messenger
 From: Reporter
 Time: 2:05
 Message: *This is a Drill*

What is an information clearinghouse, and where is your's located?
How can I get to the armory or the media release center? I'm in
Lawrence and need a story for the KU Gazette.

MS-51 To: Media Messenger
 From: Reporter
 Time: 2:10
 Message: *This is a Drill*

Is there a limit on the number of reporters your facility will hold?
Are extra electricity hook-ups available? What about room for our
news truck and where is the closest phone? Is this the only number
where reporters can be reached?

MS-52 To: Media Messenger
 From: Reporter
 Time: 2:15
 Message: *This is a Drill*

Can I leave a message for Ralph Turner? He's the KL2S radio
reporter. Tell him to stay in Topeka for as long as it takes. I'll
find other people to cover his regular duties. Please have him call
Mike at (913) 457-9087.

MS-53 To: Media Messenger
From: Reporter
Time: 2:20
Message: ***This is a Drill***

This is the Associated Press. We're sending two reporters to cover the Burlington explosion. Can you fax me a map with your location on it? How many news statements have gone out? Can you read the last one to me?

MS-54 To: Media Messenger
From: Reporter
Time: 2:25
Message: ***This is a Drill***

Hello, who is this? Are you at the plant? What information is coming out of the plant? Is the accident over yet? How soon will our reporters be able to get into the plant for video? Do you have any video of the plant that you're giving out?

MS-55 To: Media Messenger
From: Reporter
Time: 2:30
Message: ***This is a Drill***

This is the editor for the Topeka Capital Journal. Leave a message for John Rutherford to stay there. He isn't to leave until his replacement, Sam King, arrives.

MS-56 TO: Media Messenger

FROM: Editor

TIME: 14:35

MESSAGE: "This is a Drill"

Hello, who am I speaking to? Well would you look around and see if the radio crew from KFDI is there?

Can I at least leave a message for Howey Hutton to call his news editor? He knows the number.

MS-57 TO: Media Messenger

FROM: Reporter

TIME: 14:40

MESSAGE: "This is a Drill"

Hello, is this Mary Garner? Is Mary there? She is with KLZS radio out of Wichita. I need her to get back here as soon as she can! Our disc jockey just went home with the flu, so I'm running the board myself, and I don't know what I'm doing!

MS-58 TO: Media Messenger

FROM: Editor

TIME: 14:45

MESSAGE: "This is a Drill"

May I leave a message for a reporter that is working at your center? His name is Louis Yams. Tell him his editor found someone else to cover tomorrow's murder trial and he should stay there in Topeka to get the Wolf Creek story. My name is Bart Lesson.

MS-59 TO: Media Messenger

FROM: Reporter

TIME: 14:50

MESSAGE: "This is a Drill"

Hi, I'm Madeline French from LeRoy. Do you have any news on how those circus animals are doing? I live in Gridley, and if one of those cute baby bears needs a temporary home, I'd be glad to keep him for awhile.

MS-60 TO: Media Messenger

FROM: Reporter

TIME: 14:55

MESSAGE: "This is a Drill"

Hi! My name is Kay Johnson from the Lawrence Report.

- How do you think things are really going at Wolf Creek?
- Will someone from the plant be coming to Topeka to brief us on what has happened?
- Can you arrange for a private interview with the County Spokesperson?
- Can you get the names and titles of the Spokespersons who will be coming to the Media Center?

MS-61 TO: Media Messenger

FROM: Reporter

TIME: 15:00

MESSAGE: 'This is a Drill'

This is Don Bartel with the Denver Post.

- When is the next new conference?
- Can you arrange for me to get into the other building for some pictures?
- Is it safe to send a camera crew to the Wolf Creek site?
- Do you have any news releases from the Nuclear Regulatory Commission?

NOTE: IF YOU ARE DIRECTED TO MEDIA INQUIRY, CALL THE MESSAGE INTO THEM.

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Emergency Preparedness Coordinator

FROM: KSNP Radio

LOCATION: County EOC

TIME: 0830 (H+1:00)

MESSAGE: George, this is Doug Lawrence from KSNP radio. I'd really like to do a live broadcast from your response headquarters and let our listeners know that they are being taken care of. What time should I be there and where may I set up?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: HMMT Leader

FROM: COF Services

LOCATION: County EOC

TIME: 0845 (H+1:15)

MESSAGE: Susan, we've got 60 clients working here today. Should we evacuate them now or wait until we hear from you? Should I call my bus drivers to come back now, or should I wait? I really don't know if transportation will be available for all my clients until normal working hours are over.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: County Agent

FROM: Citizen

LOCATION: County EOC

TIME: 0900 (H+01:30)

MESSAGE: Who is going to be responsible for checking out all the crops and other food stuffs for contamination? When will we know if everything is safe or has to be destroyed?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Emergency Preparedness Coordinator(EPC)
FROM: Controller
LOCATION: County EOC
TIME: (Just after SAE) 0945 (H+02:15)
MESSAGE: Citizens are calling into the dispatchers to ask what the
"warble" tone on the sirens means. A woman seems to think that
the warble tone is coming from all the fixed sirens.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: County Engineer

FROM: Fire Leader

LOCATION: County EOC

TIME: 0950 (H+02:20)

MESSAGE: There has been a house fire in LeRoy that is taking every fire fighter we've got in LeRoy. I'm afraid that they can't do notification of the hearing-impaired in LeRoy.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Radiological Officer

FROM: Woodson County

LOCATION: County EOC

TIME: 0955 (H+02:25)

MESSAGE: Several of our people have had some monitoring training and have volunteered to help you out with monitoring. They already left the courthouse and are heading north up Highway 75 to your courthouse in Burlington. They said that they would meet you on the east side of the courthouse in about 30 minutes.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shelter Systems Officer

FROM: A host county Emergency Preparedness Coordinator

LOCATION: County EOC

TIME: 1000 (H+02:30)

MESSAGE: We've had a fire in the EPC's office, and all of our Wolf Creek supplies and radiological monitoring equipment is either destroyed or inoperable. How soon can you get me some more equipment and supplies?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Commissioners

FROM: Osage County Commissioners

LOCATION: County EOC

TIME: 1010 (H+02:40)

MESSAGE: We are prepared to declare a State of Local Disaster and help you out with any resources we may have. Do you need any assistance at all from us?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: County Sheriff

FROM: Traffic Control Deputy (around Leroy)

LOCATION: County EOC

TIME: 1020 (P+02:50)

MESSAGE: Traffic is backed up at the Mo. Pac. railroad line because the signals are flashing and the barricades are down. I don't see a train coming - when is it due?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: EMT Leader

FROM: Registration Center

LOCATION: County EOC

TIME: 1030 (H+03:00)

MESSAGE: We've had an accident here involving three evacuees that may or may not be contaminated. What ambulance service should we use? Is there a special hospital we should send them to?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: County Agent

FROM: US Department of Agriculture

LOCATION: County EOC

TIME 1040 (H+03:10)

MESSAGE: Please let us know how many miles out Wolf Creek will have an effect. We are interested in all the farms out that far, including any dairy farmers. We'll need names, addresses and phone numbers. We also need the phone numbers of any other involved County Agents.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shelter Systems Officer

FROM: Franklin County Host County Coordinator

LOCATION: County EOC

TIME: 1050 (H+03:20)

MESSAGE: Our Commissioners have refused to proclaim a State of Local Disaster Emergency, and so our county employees have refused to work in the registration center unless I guarantee they are paid. Can you assure me that Coffey County will reimburse us for our workers' wages? May I have it in writing?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: County Sheriff

FROM: Controller

LOCATION: County EOC

TIME: 1100 (H+03:30)

MESSAGE: One of your deputies at an access control point cannot remember his exposure limits. What can you tell him?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: County Engineer

FROM: Controller

LOCATION: County EOC

TIME: 1110 (H+03:40)

MESSAGE: One of your Road and Bridge Crewmen at an access control point
can't remember his exposure limits. What can you tell him?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: HMMT Leader

FROM: Golden Age Lodge Administrator

LOCATION: County EOC

TIME: 1120 (H+03:50)

MESSAGE: One of our patients is undergoing radiation treatments for cancer of the thyroid. If we end up taking that potassium stuff, is it safe to give him? I can't reach his doctor to ask him if it's all right.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Radiological Officer

FROM: Media

LOCATION: County EOC

TIME: 1130 (H+04:00)

MESSAGE: This is Charlotte Peterson, Channel 5 News in Kansas City, Missouri. I understand that you're the radiation expert for Coffey County. Would you please explain to us how serious the problem is from Wolf Creek? How does this compare to something like Chernobyl?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Commissioners

FROM: Representative's Aide

LOCATION: County EOC

TIME: 1140 (H+04:10)

MESSAGE: Representative Freeman would like an update from County government on the status of local efforts to deal with the Wolf Creek situation. Do you require any assistance from Senator Glickman as far as calming down the public?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: County Agent

FROM: County Sale Barn

LOCATION: County EOC

TIME: 1150 (H+04:20)

MESSAGE: What can I do about all these cattle that everyone has left here? The folks that own the cattle have all taken off. What am I supposed to do?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Shelter Systems Officer

FROM: Anderson County Emergency Preparedness Coordinator

LOCATION: County EOC

TIME: 1200 (H+04:30)

MESSAGE: I don't have time right now to monitor vehicles, but I've got some evacuees insisting that they have their cars immediately. They want to know if they can sign a release or waiver or something enabling them to take their cars without holding us or you people liable. Is there such a waiver?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: County Sheriff

FROM: Jailer

LOCATION: County EOC

TIME: 1215 (H+04:45)

MESSAGE: If the jail were to be evacuated, where will all the prisoners be taken? How will they be evacuated? Should they be readied for transport?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: County Engineer

FROM: Controller

LOCATION: County EOC

TIME: 1230 (H+05:00)

MESSAGE: Two of the school buses that you were counting on using for transportation assistance have refused to reenter Coffey County from the registration center in Iola. What extra provisions can you make?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: EPC

FROM: Kansas City Star Reporter

LOCATION: County EOC

TIME: 1300 (H+05:30)

MESSAGE: Does this accident have anything to do with the lack of trained operators at Wolf Creek? Was the accident human error or a series of mechanical missteps?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Radiological Officer

FROM: Allen County Emergency Preparedness Coordinator

LOCATION: County EOC

TIME: 1315 (H+05:45)

MESSAGE: When are you coming to Iola to get all the contaminated items?
What types of things can you guys clean up and let me have back?
People are asking me about their watches, jewelry, etc. What can
I tell them?

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Commissioners

FROM: Lawyer in Wichita

LOCATION: County EOC

TIME: 1330 (H+06:00)

MESSAGE: I would like to have the name and phone number of the head of legal counsel for Wolf Creek, along with the name of their President. We are planning a class action suit against the owners of Wolf Creek and need to contact their law office for some details.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Deputy Director/Director SDEP

FROM: Governor's Office

LOCATION: State EOC

TIME: 0900

MESSAGE: The governor would like an update on the situation at Wolf Creek and wants to know how communities outside of Coffey County might be affected if the situation worsens.

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Department of Wildlife and Parks
FROM: Citizen
LOCATION: State EOC
TIME: 0915
MESSAGE: Someone hit a deer on FAS149 just south of LeRoy. The deer is injured and can't move from the middle of the road.

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Department of Health & Environment
FROM: Mayor of Neosho Falls
LOCATION: State EOC
TIME: 0930
MESSAGE: I understand a radioactive cloud from Wolf Creek is headed our way and should be here this afternoon. I don't think I can get the town evacuated in time. I need enough of that radioactive drug like they used in Russia for 600 people.

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Board of Agriculture (BOA)
FROM: Hunter (State EOC Lead Controller)
LOCATION: State EOC
TIME: 0945
MESSAGE: I was hunting earlier today in Coffey County about six miles east of the nuclear plant. I have already skinned the rabbits I shot. Are they safe to eat and am I contaminated? I was there until around 9:00 or 9:30.

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: National Guard
FROM: Guardsman at State Forward Staging Area
LOCATION: State EOC
TIME: 1000 (or after SPSA is activated)
MESSAGE: A bunch of TLDs just got delivered from the EOF. What are we supposed to do with all these? Are they for the next shift, too?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Highway Patrol

FROM: Roadblock

LOCATION: State EOC

TIME: 1015

MESSAGE: We have a TV crew at our location that claims Lyle Koerper of KG&E gave them permission to go to Wolf Creek's Emergency Operations Center. What should we do?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Deputy Director SDEP
FROM: Governor's Press Secretary
LOCATION: State EOC
TIME: 1030
MESSAGE: Governor Finney has been receiving calls from Hartford. The mayor and city council are planning to evacuate. They want some emergency transportation assistance to take the evacuees to Emporia. They also want to obtain some protective drugs like KI that they can give to people who can't or won't leave.

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Department of Health & Environment

FROM: Environmental Protection Agency

LOCATION: State EOC

TIME: 1045

MESSAGE: We're sending some of our people from Montgomery, Alabama and they'll be there in 24 hours. They'll be bringing their mobile van lab and will want to set it up for sampling. Where can we set up?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Board of Agriculture (BOA)
FROM: US Department of Agriculture
LOCATION: State EOC
TIME: 1100
MESSAGE: Please let us know how many miles out Wolf Creek will have an effect. We are interested in all the farms out that far, including any dairy farmers. We'll need names, addresses and phone numbers. We also need the phone numbers of any involved County Agents.

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas National Guard
FROM: Governor's Press Secretary
LOCATION: State EOC
TIME: 1115
MESSAGE: The news media is very insistent on getting footage of the activities at the power plant. What are the chances of using a National Guard Bus to give them a brief tour?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Department of Transportation

FROM: Smith Construction Company

LOCATION: State EOC

TIME: 1130

MESSAGE: The company is doing some repair work for you on I-75 just north of Yates Center. We're down to one lane and have been using pilot cars to direct traffic. There are about 80 cars backed up trying to go south. People are pretty nervous and going awfully fast because of the nuclear plant. I'm afraid we're going to have a bad accident. What do you advise?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Department of Wildlife and Parks
FROM: Controller
LOCATION: State EOC
TIME: 1145
MESSAGE: The officer that you sent to LeRoy to remove the deer from the middle of the road has not been heard from. What steps can you take to contact him and ensure that he knows of the evacuation order?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Highway Patrol(KHP)
FROM: KHP - Troop H Chanute
LOCATION: State EOC
TIME: 1200
MESSAGE: We are getting calls from several communities about 50-60 miles southeast of Chanute that are thinking about evacuating because of the accident at the plant. What should I tell them?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Department of Transportation
FROM: Communicator at the EDF
LOCATION: State EOC
TIME: 1230
MESSAGE: How long do you think I will have to stay here at Wolf Creek?
Would you find out for me?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Director or Deputy Director SDEP

FROM: Director, FRMA, Region VII (Lead State EDC Controller)

LOCATION: State EDC

TIME: Day 2

MESSAGE: What is the current status of the emergency at the power plant? Should we anticipate your requesting assistance from us and if so when? I would like to get my people prepared if you feel this situation will worsen. What do you think?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Department of Health and Environment (KDHE)
FROM: Steele's New & Used Cars
LOCATION: State EOC
TIME: Day 2
MESSAGE: I'm Joe Steele, of Steele's New & Used Cars in Iola. Most of my inventory sits outside on my lot, and I was wondering if the radioactive fallout needs to be washed off my cars. If it's not dangerous to people, will it hurt the paint any? How much fallout is on the cars anyway?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Department of Wildlife and Parks

FROM: Taxidermist

LOCATION: State EOC

TIME: Day 2

MESSAGE: My name is John Williams, I'm a taxidermist in Burlington and most of my business comes from game and birds show around here. Is the Wolf Creek release of radioactivity going to mean that some animals will be contaminated inside - I mean, what if they eat some contaminated grass? Should I handle the animals differently for awhile?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: National Guard

FROM: News Media

LOCATION: State EOC

TIME: Day 2

MESSAGE: Do you have enough troops to handle your responsibilities at Wolf Creek? What with the Armory cutbacks I guess you are really hurting for recruits.

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Board of Agriculture (BOA)

FROM: IBP in Emporia

LOCATION: State EDC

TIME: Day 2

MESSAGE: How am I supposed to know what cattle are safe to buy? Should I stop buying all cattle for a while? Will you let me know when it's safe to buy Kansas beef again?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Department of Transportation
FROM: Radiological Monitoring Personnel on Roadblocks
LOCATION: State EOC
TIME: Day 2
MESSAGE: We can't get one of the vehicles decontaminated and are ready to isolate it. Can you send us some barricades and something to make signs with to keep people away?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Highway Patrol

FROM: State Forward Staging Area

LOCATION: State EDC

TIME: Day 2

MESSAGE: My 0-200R pocket dosimeter is reading offscale, but my 0-200mR still reads zero. What am I supposed to do? I'm due out on a roadblock next shift.

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Deputy Director, SDEP
FROM: Senator's Aide (State EOC Lead Controller)
LOCATION: State EOC
TIME: Day 2
MESSAGE: Senator Dole has a press conference scheduled to begin in 30 minutes. He needs to know:

The current situation at the plant;
State agencies involved;
Federal agencies involved;
Local agencies involved;
Number evacuated;
Anticipated length of evacuation;
Any problems encountered that are significant.

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Department of Health & Environment -Bureau of Water Protection

FROM: Ottawa Water Facility

LOCATION: State EDC

TIME: Day 2

MESSAGE: What kind of protection should we take because of the accident at Wolf Creek? Should we monitor our filters? Do you want us to change them frequently? Should we keep the used ones for you to test?

NOTE: DO NOT TAKE ANY ACTION other than to coordinate a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Department of Wildlife and Parks
FROM: Citizen
LOCATION: State EOC
TIME: Day 2
MESSAGE: What's going to happen to the fishing in the Neosho River thanks to Wolf Creek? How far down stream will we have to go before we're sure the fish are safe to eat?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: National Guard

FROM: Waverly Mayor

LOCATION: State EOC

TIME: Day 2

MESSAGE: Our underground water main has broken and sprung several leaks. We don't have any potable water in town. Is there any way you could supply us with enough water to get by for the next 2 days?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Board of Agriculture

FROM: Farmer

LOCATION: State EDC

TIME: Day 2

MESSAGE: One of my cattle has been given treatments for cancer of the thyroid. I guess they are radiation - type treatments. Is the cow in any special extra danger because of what has happened out at Wolf Creek?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Department of Transportation
FROM: Radiological Monitoring Personnel on Roadblocks
LOCATION: State RDC
TIME: Day 2
MESSAGE: Two of our CD V-700's don't seem to be working - they're registering offscale of everything including the insides of our vehicles. I'm afraid that when we got here some of the equipment was dropped. What should we do?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Highway Patrol
FROM: Superintendent of California Highway Patrol
LOCATION: State EOC
TIME: Day 2
MESSAGE: We would like to know the scope of your response to this emergency. Have you committed all of your troopers to this effort, or just some? What exactly are you being called upon to do?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Deputy Director
FROM: FEMA Director, Region VII
LOCATION: State EOC
TIME: Day 2
MESSAGE: What are the current conditions at the plant and in Coffey County? Do you know any more about the plant other than what their emergency people tell you?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Department of Health and Environment

FROM: FEMA National

LOCATION: State EOC

TIME: Day 2

MESSAGE: Do you have a base line radiological history for the affected area? Do we know what "normal" levels are in that area? FEMA would like a report as soon as possible on any discrepancies between what is normally detected and what you'll find. We are most interested in the affected sectors out to 100 miles.

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Department of Wildlife and Parks (KWP)

FROM: US Department of the Interior

LOCATION: State EDC

TIME: Day 2

MESSAGE: We are very concerned about the long term effects that Wolf Creek may have on the wildlife in that area. Are you planning to do any kind of testing or sampling of wildlife? Would you like some help setting up some kind of monitoring stations where hunters could ensure that their game is safe?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: National Guard
FROM: County Agent from Ingestion Exposure County
LOCATION: State EOC
TIME: Day 2
MESSAGE: We have a milk sample here that needs to get to the lab as soon as possible, and our transportation is inoperable. Can you assist us in finding another way to get this milk to the lab at Forbes Field?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Board of Agriculture

FROM: Pottawatomie County Agent

LOCATION: State EOC

TIME: Day 2

MESSAGE: Do you want me to call around and get some milk samples for you?
I've gotten all kinds of calls from local farmers wanting to know
if there food and milk cattle are safe. What should I tell them?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated
response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Department of Transportation
FROM: Coffey County Radiological Officer
LOCATION: State EDC
TIME: Day 2
MESSAGE: How many employees do you have trained to be radiological monitors? Do you think you could spare some of them to be monitors at the registration centers? We need as many as you can spare at the armory in Iola.

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

THIS IS A DRILL

DO NOT initiate actions affecting normal plant operations.

TO: Kansas Highway Patrol

FROM: Wolf Creek Security

LOCATION: State EDC

TIME: Day 2

MESSAGE: We've just gotten word that about 300 people are heading here to protest outside the access road to the plant. How many troopers can you send us right away to be ready for those protestors? Are you prepared to detain any of them at the park at the junction of old 50 and highway 75?

NOTE: DO NOT TAKE ANY ACTION other than coordinating a simulated response with the appropriate personnel.

THIS IS A DRILL

SECTION 5.0

PLANT DATA

<u>Subsections</u>	<u>Page</u>
PLANT PARAMETERS	5.1
PLANT GRAPHS	5.27
CORE DAMAGE ASSESSMENT	5.43

PLANT PARAMETERS

Time-related plant parameters are provided in the following subsection. The data includes parameters for primary and secondary systems that may or may not have an impact on this scenario. The subsection titled, "Plant Graphs" depicts the same data in graph form. These parameters may be used as a source of data for control room (CR) operators by the CR Lead Controller, in case of simulator failure.

PLANT PARAMETERS

Real Time Relative Time (H+00:00-00:30)	0730-0800	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (I)		100	-	-	-	-
Reactor Vessel Level (I) - Natural Circulation		120	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		2294	-	-	-	-
Pressurizer Level (I)		60	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	558	558	558	558
T _H (wide-range)		-	618	618	618	618
T _{AVG} (narrow-range)		-	588	588	588	588
Core Exit Thermocouple Temp. (°F)		618	-	-	-	-
Reactor Coolant Loop Flows (I)		-	100	100	100	100
Boron Concentration (ppm)		7	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	3774	3773	3774	3774
Steam Generator (WR) Levels (I)		-	66	66	66	66
Steam Generator Pressures (psig)		-	989	989	989	989
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		.1	-	-	-	-
Temperature (°F)		99	-	-	-	-
Humidity (I)		27	-	-	-	-
Hydrogen Concentration (I vol)		0	-	-	-	-
Recirculation Sump Level (in)		0	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (I)		-	59	59	59	59
Accumulator Pressures (psig)		-	660	660	660	660
Refueling Water Storage Tank Level(I)		97	-	-	-	-

PLANT PARAMETERS

Real Time	0815-0915					
Relative Time	(H+00:45-01:45)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		100	-	-	-	-
Reactor Vessel Level (%) - Natural Circulation		120	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		2294	-	-	-	-
Pressurizer Level (%)		60	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	558	558	558	558
T _H (wide-range)		-	618	618	618	618
T _{AVG} (narrow-range)		-	588	588	588	588
Core Exit Thermocouple Temp. (°F)		618	-	-	-	-
Reactor Coolant Loop Flows (%)		-	100	100	100	100
Boron Concentration (ppm)		7	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	3774	3773	3774	3774
Steam Generator (WR) Levels (%)		-	66	66	66	66
Steam Generator Pressures (psig)		-	989	989	989	989
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		.1	-	-	-	-
Temperature (°F)		99	-	-	-	-
Humidity (%)		27	-	-	-	-
Hydrogen Concentration (% vol)		0.0	-	-	-	-
Recirculation Sump Level (in)		0.0	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	59	59	59	59
Accumulator Pressures (psig)		-	660	660	660	660
Refueling Water Storage Tank Level (%)		97	-	-	-	-

PLANT PARAMETERS

Real Time Relative Time	0930 (H+02:00)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (I)		100	-	-	-	-
Reactor Vessel Level (I) - Natural Circulation		120	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		2294	-	-	-	-
Pressurizer Level (I)		60	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	558	558	558	558
T _H (wide-range)		-	618	618	618	618
T _{AVG} (narrow-range)		-	588	588	588	588
Core Exit Thermocouple Temp. (°F)		618	-	-	-	-
Reactor Coolant Loop Flows (I)		-	100	100	100	100
Boron Concentration (ppm)		7	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	3774	3773	3774	3774
Steam Generator (WR) Levels (I)		-	66	66	66	66
Steam Generator Pressures (psig)		-	989	989	989	989
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		0.1	-	-	-	-
Temperature (°F)		99	-	-	-	-
Humidity (I)		27	-	-	-	-
Hydrogen Concentration (I vol)		0.0	-	-	-	-
Recirculation Sump Level (in)		0.0	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (I)		-	59	59	59	59
Accumulator Pressures (psig)		-	660	660	660	660
Refueling Water Storage Tank Level (I)		97	-	-	-	-

PLANT PARAMETERS

Real Time Relative Time	0935 (H+02:05)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (I)		2	-	-	-	-
Reactor Vessel Level (I) - Natural Circulation		120	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		2006	-	-	-	-
Pressurizer Level (I)		11	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	559	559	559	559
T _H (wide-range)		-	589	589	589	592
T _{AVG} (narrow-range)		-	576	576	576	576
Core Exit Thermocouple Temp. (°F)		592	-	-	-	-
Reactor Coolant Loop Flows (I)		-	0	0	0	0
Boron Concentration (ppm)		7	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	944	950	977	944
Steam Generator (WR) Levels (I)		-	50	50	50	49
Steam Generator Pressures (psig)		-	1037	1038	1034	1036
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		2.2	-	-	-	-
Temperature (°F)		118	-	-	-	-
Humidity (I)		99	-	-	-	-
Hydrogen Concentration (I vol)		0.0	-	-	-	-
Recirculation Sump Level (in)		0.0	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (I)		-	59	59	59	59
Accumulator Pressures (psig)		-	660	660	660	660
Refueling Water Storage Tank Level(I)		97	-	-	-	-

PLANT PARAMETERS

Real Time Relative Time	0945 (H+02:15)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (I)		0	-	-	-	-
Reactor Vessel Level (I) - Natural Circulation		26	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		658	-	-	-	-
Pressurizer Level (I)		0	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	501	500	500	500
T _H (wide-range)		-	700	700	700	700
T _{AVG} (narrow-range)		-	600	600	600	600
Core Exit Thermocouple Temp. (°F)		2731	-	-	-	-
Reactor Coolant Loop Flows (I)		-	0	0	0	0
Boron Concentration (ppm)		632	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	449	445	473	439
Steam Generator (WR) Levels (I)		-	58	57	56	58
Steam Generator Pressures (psig)		-	630	629	628	606
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		11	-	-	-	-
Temperature (°F)		152	-	-	-	-
Humidity (I)		99	-	-	-	-
Hydrogen Concentration (I vol)		0.5	-	-	-	-
Recirculation Sump Level (in)		0	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (I)		-	59	59	59	59
Accumulator Pressures (psig)		-	660	660	660	660
Refueling Water Storage Tank Level (I)		95	-	-	-	-

PLANT PARAMETERS

Real Time Relative Time	1000 (H+02:30)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		0	-	-	-	-
Reactor Vessel Level (%) - Natural Circulation		65	-	-	-	-
Reactor Coolant System (RCS) Pressure (psia)		187	-	-	-	-
Pressurizer Level (%)		0	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	199	199	199	200
T _H (wide-range)		-	214	214	214	214
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		215	-	-	-	-
Reactor Coolant Loop Flows (%)		-	0	0	0	0
Boron Concentration (ppm)		747	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	0	0	3	0
Steam Generator (WR) Levels (%)		-	59	60	59	59
Steam Generator Pressures (psig)		-	12	11	11	13
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		12	-	-	-	-
Temperature (°F)		148	-	-	-	-
Humidity (%)		99	-	-	-	-
Hydrogen Concentration (% vol)		1.6	-	-	-	-
Recirculation Sump Level (in)		0	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level (%)		80	-	-	-	-

PLANT PARAMETERS

Real Time Relative Time	1015 (H+02:45)	Plant Values	Loop 1 or A Values	Loop 2 or F Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		0	-	-	-	-
Reactor Vessel Level (%) - Natural Circulation		74	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		18	-	-	-	-
Pressurizer Level (%)		0	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	212	215	215	218
T _H (wide-range)		-	222	222	222	222
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		295	-	-	-	-
Reactor Coolant Loop Flows (%)		-	0	0	0	0
Boron Concentration (ppm)		861	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	12	12	13	12
Steam Generator (WR) Levels (%)		-	69	70	70	69
Steam Generator Pressures (psig)		-	3	3	3	3
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		12.5	-	-	-	-
Temperature (°F)		145	-	-	-	-
Humidity (%)		99	-	-	-	-
Hydrogen Concentration (% vol)		2.6	-	-	-	-
Recirculation Sump Level (in)		0	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level (%)		78	-	-	-	-

PLANT PARAMETERS

Real Time	1030					
Relative Time	(H+03:00)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		0.0	-	-	-	-
Reactor Vessel Level (%) - Natural Circulation		79		-	-	-
Reactor Coolant System (RCS) Pressure (psig)		16	-	-	-	-
Pressurizer Level (%)		0	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	193	197	196	197
T _H (wide-range)		-	204	204	204	204
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		251	-	-	-	-
Reactor Coolant Loop Flows (%)		-	0	0	0	0
Boron Concentration (ppm)		976	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	6	6	7	6
Steam Generator (WR) Levels (%)		-	73	74	74	74
Steam Generator Pressures (psig)		-	2	2	2	2
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		13.0	-	-	-	-
Temperature (°F)		144	-	-	-	-
Humidity (%)		99	-	-	-	-
Hydrogen Concentration (% vol)		3.74	-	-	-	-
Recirculation Sump Level (in)		0	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level (%)		77	-	-	-	-

PLANT PARAMETERS

Real Time Relative Time	1045 (H+03:15)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		0.0	-	-	-	-
Reactor Vessel Level (%) - Natural Circulation		97	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		19	-	-	-	-
Pressurizer Level (%)		0	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	184	188	185	187
T _H (wide-range)		-	192	192	192	192
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		193	-	-	-	-
Reactor Coolant Loop Flows (%)		-	0	0	0	0
Boron Concentration (ppm)		1091	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	2	2	3	3
Steam Generator (WR) Levels (%)		-	72	74	72	73
Steam Generator Pressures (psig)		-	1	1	1	1
<u>CONTAINMENT BUILDING</u>						
Pressure (psid)		13.5	-	-	-	-
Temperature (°F)		143	-	-	-	-
Humidity (%)		99	-	-	-	-
Hydrogen Concentration (% vol)		4.8	-	-	-	-
Recirculation Sump Level (in)		0	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level (%)		70	-	-	-	-

PLANT PARAMETERS

Real Time	1100	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
Relative Time	(H+03:30)					
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		0.0	-	-	-	-
Reactor Vessel Level (%) - Natural Circulation		97	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		25	-	-	-	-
Pressurizer Level (%)		78	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	179	183	182	182
T _H (wide-range)		-	185	185	185	185
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		186	-	-	-	-
Reactor Coolant Loop Flows (%)		-	0	0	0	0
Boron Concentration (ppm)		1205	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	0	0	2	0
Steam Generator (WR) Levels (%)		-	73	74	72	73
Steam Generator Pressures (psig)		-	7	7	7	7
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)	Real Time 1100	26	-	-	-	-
	Real Time 1101 (Spik.)	8				
Temperature (°F)		117	-	-	-	-
Humidity (%)		99	-	-	-	-
Hydrogen Concentration (% vol)		6.5	-	-	-	-
Recirculation Sump Level (in)		35	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level (%)		65	-	-	-	-

PLANT PARAMETERS

Real Time	1115					
Relative Time	(H+03:45)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		0.0	.	-	-	-
Reactor Vessel Level (%) - Natural Circulation		100	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		17	-	-	-	-
Pressurizer Level (%)		96	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	179	179	179	179
T _H (wide-range)		-	185	185	185	185
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		185	-	-	-	-
Reactor Coolant Loop Flows (%)		-	0	0	0	0
Boron Concentration (ppm)		1320	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	0	0	0	0
Steam Generator (WR) Levels (%)		-	73	73	73	73
Steam Generator Pressures (psig)		-	6	6	6	6
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		7.5	-	-	-	-
Temperature (°F)		117	-	-	-	-
Humidity (%)		99	-	-	-	-
Hydrogen Concentration (% vol)		.2	-	-	-	-
Recirculation Sump Level (in)		100	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level(%)		60	-	-	-	-

PLANT PARAMETERS

Real Time Relative Time	1130 (H+04:00)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		0.0	-	-	-	-
Reactor Vessel Level (%) - Natural Circulation		100	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		17	-	-	-	-
Pressurizer Level (%)		96	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	180	180	180	180
T _H (wide-range)		-	185	185	185	185
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		185	-	-	-	-
Reactor Coolant Loop Flows (%)		-	0	0	0	0
Boron Concentration (ppm)		1370	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	0	0	0	0
Steam Generator (WR) Levels (%)		-	73	73	73	73
Steam Generator Pressures (psig)		-	5	5	5	5
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		6.5	-	-	-	-
Temperature (°F)		117	-	-	-	-
Humidity (%)		99	-	-	-	-
Hydrogen Concentration (% vol)		.2	-	-	-	-
Recirculation Sump Level (in)		105	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level (%)		53	-	-	-	-

PLANT PARAMETERS

Real Time	1145					
Relative Time	(H+04:15)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		0.0	-	-	-	-
Reactor Vessel Level (%) - Natural Circulation		100	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		17	-	-	-	-
Pressurizer Level (%)		96	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	180	180	180	180
T _H (wide-range)		-	185	185	185	185
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		185	-	-	-	-
Reactor Coolant Loop Flows (%)		-	0	0	0	0
Boron Concentration (ppm)		1420	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	0	0	0	0
Steam Generator (WR) Levels (%)		-	72	72	72	72
Steam Generator Pressures (psig)		-	0	0	0	0
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		6.0	-	-	-	-
Temperature (°F)		117	-	-	-	-
Humidity (%)		99	-	-	-	-
Hydrogen Concentration (% vol)		.3	-	-	-	-
Recirculation Sump Level (in)		110	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level (%)		45	-	-	-	-

PLANT PARAMETERS

Real Time Relative Time	1200 (H+04:30)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		0.0	-	-	-	-
Reactor Vessel Level (%) - Natural Circulation		100	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		17	-	-	-	-
Pressurizer Level (%)		96	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	182	182	182	182
T _H (wide-range)		-	183	183	183	183
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		183	-	-	-	-
Reactor Coolant Loop Flows (%)		-	0	0	0	0
Boron Concentration (ppm)		1480	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	0	0	0	0
Steam Generator (WR) Levels (%)		-	70	70	70	70
Steam Generator Pressures (psig)		-	0	0	0	0
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		5.5	-	-	-	-
Temperature (°F)		117	-	-	-	-
Humidity (%)		99	-	-	-	-
Hydrogen Concentration (% vol)		0.0	-	-	-	-
Recirculation Sump Level (in)		113	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level (%)		42	-	-	-	-

PLANT PARAMETERS

Real Time Relative Time	1215 (H+04:45)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		0.0	-	-	-	-
Reactor Vessel Level (%) - Natural Circulation		100	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		17	-	-	-	-
Pressurizer Level (%)		96	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	182	182	182	182
T _H (wide-range)		-	183	183	183	183
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		182	-	-	-	-
Reactor Coolant Loop Flows (%)		-	0	0	0	0
Boron Concentration (ppm)		1530	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	0	0	0	0
Steam Generator (WR) Levels (%)		-	69	69	69	69
Steam Generator Pressures (psig)		-	0	0	0	0
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		5.0	-	-	-	-
Temperature (°F)		118	-	-	-	-
Humidity (%)		99	-	-	-	-
Hydrogen Concentration (% vol)		0.0	-	-	-	-
Recirculation Sump Level (in)		115	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level (%)		37	-	-	-	-

PLANT PARAMETERS

Real Time	1230					
Relative Time	(H+05:00)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		0.0	-	-	-	-
Reactor Vessel Level (%) - Natural Circulation		100	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		17	-	-	-	-
Pressurizer Level (%)		96	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	182	182	182	182
T _H (wide-range)		-	183	183	183	183
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		183	-	-	-	-
Reactor Coolant Loop Flows (%)		-	0	0	0	0
Boron Concentration (ppm)		1575	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	0	0	0	0
Steam Generator (WR) Levels (%)		-	66	66	66	66
Steam Generator Pressures (psig)		-	0	0	0	0
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		4.5	-	-	-	-
Temperature (°F)		118	-	-	-	-
Humidity (%)		99	-	-	-	-
Hydrogen Concentration (% vol)		0.0	-	-	-	-
Recirculation Sump Level (in)		116	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level (%)		36	-	-	-	-

PLANT PARAMETERS

Real Time Relative Time	1245 (H+05:15)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		0.0	-	-	-	-
Reactor Vessel Level (%) - Natural Circulation		100	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		17	-	-	-	-
Pressurizer Level (%)		96	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	180	180	180	180
T _H (wide-range)		-	181	181	181	181
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		181	-	-	-	-
Reactor Coolant Loop Flows (%)		-	0	0	0	0
Boron Concentration (ppm)		1625	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate ($\times 10^6$ lbm/hr)		-	0	0	0	0
Steam Generator (WR) Levels (%)		-	65	65	67	65
Steam Generator Pressures (psig)		-	0	0	0	0
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		4.0	-	-	-	-
Temperature (°F)		118	-	-	-	-
Humidity (%)		99	-	-	-	-
Hydrogen Concentration (% vol)		0.0	-	-	-	-
Recirculation Sump Level (in)		117	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level (%)		35	-	-	-	-

PLANT PARAMETERS

Real Time	1300					
Relative Time	(H+05:30)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		0.0	-	-	-	-
Reactor Vessel Level (%) - Natural Circulation		100	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		17	-	-	-	-
Pressurizer Level (%)		96	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	180	180	180	180
T _H (wide-range)		-	181	181	181	181
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		181	-	-	-	-
Reactor Coolant Loop Flows (%)		-	0	0	0	0
Boron Concentration (ppm)		1730	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate ($\times 10^6$ lbm/hr)		-	0	0	0	0
Steam Generator (WR) Levels (%)		-	65	65	65	65
Steam Generator Pressures (psig)		-	0	0	0	0
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		4.0	-	-	-	-
Temperature (°F)		110	-	-	-	-
Humidity (%)		99	-	-	-	-
Hydrogen Concentration (% vol)		0.0	-	-	-	-
Recirculation Sump Level (in)		118	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level (%)		35	-	-	-	-

PLANT PARAMETERS

Real Time	1315					
Relative Time	(H+05:45)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		0.0	-	-	-	-
Reactor Vessel Level (%) - Natural Circulation		100	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		17	-	-	-	-
Pressurizer Level (%)		96	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	180	180	180	180
T _H (wide-range)		-	181	181	181	181
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		181	-	-	-	-
Reactor Coolant Loop Flows (%)		-	0	0	0	0
Boron Concentration (ppm)		1775	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	0	0	0	0
Steam Generator (WR) Levels (%)		-	65	65	65	65
Steam Generator Pressures (psig)		-	0	0	0	0
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		3.9	-	-	-	-
Temperature (°F)		108	-	-	-	-
Humidity (%)		99	-	-	-	-
Hydrogen Concentration (% vol)		0.0	-	-	-	-
Recirculation Sump Level (in)		119	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level (%)		34	-	-	-	-

PLANT PARAMETERS

Real Time Relative Time	1330 (H+06:00)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		0.0	-	-	-	-
Reactor Vessel Level (%) - Natural Circulation		100	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		17	-	-	-	-
Pressurizer Level (%)		95	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	180	180	180	180
T _H (wide-range)		-	181	181	181	181
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		181	-	-	-	-
Reactor Coolant Loop Flows (%)		-	0	0	0	0
Boron Concentration (ppm)		1811	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	0	0	0	0
Steam Generator (WR) Levels (%)		-	65	65	65	65
Steam Generator Pressures (psig)		-	0	0	0	0
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		3.8	-	-	-	-
Temperature (°F)		107	-	-	-	-
Humidity (%)		99	-	-	-	-
Hydrogen Concentration (% vol)		0.0	-	-	-	-
Recirculation Sump Level (in)		119	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level (%)		34	-	-	-	-

PLANT PARAMETERS

Real Time	1345					
Relative Time	(H+06:15)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		0.0	-	-	-	-
Reactor Vessel Level (%) - Natural Circulation		100	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		17	-	-	-	-
Pressurizer Level (%)		93	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	178	178	178	178
T _H (wide-range)		-	179	179	179	179
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		179	-	-	-	-
Reactor Coolant Loop Flows (%)		-	0	0	0	0
Boron Concentration (ppm)		1820	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	0	0	0	0
Steam Generator (WR) Levels (%)		-	65	65	65	65
Steam Generator Pressures (psig)		-	0	0	0	0
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		3.7	-	-	-	-
Temperature (°F)		106	-	-	-	-
Humidity (%)		99	-	-	-	-
Hydrogen Concentration (% vol)		0.0	-	-	-	-
Recirculation Sump Level (in)		119	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level(%)		34	-	-	-	-

PLANT PARAMETERS

Real Time	1400					
Relative Time	(H+06:30)	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (I)		0.0	-	-	-	-
Reactor Vessel Level (I) - Natural Circulation		100	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		17	-	-	-	-
Pressurizer Level (I)		85	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	178	178	178	178
T _H (wide-range)		-	179	179	179	179
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		179	-	-	-	-
Reactor Coolant Loop Flows (I)		-	0	0	0	0
Boron Concentration (ppm)		1880	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	0	0	0	0
Steam Generator (WR) Levels (I)		-	65	65	65	65
Steam Generator Pressures (psig)		-	0	0	0	0
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		3.6	-	-	-	-
Temperature (°F)		106	-	-	-	-
Humidity (I)		99	-	-	-	-
Hydrogen Concentration (I vol)		0.0	-	-	-	-
Recirculation Sump Level (in)		119	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (I)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level (I)		33	-	-	-	-

PLANT PARAMETERS

Real Time	N/A (8/8/91)					
Relative Time	N/A	Plant Values	Loop 1 or A Values	Loop 2 or B Values	Loop 3 or C Values	Loop 4 or D Values
<u>PRIMARY SYSTEM</u>						
Reactor Power (%)		0	-	-	-	-
Reactor Vessel Level (%) - Natural Circulation		100	-	-	-	-
Reactor Coolant System (RCS) Pressure (psig)		10	-	-	-	-
Pressurizer Level (%)		50	-	-	-	-
Reactor Coolant System Temp. (°F)						
T _C (wide-range)		-	168	168	168	168
T _H (wide-range)		-	169	169	169	169
T _{AVG} (narrow-range)		-	530	530	530	530
Core Exit Thermocouple Temp. (°F)		169	-	-	-	-
Reactor Coolant Loop Flows (%)		-	0	0	0	0
Boron Concentration (ppm)		1954	-	-	-	-
<u>SECONDARY SYSTEMS</u>						
Main Steam Flow Rate (x10 ⁶ lbm/hr)		-	0.0	0.0	0.0	0.0
Steam Generator (WR) Levels (%)		-	65	65	65	65
Steam Generator Pressures (psig)		-	0	0	0	0
<u>CONTAINMENT BUILDING</u>						
Pressure (psig)		2.0	-	-	-	-
Temperature (°F)		95	-	-	-	-
Humidity (%)		99	-	-	-	-
Hydrogen Concentration (% vol)		0.0	-	-	-	-
Recirculation Sump Level (in)		119	-	-	-	-
<u>TANKS</u>						
Accumulator Levels (%)		-	0	0	0	0
Accumulator Pressures (psig)		-	140	140	140	140
Refueling Water Storage Tank Level (%)		33	-	-	-	-

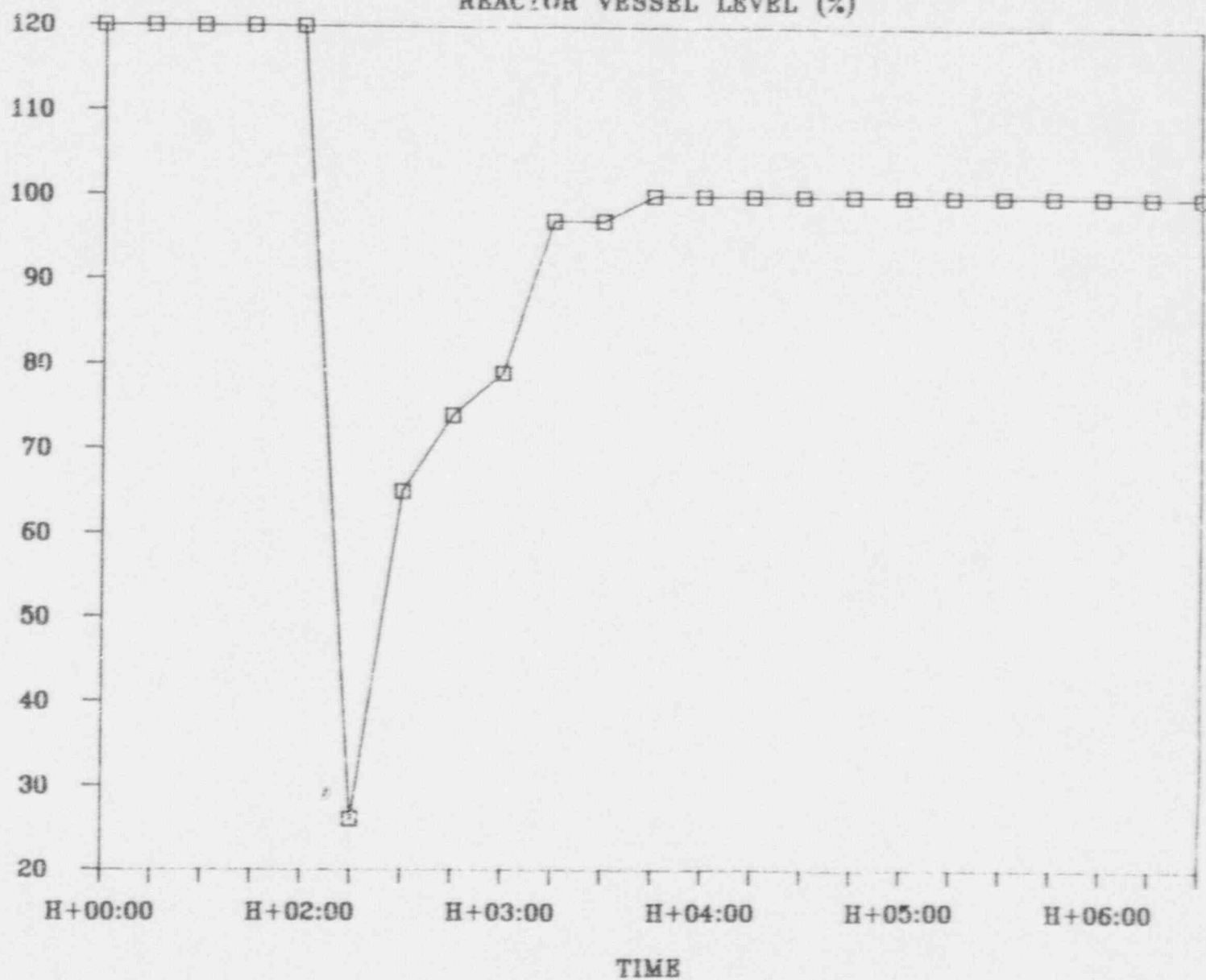
PLANT GRAPHS

Time-related plant parameters are provided in the following subsection. The data is depicted in graphic form versus time. The previous subsection, "Plant Parameters", depicts the same data in tabular form. These graphs may be used as a source of data for Control Room (CR) operators, by the CR Lead Controller, in case of simulator failure.

PLANT VALUES

PLANT PARAMETERS

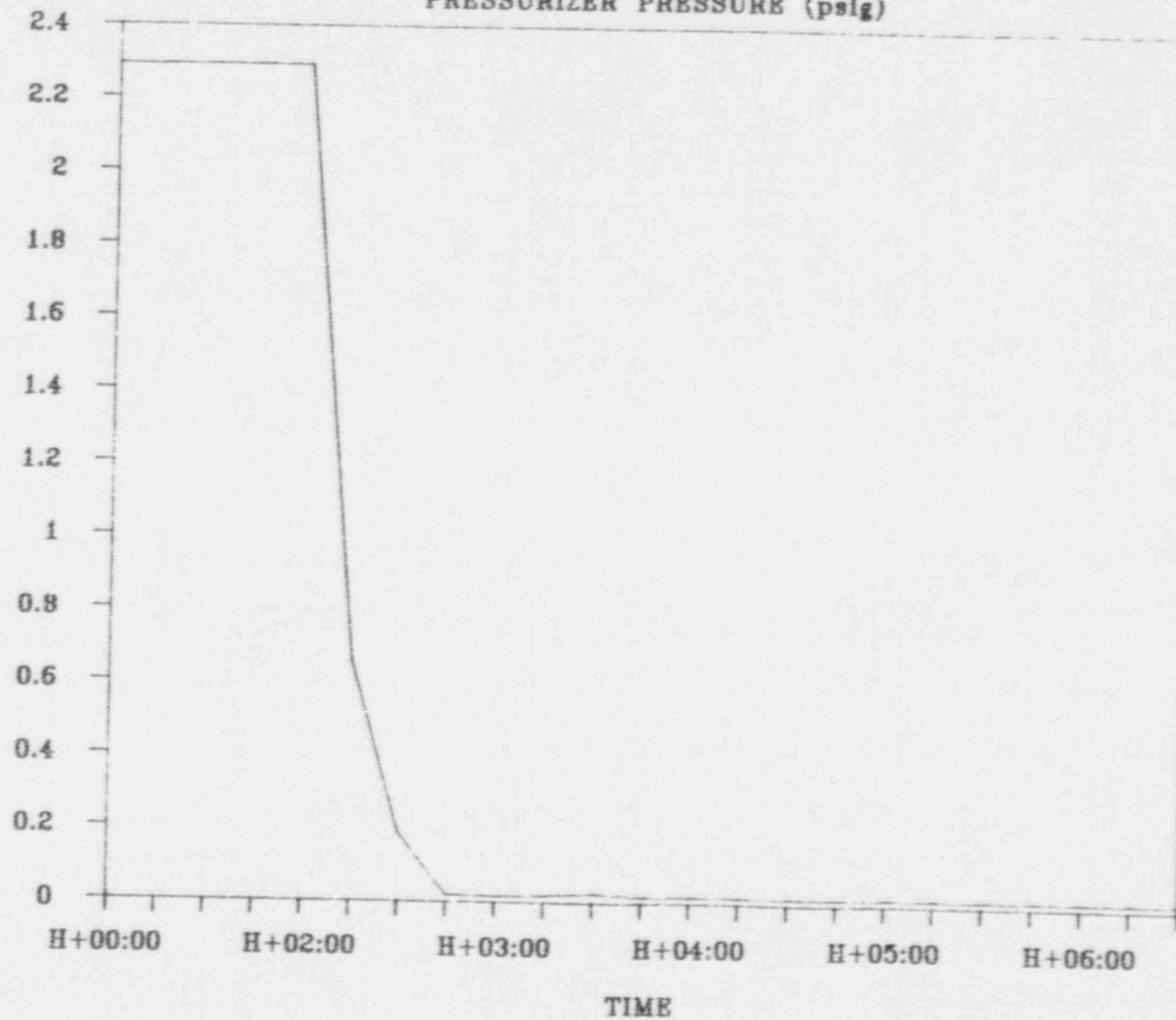
REACTOR VESSEL LEVEL (%)



PLANT VALUES
(Thousands)

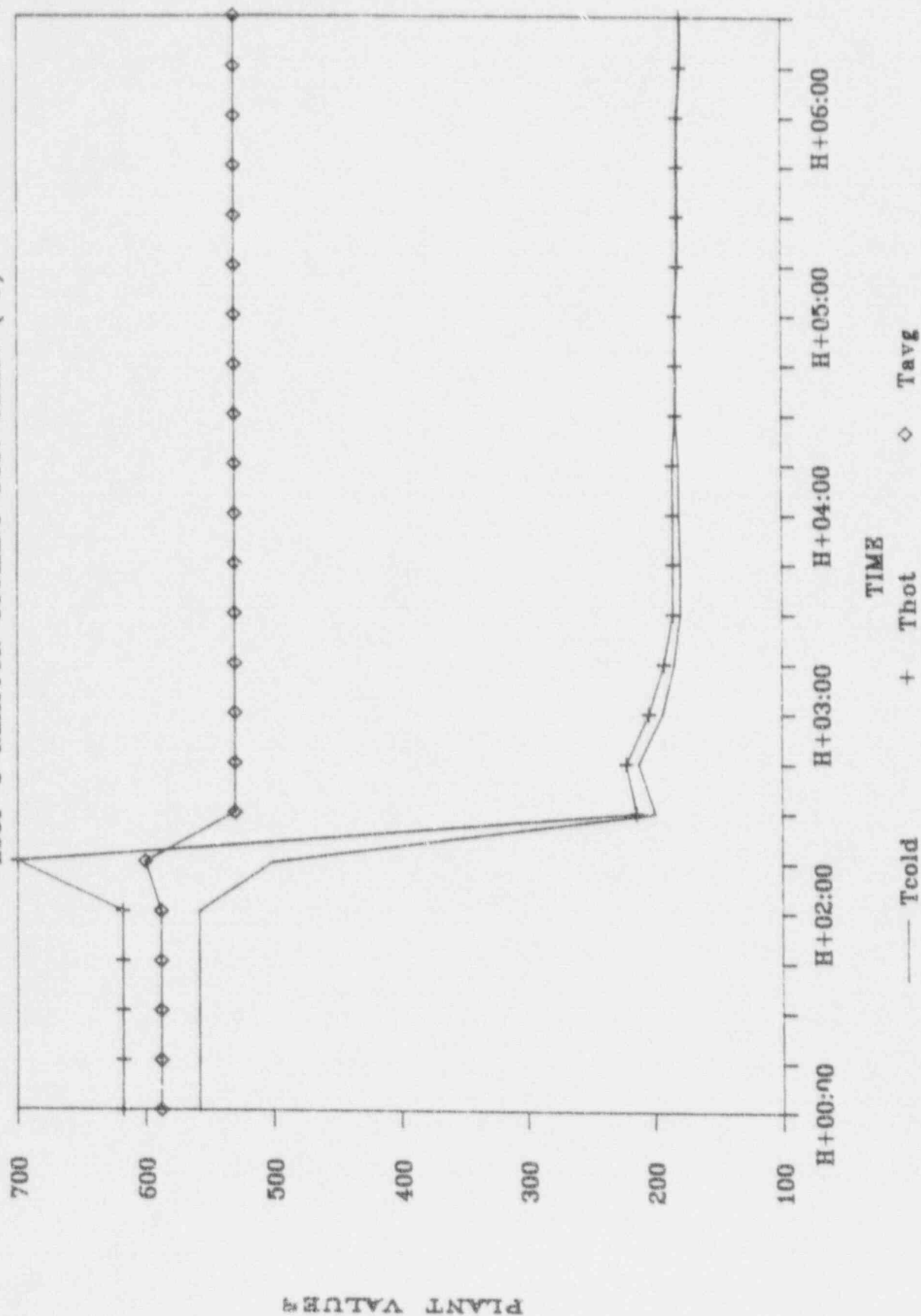
PLANT PARAMETERS

PRESSURIZER PRESSURE (psig)

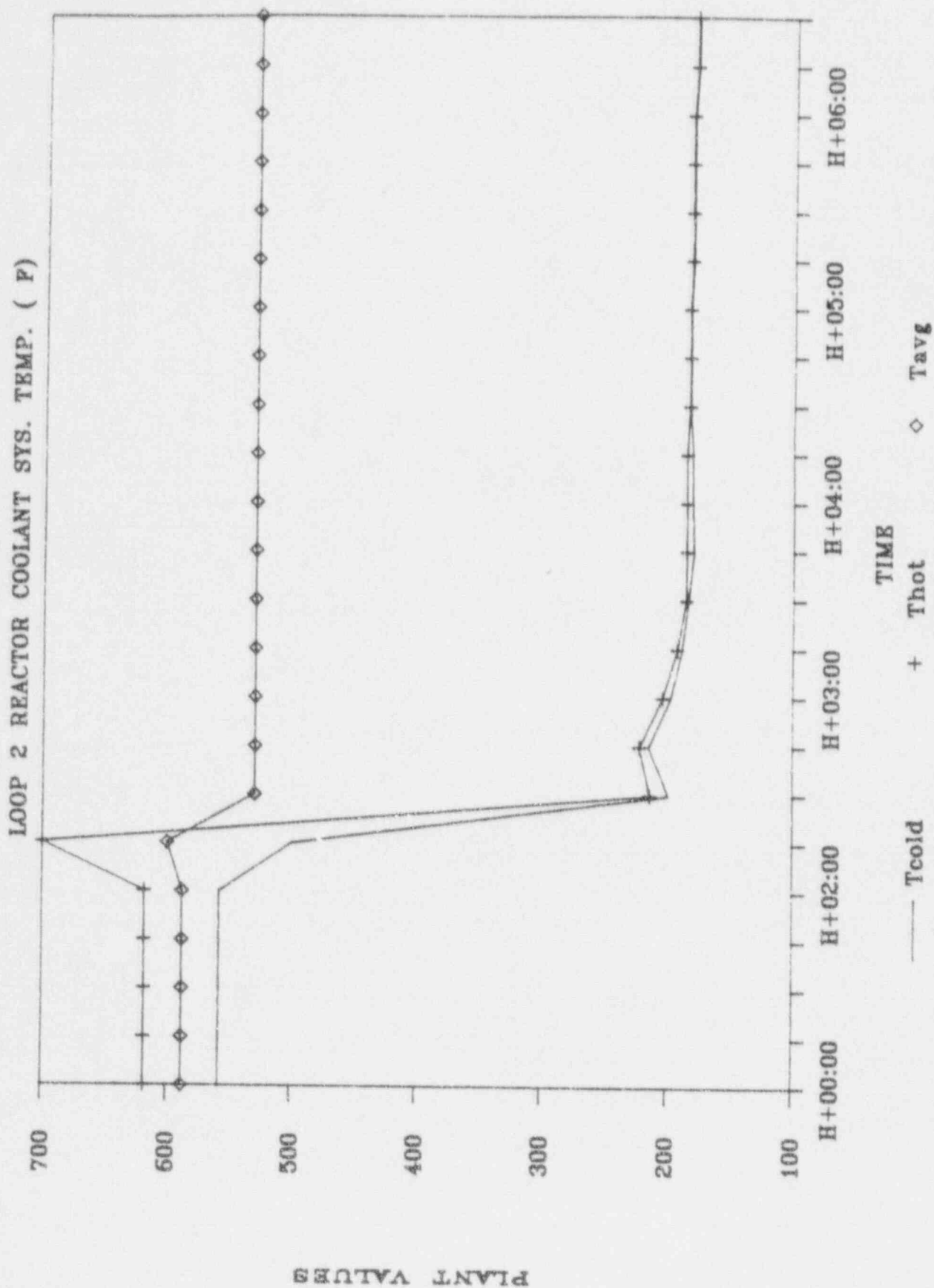


PLANT PARAMETERS

LOOP 1 REACTOR COOLANT SYS. TEMP. (F)

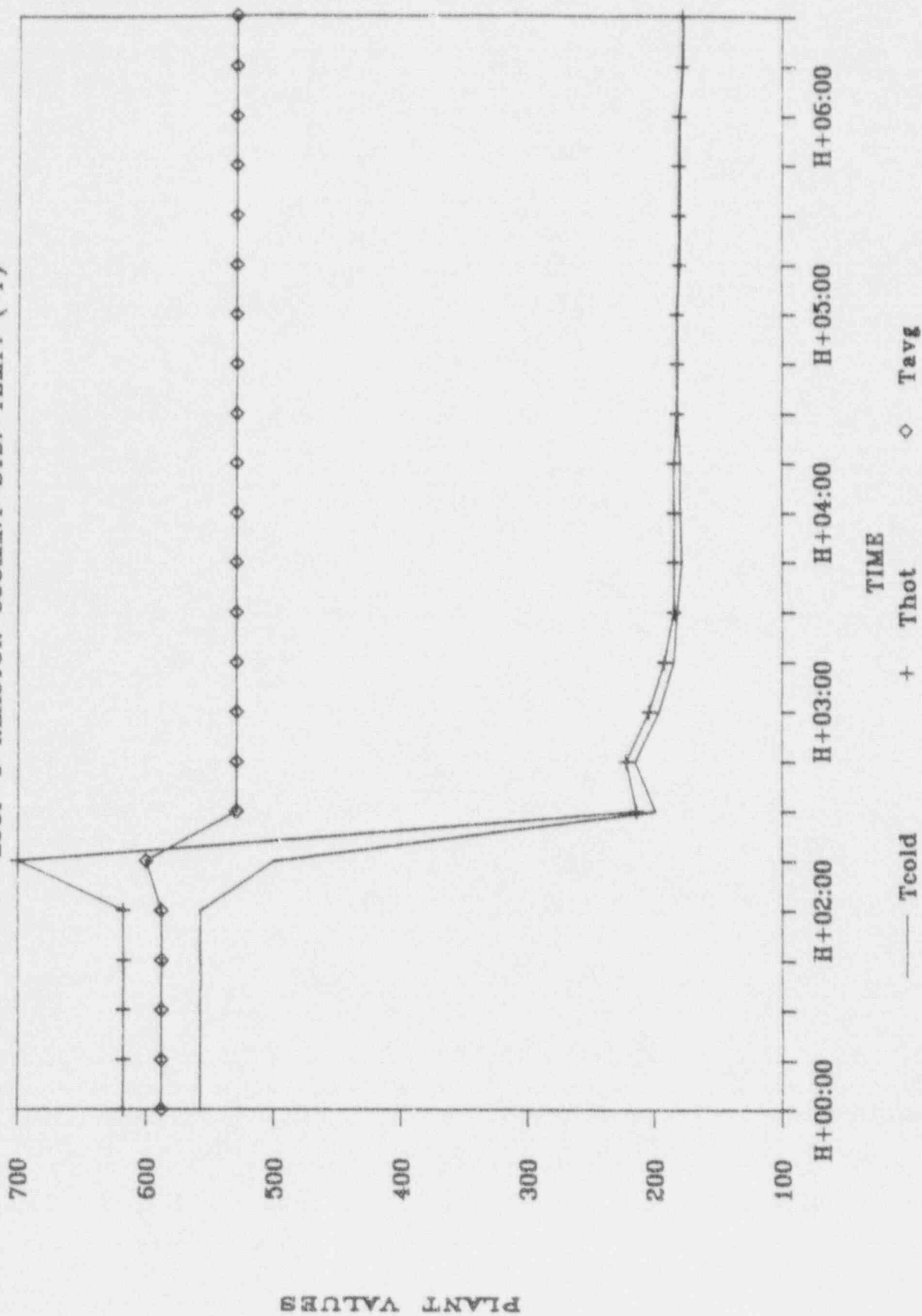


PLANT PARAMETERS



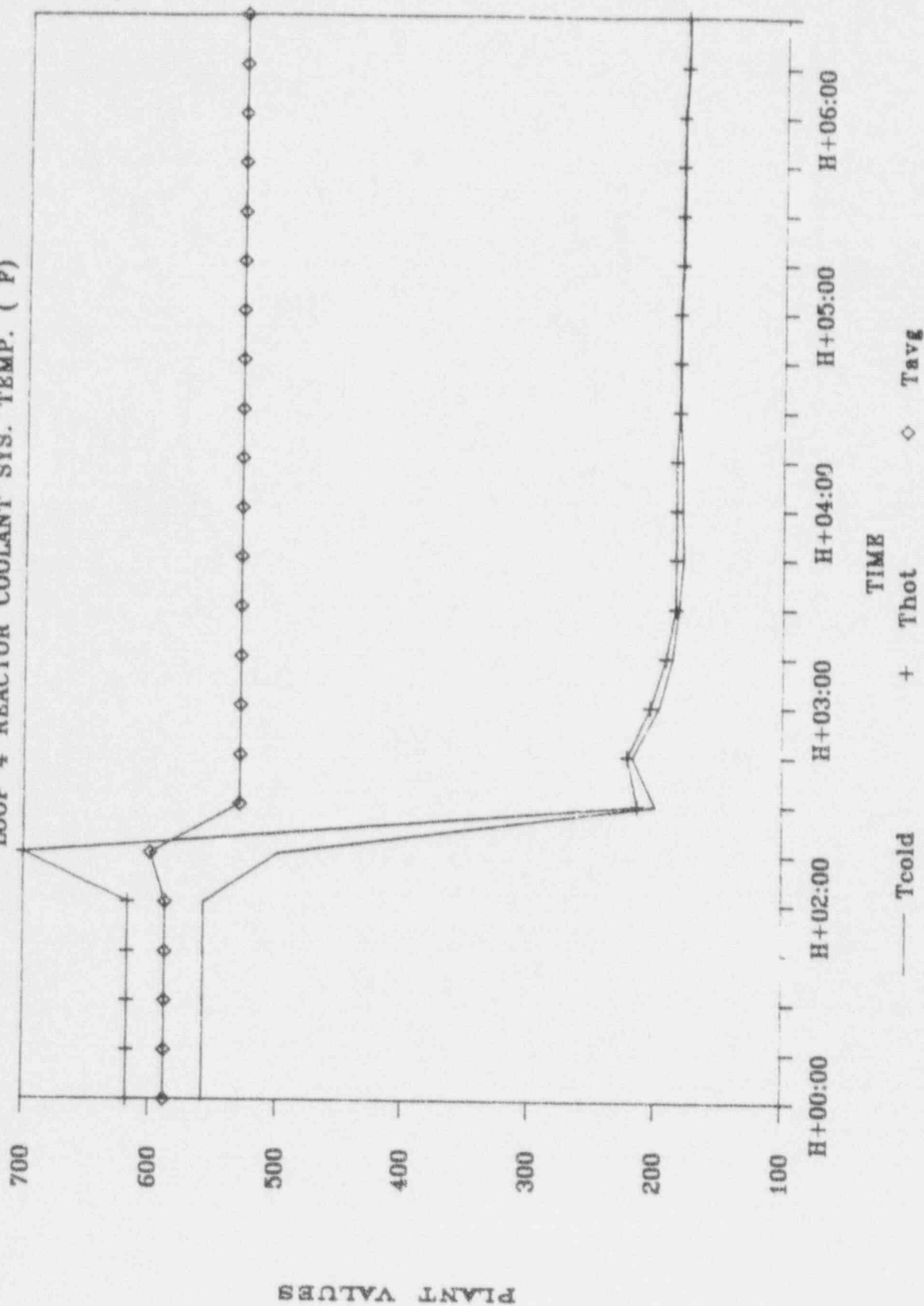
PLANT PARAMETERS

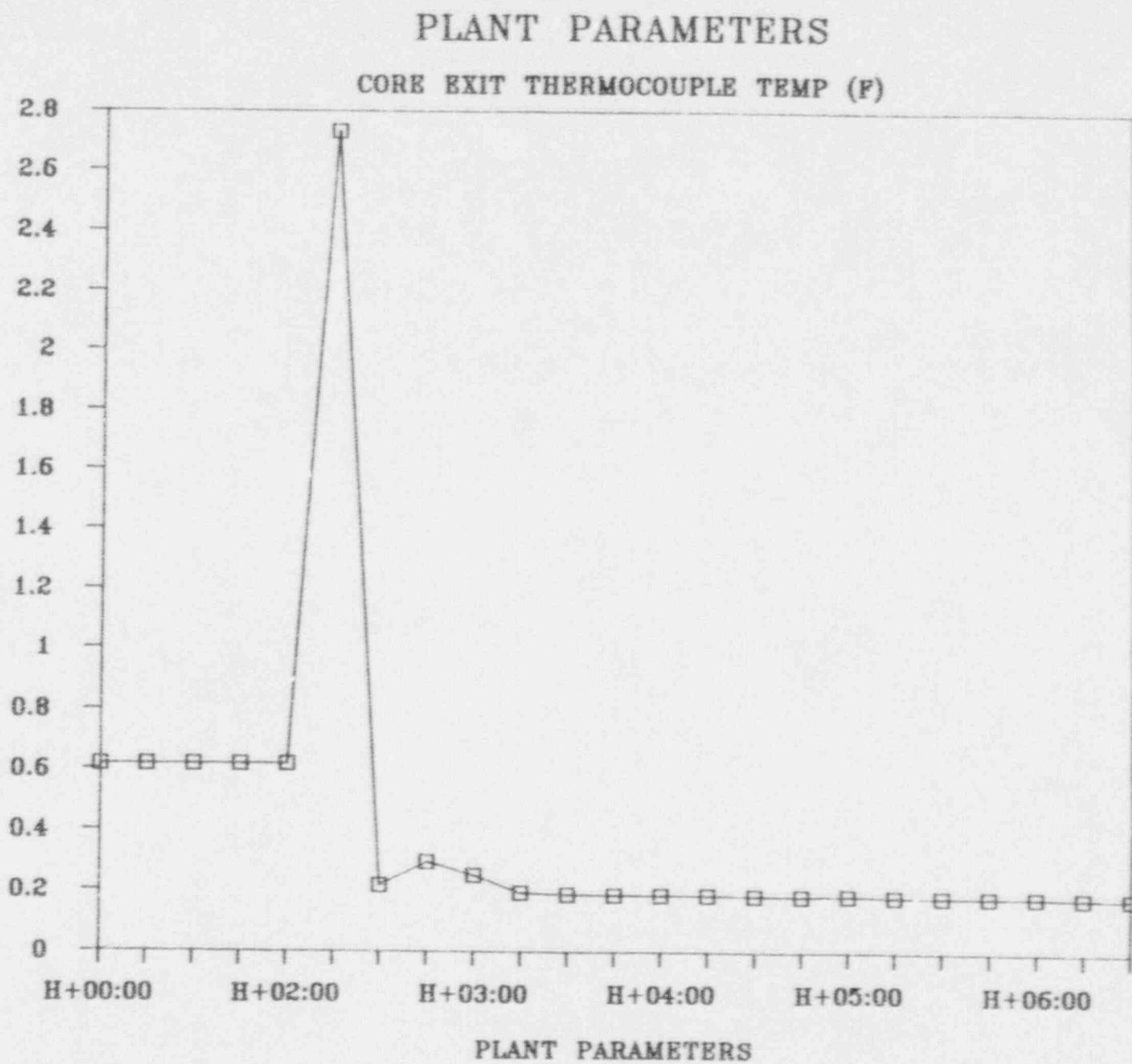
LOOP 3 REACTOR COOLANT SYS. TEMP. (F)

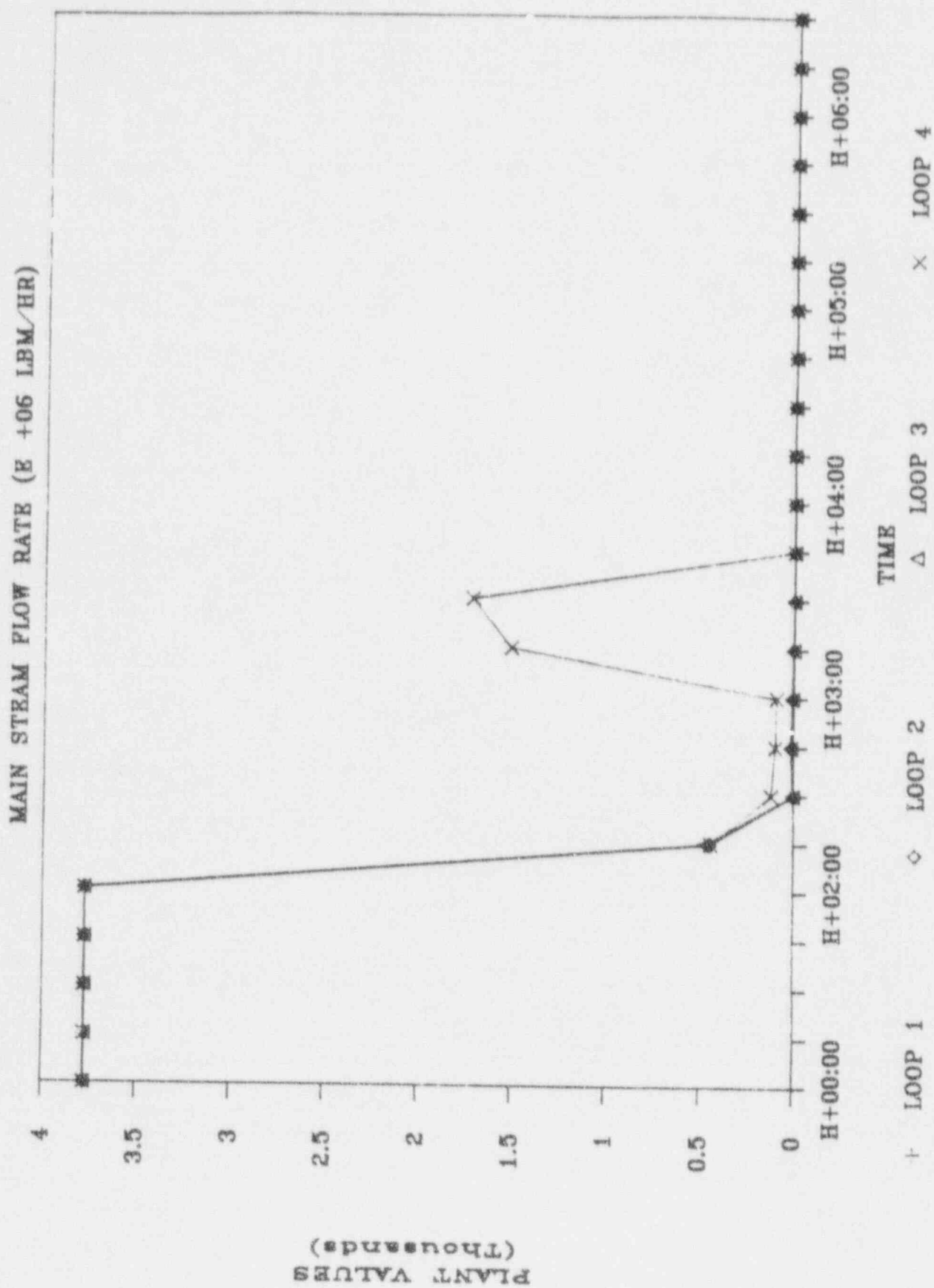


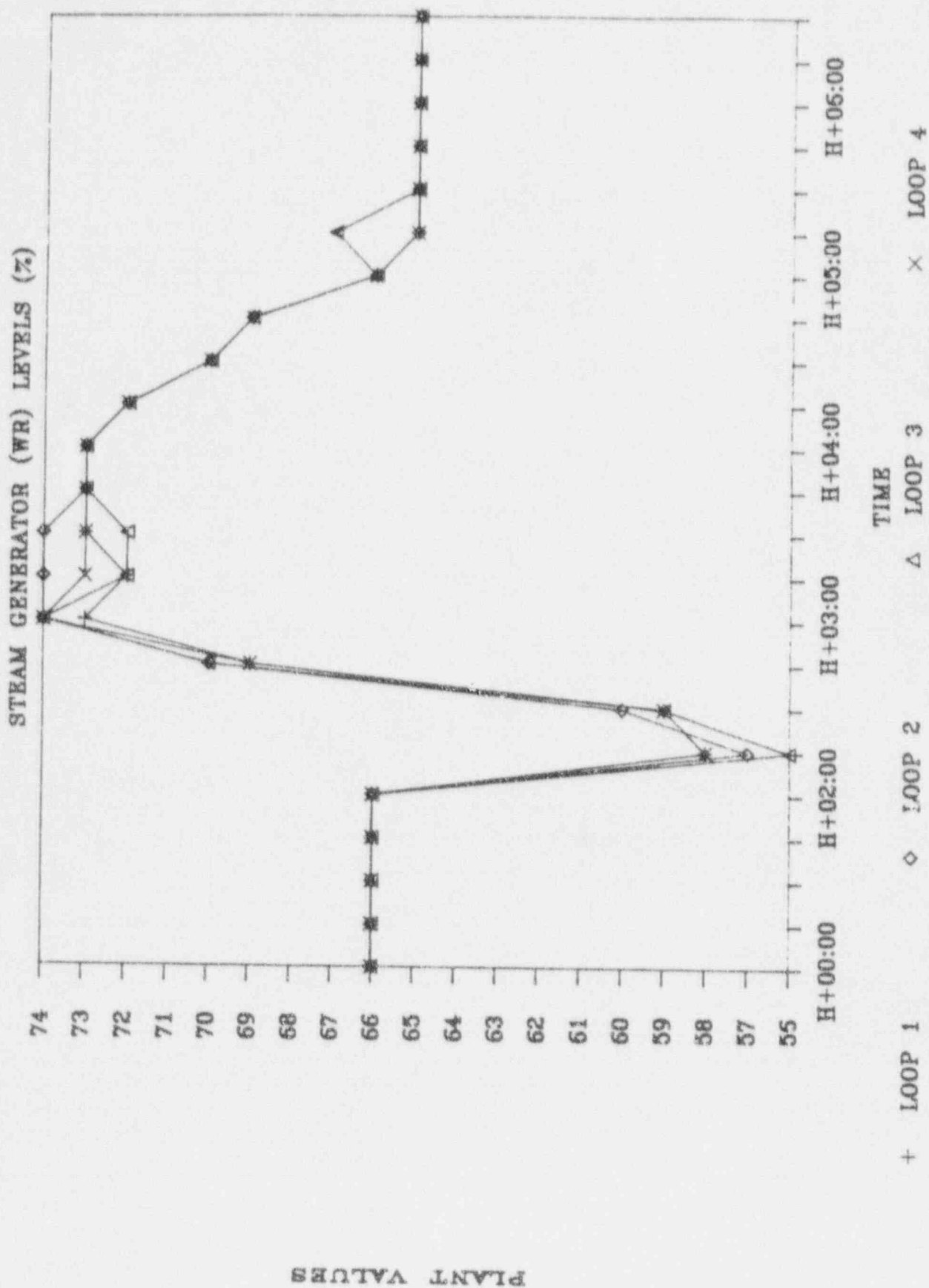
PLANT PARAMETERS

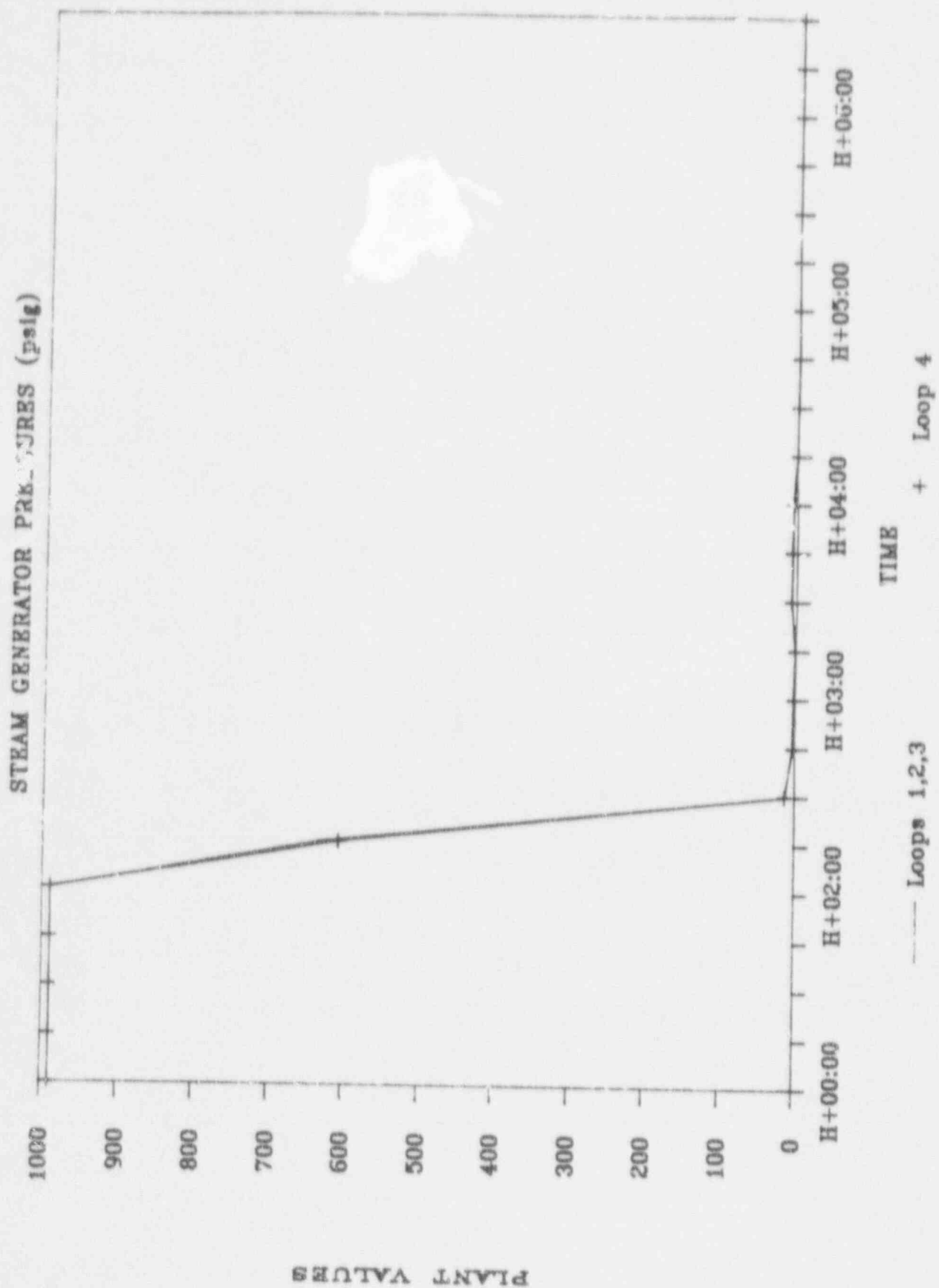
LOOP 4 REACTOR COOLANT SYS. TEMP. (F)

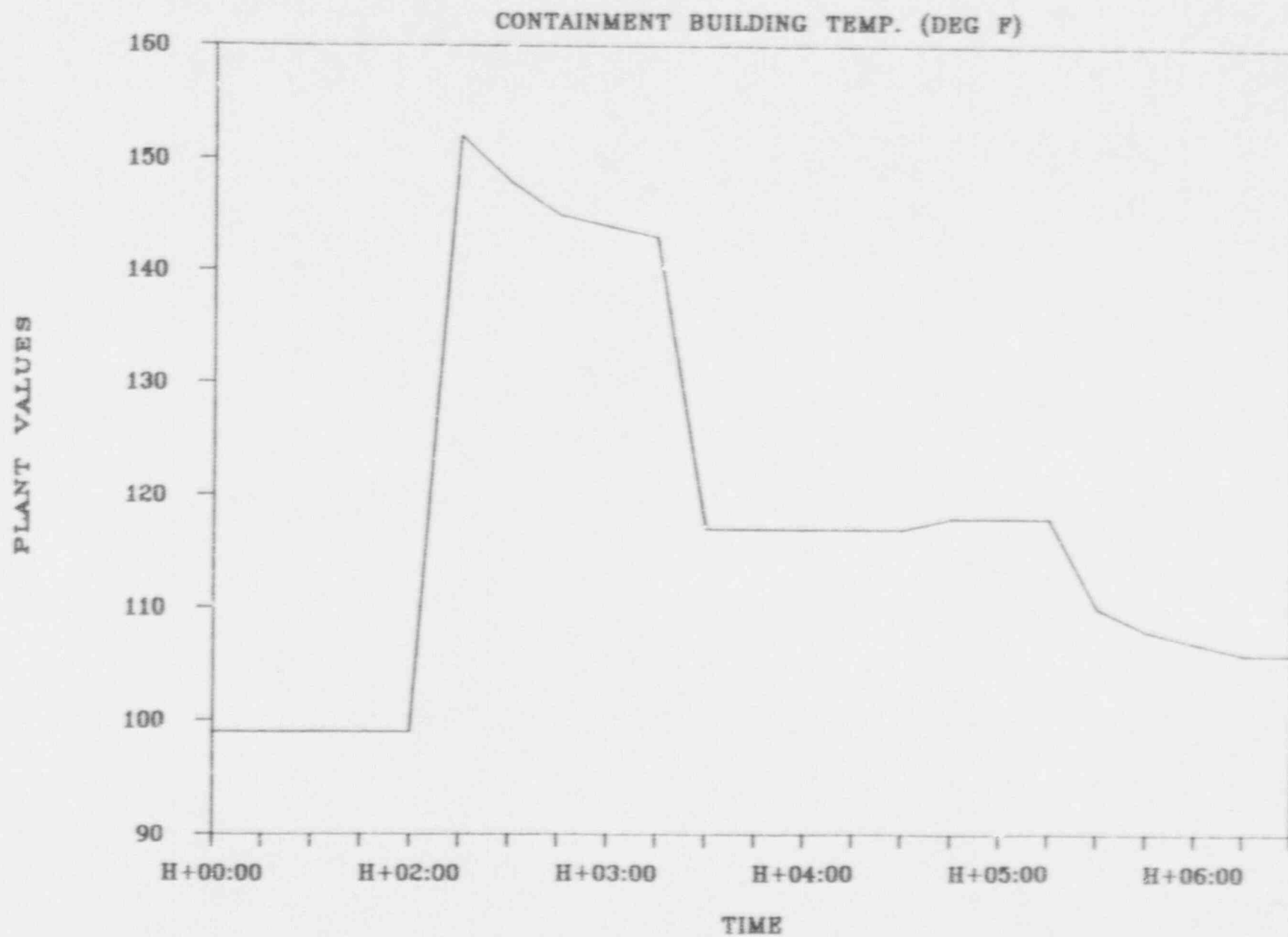


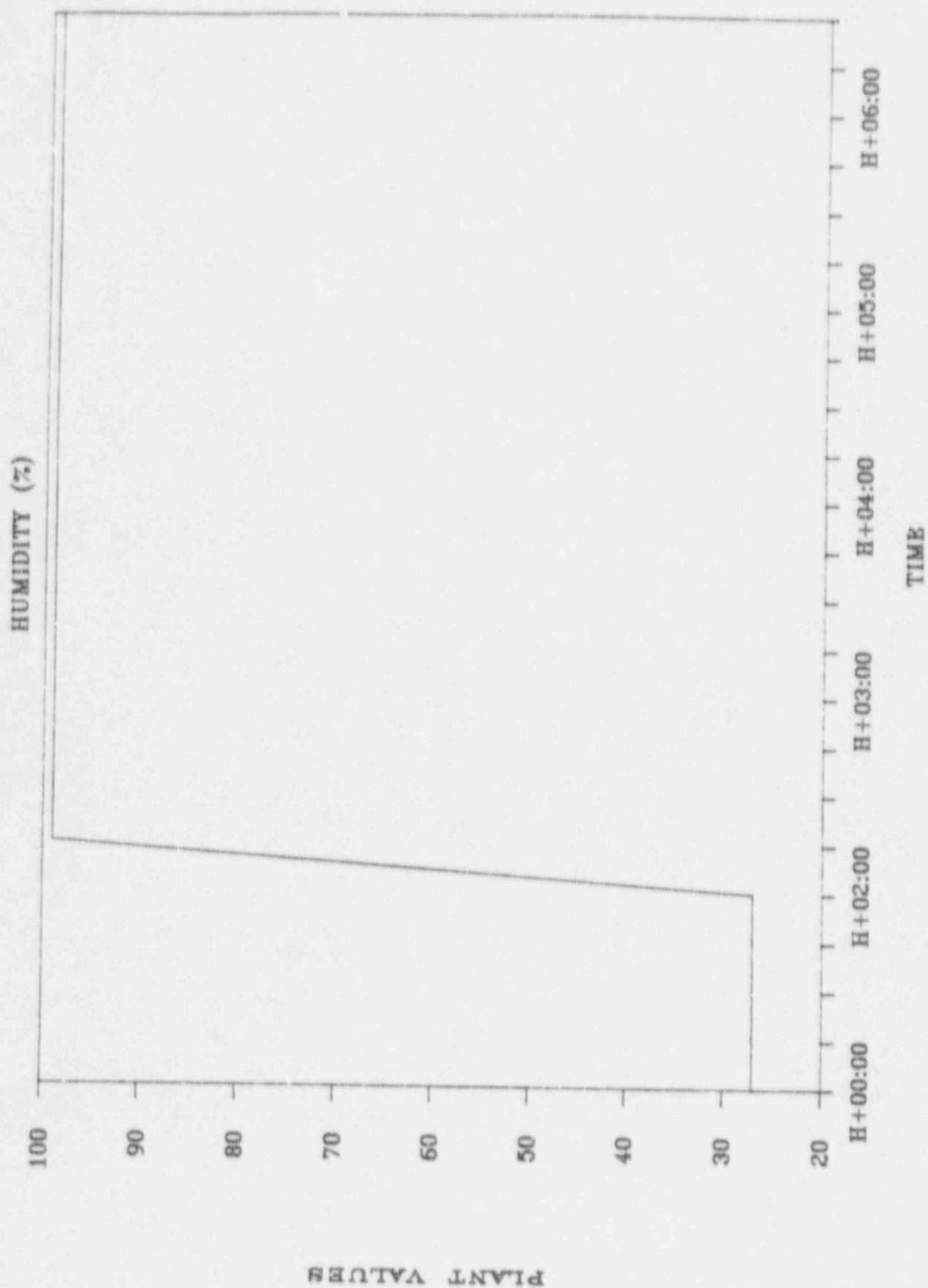
TIME
(Thousands)

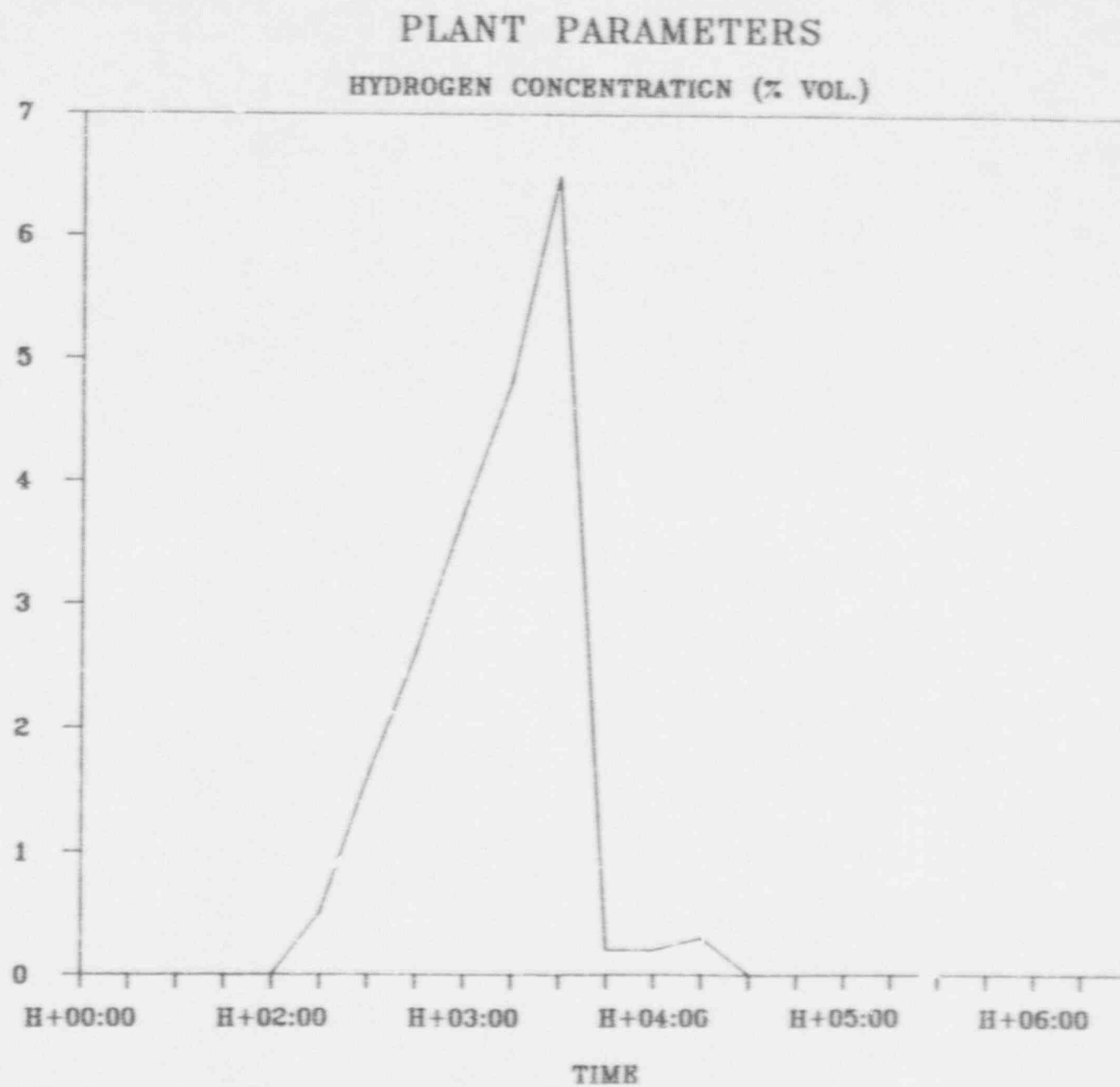






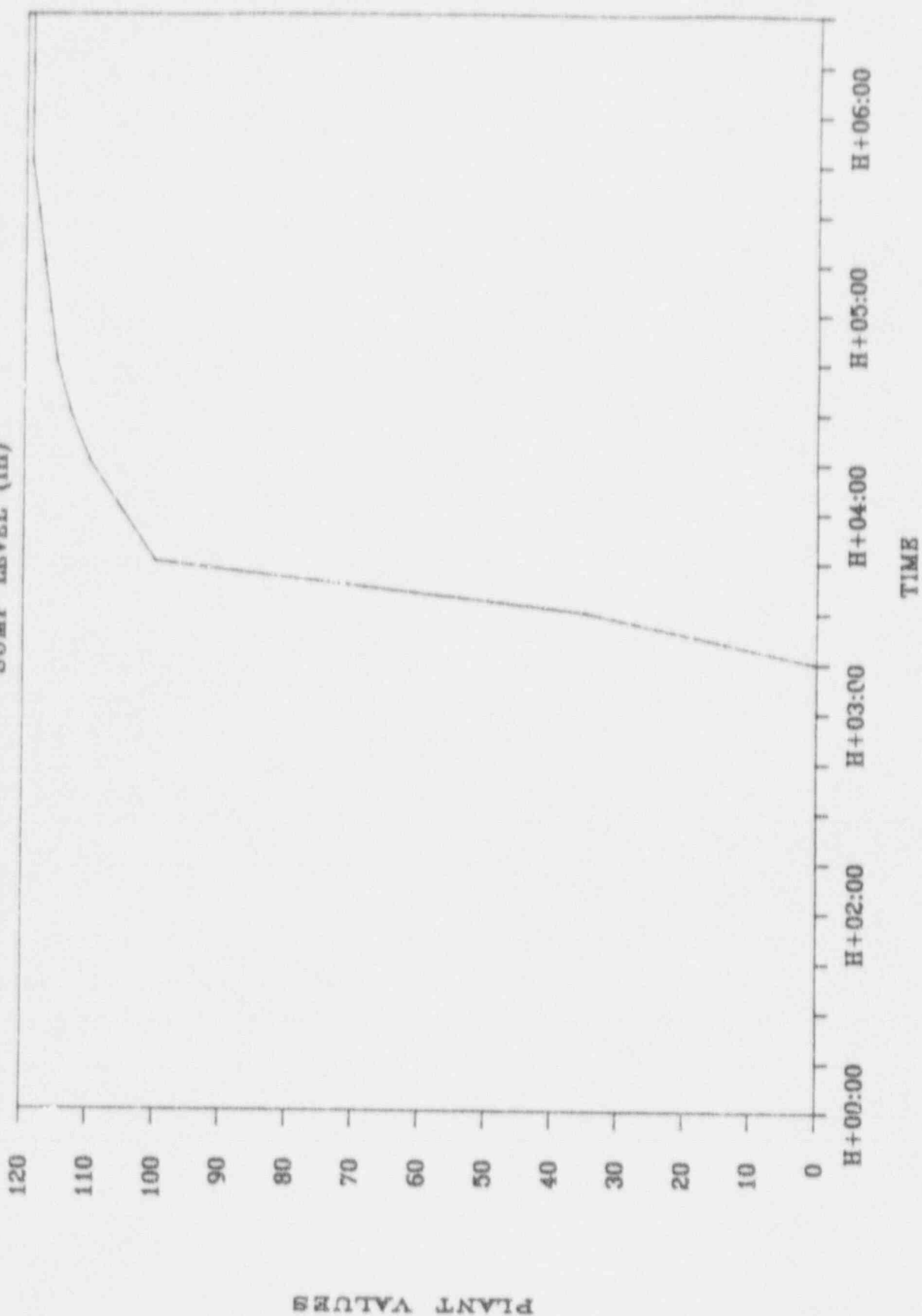






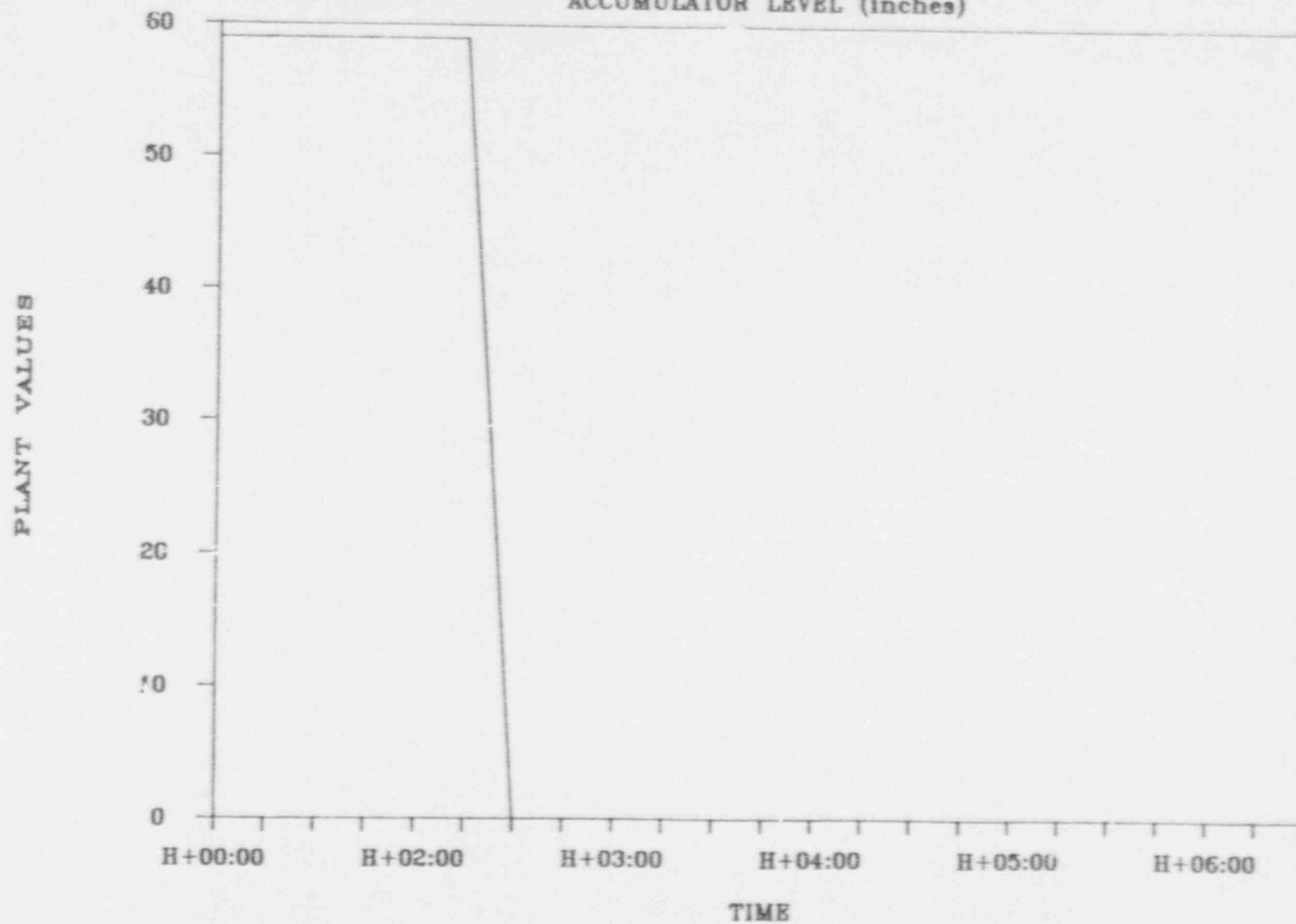
PLANT PARAMETERS

SUMP LEVEL (in)



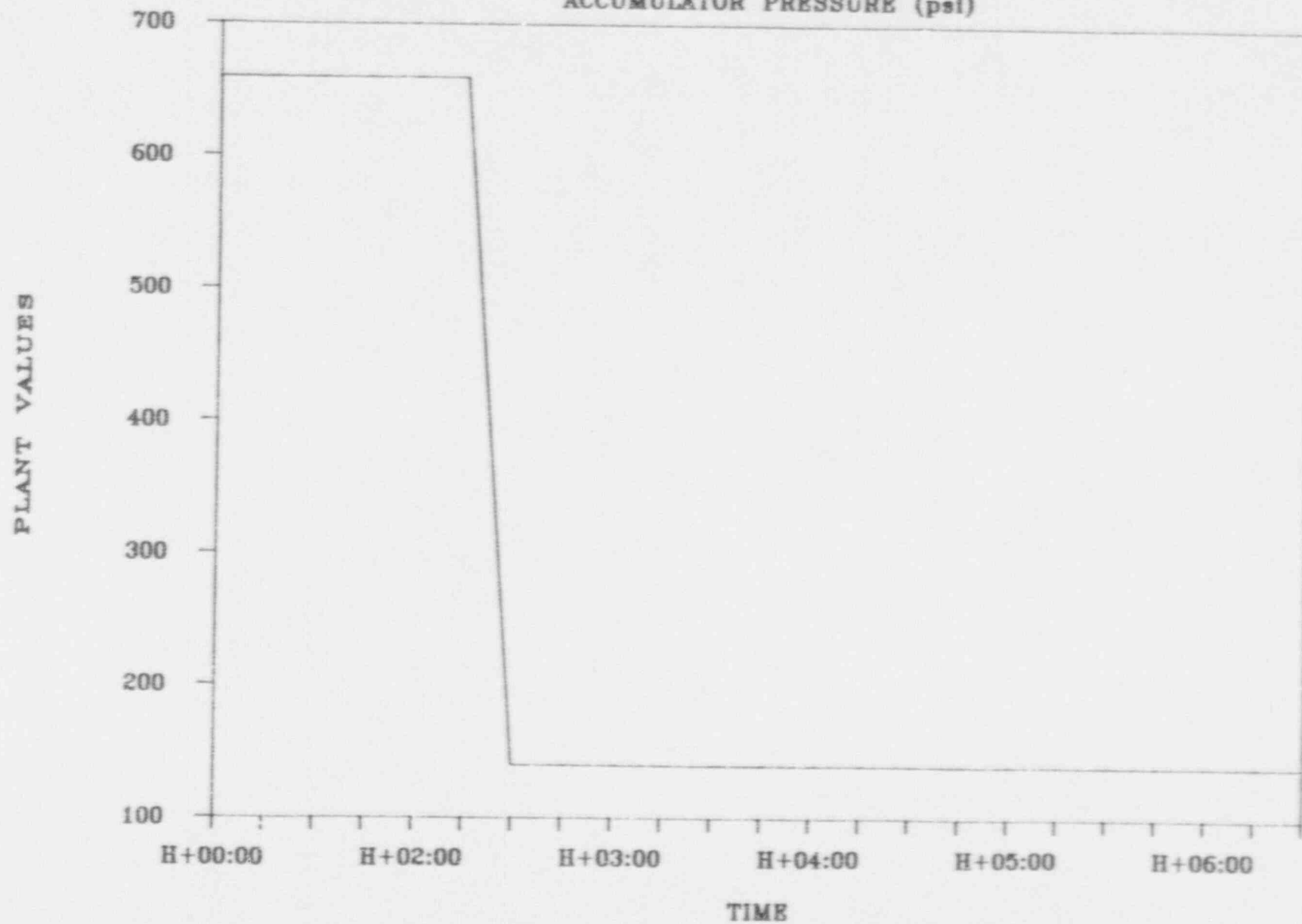
PLANT PARAMETERS

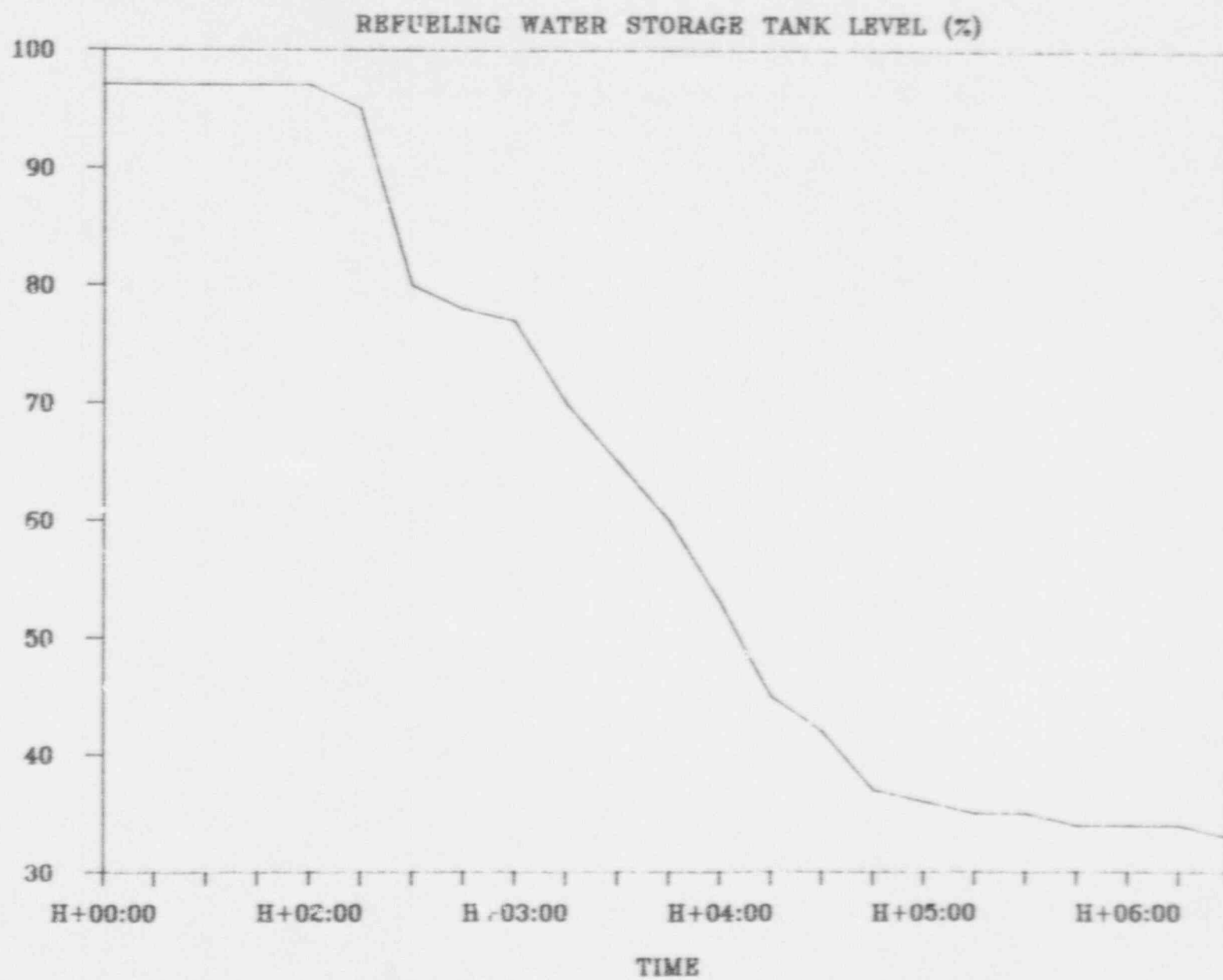
ACCUMULATOR LEVEL (Inches)



PLANT PARAMETERS

ACCUMULATOR PRESSURE (psi)





CORE DAMAGE ASSESSMENT

A precalculated core inventory necessary in assessing core damage is included in the following subsection.

The core inventory is a summation of curies present in the total mass of fuel pellets at the time of damage to the core. The inventory can be considered to be a corrected fuel pellet inventory for accident assessment purposes. Various assumptions utilized are listed on the following pages.

CORE DAMAGE ASSESSMENT

CORE INVENTORY

<u>Nuclide</u>	<u>Corrected Fuel Pellet Inventory (Ci)</u>
Kr-83M	1.41E+07
Kr-85M	3.21E+07
Kr-85	8.74E+05
Kr-87	5.15E+07
Kr-88	6.27E+07
Xe-133M	3.13E+06
Xe-133	2.45E+08
Xe-135M	6.67E+07
Xe-135	3.83E+08
Xe-138	2.41E+08
I-131	8.25E+07
I-132	1.02E+08
I-133	2.14E+08
I-134	2.31E+08
I-135	1.99E+08
Rb-88	6.13E+07
Ce-144	9.70E+07
Te-132	1.02E+08
Cs-134	8.62E+06
Cs-137	1.34E+07
Cs-138	5.32E+07
La-140	1.88E+08
La-142	2.01E+07
Ba-140	2.17E+08

CORE DAMAGE ASSESSMENT

- Assumptions:
1. Clad gap activities can be assumed to be 10.0% of fuel pellet activity for all isotopes except KR-85 which is 30% of core activity.
 2. Radioactive decay, time after shutdown, is a factor for accident assessment.
 3. Reactor coolant system volume is static at 10600 cu ft, $3.00\text{E}+08$ cc.

Results: Core damage should be assessed to be failure of greater than 50% fuel cladding and over-temperature conditions in 10% to 15% of the core. A zircaloy-water reaction occurs that is adequate to produce more than 4% hydrogen in the Containment Building.

SECTION 6.0

METEOROLOGICAL DATA

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METEOROLOGICAL DATA	6.1
FORECAST	6.6

METEOROLOGICAL DATA

(RRIS Met. Data Read Out)

Time

Real Relative (HRS:MIN)	0730 (H+00:00)	0800 (H+00:30)	0830 (H+01:00)	0845 (H+01:15)
Wind Speed (mi/hr)				
10m	9.2	9.9	10.3	9.3
35m	9.6	10.2	10.5	9.9
60m	11.0	10.5	10.9	10.0
Wind Direction (Deg)				
10m	325	326	324	325
35m	330	328	329	331
60m	330	330	332	334
Wind Direction Var. (Deg)				
10m	16.9	16.8	15.0	15.8
60m	14.3	14.2	13.7	13.6
Vert. Temp. Diff. (Deg C)				
10-35m	-0.40	-0.40	-0.40	-0.40
10-60m	-0.80	-0.79	-0.78	-0.79
10-85m	-1.21	-1.20	-1.20	-1.20
Dew Point (Deg C)				
10m	20	11	21	21
Ref. Temp. (Deg C)				
10m	21	21	21	22
Precipitation (Inches)	0.0	0.0	0.0	0.0
Stability Class	C	C	C	C

METEOROLOGICAL DATA

(RRIS Met. Data Read Out)

Time

Real Relative (HRS:MIN)	0900 (H+01:30)	0915 (H+01:45)	0930 (H+02:00)	0945 (H+02:15)
Wind Speed (mi/hr)				
10m	10.5	10.2	9.7	10.1
35m	10.6	10.4	10.1	10.5
60m	10.8	10.9	10.4	10.5
Wind Direction (Deg)				
10m	324	324	322	326
35m	327	329	326	332
60m	331	330	329	334
Wind Direction Var. (Deg)				
10m	15.8	16.2	16.3	16.1
60m	13.5	14.0	13.9	14.1
Vert. Temp. Diff. (Deg C)				
10-35m	-0.41	-0.41	-0.40	-0.40
10-60m	-0.80	-0.79	-0.79	-0.79
10-85m	-1.19	-1.19	-1.19	-1.19
Dew Point (Deg C)				
10m	21	21	22	22
Ref. Temp. (Deg C)				
10m	22	22	22	22
Precipitation (Inches)	0.0	0.0	0.0	0.0
Stability Class	C	C	C	C

METEOROLOGICAL DATA

(RRIS Met. Data Read Out)

Time

Real Relative (HRS:MIN)	1000 (H+02:30)	1015 (H+02:45)	1030 (H+03:00)	1045 (H+03:15)
Wind Speed (mi/hr)				
10m	9.6	9.8	10.2	10.1
35m	10.0	10.3	10.5	10.2
60m	10.1	10.5	10.7	10.8
Wind Direction (Deg)				
10m	326	328	328	328
35m	332	336	335	337
60m	337	340	341	342
Wind Direction Var. (Deg)				
10m	15.9	16.0	15.7	15.8
60m	13.7	13.8	14.0	13.3
Vert. Temp. Diff. (Deg C)				
10-35m	-0.40	-0.39	-0.40	-0.40
10-60m	-0.78	-0.78	-0.78	-0.79
10-85m	-1.18	-1.19	-1.18	-1.18
Dew Point (Deg C)				
10m	22	22	22	22
Ref. Temp. (Deg C)				
10m	22	23	22	23
Precipitation (Inches)	0.0	0.0	0.0	0.0
Stability Class	C	C	C	C

METEOROLOGICAL DATA

(RRIS Met. Data Read Out)

Time

Real Relative (HRS:MIN)	(Release for 60 min.)			
	1100 (H+03:30)	1115 (H+03:45)	1130 (H+04:00)	1145 (H+04:15)
Wind Speed (mi/hr)				
10m	9.9	10.3	9.8	10.3
35m	10.2	10.5	10.6	10.8
60m	10.5	10.6	10.7	10.9
Wind Direction (Deg)				
10m	326	328	327	328
35m	335	336	338	340
60m	339	343	342	347
Wind Direction Var. (Deg)				
10m	15.7	15.0	15.6	16.0
60m	13.4	13.3	13.9	13.8
Vert. Temp. Diff. (Deg C)				
10-35m	-0.39	-0.39	-0.39	-0.40
10-60m	-0.78	-0.78	-0.77	-0.78
10-85m	-1.18	-1.18	-1.17	-1.17
Dew Point (Deg C)				
10m	22	23	23	23
Ref. Temp. (Deg C)				
10m	23	23	24	24
Precipitation (Inches)	0.0	0.0	0.0	0.0
Stability Class	C	C	C	C

METEOROLOGICAL DATA

(RRIS Met. Data Read Out)

Time

Real Relative (HRS:MIN)	1200 (H+04:30)	1215 (H+04:45)	1230 (H+05:00)	1245 (H+05:15+)
Wind Speed (mi/hr)				
10m	10.3	10.1	10.0	11.1
35m	10.6	11.2	11.3	11.3
60m	10.9	11.9	11.8	11.5
Wind Direction (Deg)				
10m	329	330	328	328
35m	336	338	337	337
60m	341	343	341	340
Wind Direction Var. (Deg)				
10m	15.2	15.5	15.5	15.3
60m	13.2	13.7	13.1	13.0
Vert. Temp. Diff. (Deg C)				
10-35m	-0.39	-0.39	-0.39	-0.39
10-60m	-0.78	-0.78	-0.78	-0.77
10-85m	-1.17	-1.17	-1.17	-1.17
Dew Point (Deg C)				
10m	24	23	24	23
Ref. Temp. (Deg C)				
10m	24	24	24	24
Precipitation (Inches)	0.0	0.0	0.0	0.0
Stability Class	C	C	C	C

FORECAST FOR 8/07/91

Cloudy and cooler; high of 75°; 60% chance of occasional light rain ending later in the day; winds steady, out of the NW at 10-12 mph.

FORECAST FOR 8/08/91

Partly cloudy; high of 77°; no chance of precipitation; winds steady out of the NW at 8-10 mph.

FORECAST FOR 8/10/91

Sunny; high of 85°; no chance of precipitation; winds out of the SW at 10-15 mph.

FORECAST FOR 8/16/91

Cloudy; high of 90°; 70% chance of strong late afternoon thunderstorms; winds out of the S/SW at 15-20 mph.

SECTION 7.0

ONSITE RADIOLOGICAL PARAMETERS

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PROCESS RADIOCHEMISTRY

Time-related process radiochemistry is provided in the following subsection. Concentration data is provided by isotope in units of $\mu\text{Ci/cc}$ for the reactor coolant system (RCS) and as it fills the containment sump. Containment atmosphere and plant unit vent concentrations are also included.

Isotopic concentrations are determined using the radiation monitoring system as a reference. All samples are analyzed at atmospheric pressure (14.7 psia) and temperature. Concentrations will change significantly if referenced from a different pressure or temperature.

Time frames at the top of the page are based on the time at which the sample is collected, not when it was analyzed.

A time delay of at least 30 minutes should be allowed from the time a post-accident sampling system (PASS) sample is collected to when the sample is analyzed and results are obtained.

PROCESS RADICCHEMISTRY

RCS Coolant Pass Samples (All Quantities in uCi/cc Corrected to STP)

Time	Real Relative	07:30-09:15 (H+0:00-1:45)	09:30 (H+2:00)	09:45 (H+2:15)	10:00 (H+2:30)	10:15-13:00 (H+2:45-H+5:30)
<u>Nuclide</u>						
Kr-85m		1.61E-02	6.70E+03	1.06E+04	1.02E+04	Not able to get PASS sample
Kr-87		1.40E-02	9.77E+03	1.39E+04	1.21E+04	Not able to get PASS sample
Kr-88		3.07E-02	1.28E+04	1.97E+04	1.86E+04	Not able to get PASS sample
Xe-133m		8.75E-03	6.76E+02	1.10E+03	1.10E+03	Not able to get PASS sample
Xe-133		4.64E-01	5.30E+04	8.73E+04	8.73E+04	Not able to get PASS sample
Xe-135m		9.74E-02	7.35E+03	6.09E+03	3.09E+03	Not able to get PASS sample
Xe-135		8.25E-02	1.79E+05	1.34E+05	1.33E+05	Not able to get PASS sample
<u>Total Noble Gas</u>		7.13E-01	2.69E+05	2.73E+05	2.65E+05	Not able to get PASS sample
I-131		1.82E-03	3.58E+03	2.94E+04	2.93E+04	Not able to get PASS sample
I-132		6.75E-03	4.10E+03	3.12E+04	2.89E+04	Not able to get PASS sample
I-133		6.52E-03	9.19E+03	7.50E+04	7.44E+04	Not able to get PASS sample
I-134		1.15E-02	8.21E+03	5.54E+04	4.55E+04	Not able to get PASS sample
I-135		9.30E-03	8.40E+03	6.74E+04	6.56E+04	Not able to get PASS sample
<u>Total Iodine</u>		3.59E-02	3.35E+04	2.58E+05	2.44E+05	Not able to get PASS sample
<u>Dose Eq. Iodine</u>		4.80E-03	6.38E+03	5.74E+04	5.67E+04	Not able to get PASS sample
Rb-88		7.22E-03	7.96E+03	2.04E+04	1.98E+04	Not able to get PASS sample
Cs-134		2.90E-04	5.60E+02	2.76E+03	2.76E+03	Not able to get PASS sample
Cs-137		1.61E-04	8.71E+02	4.30E+02	4.30E+02	Not able to get PASS sample
Ce-144		1.15E-07	1.62E-02	7.77E+01	7.77E+01	Not able to get PASS sample
La-140		1.78E-06	4.07E+00	1.50E+02	1.50E+02	Not able to get PASS sample
Ba-140		2.15E-03	4.71E+00	1.74E+02	1.74E+02	Not able to get PASS sample
<u>Total Particulate</u>		9.82E-03	9.39E+03	2.79E+04	2.73E+04	Not able to get PASS sample
<u>TOTAL ACTIVITY</u>		7.68E-01	3.08E+05	5.59E+05	5.36E+05	Not able to get PASS sample

PROCESS RADIOCHEMISTRY

Containment Sump PASS Samples (All quantities in uCi/cc Corrected to STP)

Time	Real Relative	10:00 (H+2:30)	10:15 (H+2:45)	10:30 (H+3:00)	10:45 (H+3:15)	11:00 (H+3:30)	11:15 (H+3:45)	11:30 (H+4:00)	11:45 (H+4:15)
<u>Nuclide</u>									
Kr-85m		1.70E+00	1.19E+00	1.18E+00	9.40E-01	8.43E-01	8.74E-01	8.39E-01	8.09E-01
Kr-87		2.24E+00	1.42E+00	1.28E+00	9.24E-01	8.01E-01	7.06E-01	6.15E-01	5.37E-01
Kr-88		3.18E+00	2.17E+00	2.11E+00	1.64E+00	1.54E+00	1.46E+00	1.37E+00	1.29E+00
Xe-133m		1.78E-01	1.28E-01	1.32E-01	1.09E-01	1.08E-01	1.09E-01	1.08E-01	1.08E-01
Xe-133		1.41E+01	1.02E+01	1.05E+01	8.73E+00	8.67E+00	8.76E+00	8.74E+00	8.75E+00
Xe-135m		9.81E-01	3.60E-01	1.89E-01	7.94E-02	4.00E-02	2.05E-02	1.04E-02	5.25E-03
Xe-135		2.16E+01	1.55E+01	1.59E+01	1.30E+01	1.28E+01	1.28E+01	1.27E+01	1.26E+01
<u>Total Noble Gas</u>		4.40E+01	3.10E+01	3.13E+01	2.55E+01	2.51E+01	2.48E+01	2.44E+01	2.41E+01
I-131		2.87E+04	2.85E+04	2.85E+04	3.18E+04	3.67E+04	3.17E+04	2.99E+04	2.93E+04
I-132		3.05E+04	2.81E+04	2.61E+04	2.70E+04	2.89E+04	2.33E+04	1.97E+04	1.84E+04
I-133		7.35E+04	7.23E+04	7.19E+04	7.94E+04	9.10E+04	7.83E+04	7.11E+04	7.11E+04
I-134		5.43E+04	4.42E+04	3.63E+04	3.32E+04	3.15E+04	2.24E+04	1.69E+04	1.39E+04
I-135		6.60E+04	6.38E+04	6.22E+04	6.76E+04	7.60E+04	6.23E+04	5.73E+04	5.63E+04
<u>Total Iodine</u>		2.53E+05	2.37E+05	2.25E+05	2.39E+05	2.64E+05	2.20E+05	1.94E+05	1.89E+05
<u>Dose Eq. Line</u>		5.61E+04	5.51E+04	5.47E+04	6.05E+04	6.92E+04	5.93E+04	5.49E+04	5.41E+04
Rb-88		1.82E+04	1.74E+04	1.65E+04	1.56E+04	1.48E+04	1.40E+04	1.32E+04	1.24E+04
Cs-134		2.47E+03	2.42E+03	2.40E+03	2.38E+03	2.38E+03	2.38E+03	2.38E+03	2.39E+03
Cs-137		3.84E+03	3.77E+03	3.74E+03	3.71E+03	3.71E+03	3.72E+03	3.71E+03	3.72E+03
Ce-144		6.94E+01	6.81E+01	6.76E+01	6.70E+01	6.71E+01	6.71E+01	6.71E+01	6.71E+01
La-140		1.34E+02	1.32E+02	1.31E+02	1.30E+02	1.30E+02	1.28E+02	1.27E+02	1.26E+02
Ba-140		1.55E+02	1.50E+02	1.51E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02	1.50E+02
<u>Total Particulate</u>		2.49E+04	2.39E+04	2.30E+04	2.20E+04	2.12E+04	2.04E+04	1.96E+04	1.89E+04
<u>TOTAL ACTIVITY</u>		2.78E+05	2.61E+05	2.48E+05	2.61E+05	2.85E+05	2.40E+05	2.14E+05	2.08E+05

PROCESS RADIOCHEMISTRY

Containment Sump PASS Samples (All quantities in uCi/cc Corrected to STP)

Time	Real Relative	12:00 (H+4:30)	12:15 (H+4:45)	12:30 (H+5:00)	12:45 (H+5:15)	13:00 (H+5:30)	13:15 (H+5:45)	13:30 (H+6:00)
<u>Nuclide</u>								
Kr-85m		7.78E-01	7.49E-01	7.20E-01	6.86E-01	6.58E-01	6.35E-01	6.12E-01
Kr-87		4.68E-01	4.08E-01	3.56E-01	3.07E-01	2.68E-01	2.34E-01	2.04E-01
Kr-88		1.22E+00	1.15E+00	1.08E+00	1.00E+00	9.42E-01	8.88E-01	8.37E-01
Xe-133m		1.08E-01	1.08E-01	1.07E-01	1.06E-01	1.05E-01	1.05E-01	1.04E-01
Xe-133		8.76E+00	8.75E+00	8.75E+00	8.66E+00	8.64E+00	8.65E+00	8.67E+00
Xe-135m		2.67E-03	1.36E-03	6.96E-04	3.41E-04	1.79E-04	8.82E-04	4.40E-04
Xe-135		1.24E+01	1.23E+01	1.22E+01	1.19E+01	1.18E+01	1.17E+01	1.15E+01
<u>Total Noble Gas</u>		2.38E+01	2.35E+01	2.32E+01	2.27E+01	2.24E+01	2.22E+01	2.20E+01
I-131		2.92E+04	2.94E+04	3.12E+04	3.12E+04	3.14E+04	3.10E+04	3.09E+04
I-132		1.71E+04	1.60E+04	1.57E+04	1.46E+04	1.36E+04	1.25E+04	1.15E+04
I-133		7.05E+04	7.04E+04	7.42E+04	7.34E+04	7.34E+04	7.19E+04	7.12E+04
I-134		1.14E+04	9.46E+03	8.24E+03	6.76E+03	5.58E+03	4.53E+03	3.71E+03
I-135		5.48E-04	5.38E+04	5.56E+04	5.41E+04	5.31E+04	5.11E+04	4.97E+04
<u>Total Iodine</u>		1.83E+05	1.79E+05	1.82E+05	1.80E+05	1.77E+05	1.71E+05	1.67E+05
<u>Dose Eq. Iodine</u>		5.36E+04	5.37E+04	5.06E+04	5.62E+04	5.63E+04	5.52E+04	5.48E+04
Rb-88		1.17E+04	1.11E+04	1.05E+04	9.80E+03	9.39E+03	8.58E+03	8.07E+03
Cs-134		2.40E+03	2.40E+03	2.43E+03	2.40E+03	2.45E+03	2.38E+03	2.37E+03
Cs-137		3.73E+03	3.74E+03	3.79E+03	3.74E+03	3.81E+03	3.70E+03	3.71E+03
Ce-144		6.72E+01	6.78E+01	6.84E+01	6.76E+01	6.88E+01	6.69E+01	6.69E+01
La-140		1.30E+02	1.32E+02	1.33E+02	1.32E+02	1.34E+02	1.30E+02	1.31E+02
Ba-140		1.50E+02	1.51E+02	1.52E+02	1.50E+02	1.53E+02	1.49E+02	1.48E+02
<u>Total Particulate</u>		1.82E+04	1.76E+04	1.71E+04	1.63E+04	1.60E+04	1.50E+04	1.45E+04
<u>TOTAL ACTIVITY</u>		2.01E+05	1.97E+05	1.99E+05	1.96E+05	1.93E+05	1.86E+05	1.82E+05

PROCESS RADIOCHEMISTRY

Containment Atmosphere PASS Sample (All quantities in uCi/cc Corrected to STP)

Time	Real Relative	07:30-09:30 (0:00-2:00)	09:45 (H+2:15)	10:00 (H+2:30)	10:15 (H+2:45)	10:30 (H+3:00)	10:45 (H+3:15)	11:00 (H+3:30)	11:15 (H+3:45)
<u>Nuclide</u>									
Kr-85m		6.35E-07	3.77E+01	4.31E+01	4.36E+01	4.20E+01	4.04E+01	3.89E+01	3.73E+01
Kr-87		1.27E-06	5.48E+01	5.68E+01	5.21E+01	4.55E+01	3.97E+01	3.46E+01	3.01E+01
Kr-88		1.77E-06	7.20E+01	8.05E+01	7.97E+01	7.50E+01	7.05E+01	6.64E+01	6.24E+01
Xe-133m		7.92E-08	3.56E+00	4.22E+00	4.43E+00	4.41E+00	4.40E+00	4.38E+00	4.35E+00
Xe-133		3.33E-06	2.99E+02	3.54E+02	3.73E+02	3.72E+02	3.72E+02	3.71E+02	3.70E+02
Xe-135m		8.53E-07	4.14E+01	2.49E+01	1.33E+01	6.73E+00	3.41E+00	1.73E+00	8.76E-01
Xe-135		2.87E-06	4.60E+02	5.37E+02	5.56E+02	5.46E+02	5.37E+02	5.27E+02	5.18E+02
<u>Total Noble Gas</u>		1.08E-05	1.21E+03	1.10E+03	1.12E+03	1.09E+03	1.07E+03	1.05E+03	1.02E+03
I-131		2.98E-12	1.11E+01	1.50E+01	1.58E+01	1.57E+01	1.57E+01	1.57E+01	1.33E+01
I-132		4.61E-12	1.27E+01	1.59E+01	1.55E+01	1.44E+01	1.34E+01	1.24E+01	9.76E+00
I-133		6.75E-12	2.84E+01	3.82E+01	3.99E+01	3.96E+01	3.92E+01	3.89E+01	3.28E+01
I-134		7.87E-12	2.53E+01	2.82E+01	2.44E+01	2.00E+01	1.64E+01	1.35E+01	9.44E+00
I-135		6.11E-12	2.60E+01	3.43E+01	3.52E+01	3.43E+01	3.34E+01	3.25E+01	2.69E+01
<u>Total Iodine</u>		2.23E-11	1.03E+02	1.32E+02	1.31E+02	1.24E+02	1.18E+02	1.13E+02	9.22E+01
<u>Dose Eq. Iodine</u>		5.62E-12	2.13E+01	2.92E+01	3.05E+01	3.01E+01	2.99E+01	2.96E+01	2.49E+01
Rb-88		6.01E-11	3.12E+01	6.03E+01	7.17E+01	7.41E+01	7.34E+01	7.11E+01	6.80E+01
Cs-134		7.44E-12	6.20E-01	8.41E-01	8.85E-01	8.85E-01	8.85E-01	8.85E-01	8.85E-01
Cs-137		5.58E-12	9.66E-01	1.31E+00	1.38E+00	1.38E+00	1.38E+00	1.38E+00	1.37E+00
Ce-144		2.98E-15	1.75E-02	2.38E-02	2.50E-02	2.50E-02	2.50E-02	2.50E-02	2.49E-02
La-140		4.65E-14	3.37E-02	4.55E-02	4.78E-02	4.76E-02	4.74E-02	4.72E-02	4.70E-02
Ba-140		7.14E-14	3.92E-03	5.31E-03	5.59E-03	5.59E-03	5.58E-03	5.58E-03	5.57E-03
<u>Total Particulate</u>		7.32E-11	3.29E+01	6.25E+01	7.40E+01	7.64E+01	7.57E+01	7.34E+01	7.04E+01
<u>TOTAL ACTIVITY</u>		1.08E-05	1.35E+03	1.31E+03	1.33E+03	1.29E+03	1.26E+03	1.24E+03	1.18E+03

PROCESS RADIOCHEMISTRY

Containment Atmosphere PASS Sample (All quantities in uCi/cc Corrected to STP)

Time	Real Relative	11:30 (H+4:00)	11:45 (H+4:15)	12:00 (H+4:30)	12:15 (H+4:45)	12:30 (H+5:00)	12:45 (H+5:15)	13:00 (H+5:30)	13:15 (H+5:45)
<u>Nuclide</u>									
Kr-85m		3.60E+01	3.39E+01	3.16E+01	2.98E+01	2.86E+01	2.76E+01	2.65E+01	2.55E+01
Kr-87		2.63E+01	2.25E+01	1.90E+01	1.62E+01	1.42E+01	1.24E+01	1.08E+01	9.39E+00
Kr-88		5.87E+01	5.42E+01	4.94E+01	4.55E+01	4.28E+01	4.03E+01	3.79E+01	3.56E+01
Xe-133m		4.35E+00	4.25E+00	4.11E+00	4.01E+00	4.00E+00	3.98E+00	3.97E+00	3.96E+00
Xe-133		3.70E+02	3.60E+02	3.51E+02	3.43E+02	3.43E+02	3.42E+02	3.42E+02	3.42E+02
Xe-135m		4.44E-01	2.21E-01	1.08E-01	5.38E-02	2.73E-02	1.38E-02	7.01E-03	3.55E-03
Xe-135		5.09E+02	4.90E+02	4.66E+02	4.48E+02	4.59E+02	4.33E+02	4.25E+02	4.17E+02
<u>Total Noble Gas</u>		1.01E+03	9.69E+02	9.23E+02	8.88E+02	8.74E+02	8.57E+02	8.47E+02	8.35E+02
I-131		1.33E+01	1.22E+01	1.17E+01	7.82E+00	5.47E+00	3.12E+00	2.34E+00	1.56E+00
I-132		9.04E+00	7.70E+00	6.86E+00	4.24E+00	2.75E+00	1.46E+00	1.01E+00	6.27E-01
I-133		3.25E+01	2.96E+01	2.82E+01	1.87E+01	1.30E+01	7.34E+00	5.46E+00	3.61E+00
I-134		7.71E+00	5.80E+00	4.58E+00	2.51E+00	1.44E+00	6.75E-01	4.15E-01	2.27E-01
I-135		2.62E+01	2.35E+01	2.20E+01	1.43E+01	9.72E+00	5.41E+00	3.94E+00	2.57E+00
<u>Total Iodine</u>		8.88E+01	7.88E+01	7.34E+01	4.75E+01	3.23E+01	1.80E+01	1.32E+01	8.59E+00
<u>Dose Eq. Iodine</u>		2.47E+01	2.25E+01	2.15E+01	1.43E+01	9.92E+00	5.62E+00	4.19E+00	2.78E+00
Rb-88		6.46E+01	5.99E+01	5.48E+01	4.90E+01	4.61E+01	4.34E+01	4.09E+01	3.85E+01
Cs-134		8.85E-01	8.67E-01	8.41E-01	7.96E-01	7.96E-01	7.96E-01	7.96E-01	7.96E-01
Cs-137		1.38E+00	1.35E+00	1.31E+00	1.24E+00	1.24E+00	1.24E+00	1.24E+00	1.23E+00
Ce-144		2.49E-02	2.45E-02	2.37E-02	2.25E-02	2.25E-02	2.25E-02	2.25E-02	2.25E-02
La-140		4.69E-02	4.58E-02	4.42E-02	4.27E-02	4.15E-02	4.14E-02	4.12E-02	4.11E-02
Ba-140		5.68E-03	5.46E-03	5.29E-03	5.01E-03	5.01E-03	5.00E-03	5.00E-03	5.00E-03
<u>Total Particulate</u>		6.70E+01	6.22E+01	5.71E+01	5.11E+01	4.82E+01	4.55E+01	4.30E+01	4.06E+01
<u>TOTAL ACTIVITY</u>		1.26E+03	1.11E+03	1.05E+03	9.87E+02	9.55E+02	9.21E+02	9.03E+02	8.84E+02

PROCESS RADIOCHEMISTRY
UNIT VENT CONCENTRATION
(uCi/cc)

<u>Time</u>	<u>(All times)</u>
<u>Nuclide</u>	
Kr-85m	3.94E-9
Kr-87	9.95E-9
Kr-88	1.15E-8
Xe-133m	3.09E-8
Xe-133	7.97E-8
Xe-135m	2.09E-8
<u>Xe-135</u>	2.00E-8
<u>Total Noble Gas</u>	1.77E-7
I-131	4.54E-14
I-132	2.82E-12
I-133	2.59E-13
I-134	5.76E-11
<u>I-135</u>	3.49E-12
<u>Total Iodine</u>	6.42E-11
Rb-88	2.19E-13
Cs-134	6.81E-14
Cs-136	8.04E-14
Cs-137	4.08E-14
Cs-138	7.05E-13
La-140	3.75E-13
<u>Ba-140</u>	6.48E-13
<u>Total Particulate</u>	2.14E-12
<u>TOTAL ACTIVITY</u>	1.77E-7

PROCESS MONITORS

AIRBORNE

Time-related inplant airborne process monitoring data is provided in the following subsection. Concentration data is provided in the units as indicated. The process monitors are identified by identification numbers as well as its common name.

Some of the listed process monitors have three channels to monitor particulates, iodines or noble gases. For the process monitor data it is assumed that the particulate and noble gas channels determine gross activities whereas the iodine channel determines the activity of Iodine 131 and not gross iodine.

PROCESS MONITORS

AIRBORNE

Time	Real Relative	07:30-09:15 (B+0:00 to B+1:45)	9:30 (B+2:00)	9:45 (B+2:15)	10:00 (B+2:30)	10:15 (B+2:45)	10:30 (B+3:00)	10:45 (B+3:15)	11:00 (B+3:30)
GTRE 22	Containment Purge Ex.	P (uCi/cc) I G	1.0E-11 1.0E-10 2.0E-07	3.0E-11 1.5E-10 2.5E-07	2.5E-11 2.0E-10 5.0E-07	3.0E-11 2.0E-10 4.5E-07	3.0E-11 2.0E-10 4.5E-07	2.5E-11 2.0E-10 5.0E-07	3.0E-11 2.0E-10 5.0E-07
GTRE 33	Containment Purge Ex.	P (uCi/cc) I G	1.0E-11 1.0E-10 2.0E-07	1.5E-11 1.0E-10 2.5E-07	1.2E-11 1.0E-10 2.0E-07	1.5E-11 1.5E-10 3.0E-07	1.5E-11 1.5E-10 3.0E-07	1.5E-11 1.5E-10 3.0E-07	1.5E-11 1.5E-10 3.0E-07
GBRE 22	Radwaste Bldg. Vent	P (uCi/cc)	1.0E-10	1.0E-10	1.0E-10	1.0E-10	1.0E-10	1.0E-10	1.0E-10
GBRE 23	Gas Decay Tank Vent Ex.	G (uCi/cc)	2.0E-06	2.0E-06	2.0E-06	2.0E-06	2.0E-06	2.0E-06	2.0E-06
GBRE 04	Control Room Supply	P (uCi/cc) I G	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06
GBRE 05	Control Room Supply	P (uCi/cc) I G	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06
GTRE 31	Containment Atmosphere	P (uCi/cc) I G	5.0E-11 7.0E-10 5.0E-06	3.5E-06 4.5E-06 1.7E-02	3.5E-06 4.5E-06 1.7E-02	3.5E-06 4.5E-06 1.7E-02	3.5E-06 4.5E-06 1.7E-02	3.5E-06 4.5E-06 1.7E-02	3.5E-06 4.5E-06 1.7E-02
GTRE 32	Containment Atmosphere	P (uCi/cc) I G	6.0E-11 7.0E-10 5.0E-06	4.0E-06 5.0E-06 2.0E-02	4.0E-06 5.0E-06 2.0E-02	4.0E-06 5.0E-06 2.0E-02	4.0E-06 5.0E-06 2.0E-02	4.0E-06 5.0E-06 2.0E-02	4.0E-06 5.0E-06 2.0E-02
GTRE 59	Unit. High Range Rad.	(R/hr)	<1.00E+00	1.50E+01	7.35E+05	6.40E+05	5.39E+05	4.69E+05	4.23E+05
GTRE 60	Unit. High Range Rad.	(R/hr)	<1.00E+00	1.49E+01	7.40E+05	6.36E+05	5.35E+05	4.67E+05	4.20E+05
GTRE 21A/B	Unit Vent Eff.	P (uCi/cc) I G	2.1E-11 6.5E-10 4.8E-07	2.0E-11 7.0E-10 5.0E-07	2.0E-11 8.0E-10 1.5E-06	2.0E-11 8.0E-10 1.5E-06	2.0E-11 8.0E-10 1.5E-06	2.0E-11 8.0E-10 1.5E-06	2.0E-11 8.0E-10 1.5E-06
GBRE 10A/B	Radwaste Building Eff.	P (uCi/cc) I G	1.8E-11 1.0E-10 4.1E-07	1.8E-11 1.0E-10 4.1E-07	1.8E-11 1.0E-10 4.1E-07	1.8E-11 1.0E-10 4.1E-07	1.8E-11 1.0E-10 4.1E-07	1.8E-11 1.0E-10 4.1E-07	1.8E-11 1.0E-10 4.1E-07
ABRE 114	MSRV Monitor S/G A	(mB/hr)	2.5E-01	2.5E-01	2.5E-01	2.5E-01	2.5E-01	2.5E-01	2.5E-01
ABRE 113	MSRV Monitor S/G B	(mB/hr)	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01
ABRE 112	MSRV Monitor S/G C	(mB/hr)	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01
ABRE 111	MSRV Monitor S/G D	(mB/hr)	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01
PCRE 385	Aux. Feed Pump Turbine	(mB/hr)	2.5E-01	2.5E-01	2.5E-01	2.5E-01	2.5E-01	2.5E-01	2.5E-01
CLRE 60	Aux. Bldg. Vent Ex.	P (uCi/cc)	1.4E-11	1.4E-11	1.4E-11	1.4E-11	1.4E-11	1.4E-11	1.4E-11
GBRE 41	Access Control Vent	P (uCi/cc)	6.5E-12	6.5E-12	6.5E-12	6.5E-12	6.5E-12	6.5E-12	6.5E-12
GBRE 27	Fuel Bldg. Vent Ex.	P (uCi/cc) I G	1.0E-11 7.0E-10 4.1E-06	1.0E-11 7.0E-10 4.1E-06	1.0E-11 7.0E-10 4.1E-06	1.0E-11 7.0E-10 4.1E-06	1.0E-11 7.0E-10 4.1E-06	1.0E-11 7.0E-10 4.1E-06	1.0E-11 7.0E-10 4.1E-06
GBRE 28	Fuel Bldg. Vent Ex.	P (uCi/cc) I G	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06
GBRE 92	Condenser Air Discharge	G (uCi/cc)	4.5E-07	4.5E-07	4.5E-07	4.5E-07	4.5E-07	4.5E-07	4.5E-07

PROCESS MONITORS

AIRBORNE

Time	Unit Relative	11:42 (B+4:45)	11:50 (B+4:50)	11:55 (B+4:55)	12:00 (B+5:00)	12:05 (B+5:05)	12:30 (B+5:30)	12:45 (B+5:45)	13:00 (B+5:50)
GTRE 22	Containment Purge Ex.	P (uCi/cc) I G	3.0E-11 2.0E-10 5.0E-07	3.0E-11 2.0E-10 5.0E-07	3.0E-11 2.0E-10 5.0E-07	3.0E-11 2.0E-10 5.0E-07	3.0E-11 2.0E-10 5.0E-07	3.0E-11 2.0E-10 5.0E-07	3.0E-11 2.0E-10 5.0E-07
GTRE 33	Containment Purge Ex.	P (uCi/cc) I G	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07
CHRE 22	Radiation Bldg. Vent	P (uCi/cc) I G	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07
CHRE 23	Gas Decay Tank Vent Ex.	P (uCi/cc) I G	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07	1.0E-11 1.0E-10 3.0E-07
CHRE 04	Control Room Supply	P (uCi/cc) I G	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06
CHRE 05	Control Room Supply	P (uCi/cc) I G	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06
GTRE 31	Containment Atmosphere	P (uCi/cc) I G	---	---	---	---	---	---	---
GTRE 32	Containment Atmosphere	P (uCi/cc) I G	---	---	---	---	---	---	---
GTRE 39	Cont. High Range Rad.	(R/hr)	3.80E+05	3.80E+05	3.80E+05	3.80E+05	3.80E+05	3.80E+05	3.80E+05
GTRE 60	Cont. High Range Rad.	(R/hr)	3.80E+05	3.80E+05	3.80E+05	3.80E+05	3.80E+05	3.80E+05	3.80E+05
GTRE 21A/B	Unit Vent Eff.	P (uCi/cc) I G	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06	2.0E-11 2.0E-10 4.0E-06
CHRE 10A/B	Radiation Building Eff.	P (uCi/cc) I G	1.0E-11 1.0E-10 4.0E-07	1.0E-11 1.0E-10 4.0E-07	1.0E-11 1.0E-10 4.0E-07	1.0E-11 1.0E-10 4.0E-07	1.0E-11 1.0E-10 4.0E-07	1.0E-11 1.0E-10 4.0E-07	1.0E-11 1.0E-10 4.0E-07
ABRE 114	MSRV Monitor S/G A	(mR/hr)	2.5E-01	2.5E-01	2.5E-01	2.5E-01	2.5E-01	2.5E-01	2.5E-01
ABRE 113	MSRV Monitor S/G B	(mR/hr)	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01
ABRE 112	MSRV Monitor S/G C	(mR/hr)	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01
ABRE 111	MSRV Monitor S/G D	(mR/hr)	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01	2.0E-01
PCRE 385	Aux. Feed Pump Turbine	(mR/hr)	2.5E-01	2.5E-01	2.5E-01	2.5E-01	2.5E-01	2.5E-01	2.5E-01
GLRE 63	Aux. Bldg. Vent Ex.	P (uCi/cc)	1.4E-11	1.4E-11	1.4E-11	1.4E-11	1.4E-11	1.4E-11	1.4E-11
CHRE 41	Access Control Vent	P (uCi/cc)	6.5E-12	6.5E-12	6.5E-12	6.5E-12	6.5E-12	6.5E-12	6.5E-12
CHRE 27	Fuel Bldg. Vent Ex.	P (uCi/cc) I G	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06
CHRE 24	Fuel Bldg. Vent Ex.	P (uCi/cc) I G	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06	1.0E-11 7.0E-10 4.0E-06
CHRE 92	Condenser Air Discharge	G (uCi/cc)	4.5E-07	4.5E-07	4.5E-07	4.5E-07	4.5E-07	4.5E-07	4.5E-07

PROCESS MONITORS

LIQUID

Time-related implant liquid process monitoring data is provided in the following subsection. Concentration data is provided in the units as indicated. The process monitors are identified by identification numbers as well as its common name.

PROCESS MONITORS

LIQUID

Time	Real Relative	07:30-09:15 (H+0:00-H+1:45)	09:30 (H+2:00)	09:45-13:45 (H+2:15-H+6:15)
LERE 59	Turbine Bldg. Drain (uCi/cc)	5.0E-08	5.0E-08	5.0E-08
HFRE 45	Sec. Liquid Waste Discharge (uCi/cc)	4.0E-09	4.0E-09	4.0E-09
FBRE 50	Aux. Steam Cond. Recovery Tank (uCi/cc)	1.0E-07	1.0E-07	1.0E-07
AERE 4A	Service Water Return (uCi/cc)	4.0E-08	4.0E-08	4.0E-08
AERE 4B	Service Water Return (uCi/cc)	4.0E-08	4.0E-08	4.0E-08
EFRE 35	Essential Service Water (uCi/cc)	4.0E-08	4.0E-08	4.0E-08
EFRE 36	Essential Service Water (uCi/cc)	4.0E-08	4.0E-08	4.0E-08
EGRE 09	CCW Train A (uCi/cc)	3.5E-07	3.5E-07	3.5E-07
EGRE 10	CCW Train B (uCi/cc)	3.5E-07	3.5E-07	3.5E-07
SJRE 02	S/G Liquid (uCi/cc)	1.0E-07	1.0E-07	1.0E-07
BMRE 25	S/G Blowdown Process (uCi/cc)	1.5E-07	1.5E-07	1.5E-07
BMRE 52	S/G Blowdown Discharge (uCi/cc)	1.0E-07	1.0E-07	1.0E-07
SJRE 01	CVCS Letdown (uCi/cc)	4.5E-01	7.5E+03	N/A (Isolated)
HERE 16	Boron Recycle Distillate (uCi/cc)	2.5E-07	2.5E-07	2.5E-07
HBRE 18	Liquid Waste Discharge (uCi/cc)	8.5E-05	8.5E-05	8.5E-05

AREA RADIATION MONITORS

Time-related inplant area radiation monitoring data is provided in the following subsection. Radiation data is provided in the units as indicated. The area radiation monitors are identified by identification numbers as well as its common name.

Radiation levels indicated with a < or > sign indicate the monitor is reading offscale low or offscale high respectively.

The location of area radiation monitors within the auxiliary and fuel buildings are designated on the inplant radiation maps.

KEY TO AREA RADIATION MONITORS

Monitor #	Location	Range(mR/hr)	Alert	High
SDRE01	Radwaste Bldg. Corridor, Basement (W)	.1 - 10,000	2.5	15
SDRE02	Radwaste Bldg. Corridor, Basement (Ctrl)	.1 - 10,000	2.5	15
SDRE03	Radwaste Bldg. Corridor, Basement (E)	.1 - 10,000	2.5	15
SDRE04	Radwaste Bldg. Corridor, Basement (W 2000' ele.)	.1 - 10,000	2.5	15
SDRE05	Radwaste Bldg. Corridor, Basement (Ctrl 2000' ele.)	.1 - 10,000	2.5	15
SDRE06	Solid Radwaste Area, 2000' ele.	.1 - 10,000	2.5	15
SDRE07	Radwaste Bldg. Truck Space, 2000' ele.	.1 - 10,000	2.5	15
SDRE08	Radwaste Bldg. Sample Laboratory	.1 - 10,000	2.5	15
SDRE09	Radwaste Bldg. Valve Rm. Corridor, (E 2047' ele.)	.1 - 10,000	15	100
SDRE10	Radwaste Bldg. Valve Rm. Corridor, (W 2047' ele.)	.1 - 10,000	15	100
SDRE11	Radwaste Bldg. HVAC Filter Unit	.1 - 10,000	2.5	15
SDRE12	Aux. Bldg. Corridor, Basement (1974' ele. SE)	.1 - 10,000	2.5	15
SDRE13	Aux. Bldg. Corridor, Basement (1974' ele. NE)	.1 - 10,000	2.5	15
SDRE14	Aux. Bldg. Corridor, Basement (1974' ele. N)	.1 - 10,000	2.5	15
SDRE15	Aux. Bldg. Corridor, Basement (1974' ele. W)	.1 - 10,000	2.5	15
SDRE16	Aux. Bldg. Corridor, Basement (1974' ele. SW)	.1 - 10,000	2.5	15
SDRE17	Nonradioactive Pipe Tunnel & Personnel Access (1974' ele.)	.1 - 10,000	2.5	15
SDRE18	Aux. Bldg. Ground Floor Corridor (2000' ele. N)	.1 - 10,000	2.5	15

KEY TO AREA RADIATION MONITORS

Monitor #	Location	Range(mR/hr)	Alert	High
SDRE19	Aux. Bldg. Ground Floor Corridor (2000' ele. SE)	.1 - 10,000	2.5	15
SDRE20	Aux. Bldg. Valve Rm. Corridor (2000' ele. S)	.1 - 10,000	15	100
SDRE21	Aux. Bldg. Valve Rm. Corridor (2000' ele. S)	.1 - 10,000	15	100
SDRE22	Aux. Bldg. Ground Floor (2000' ele. SW)	.1 - 10,000	2.5	15
SDRE23	Aux. Bldg. Ground Floor (2000' ele. W)	.1 - 10,000	2.5	15
SDRE24	Aux. Bldg. Sampling Room (2000' ele. Ctrl)	.1 - 10,000	15	100
SDRE25	Aux. Bldg. Vent Filter	.1 - 10,000	0.5	2.5
SDRE26	RHR Heat Exchanger Outside (2026' ele.)	.1 - 10,000	2.5	15
SDRE27	Cont. Purge Exhaust Filter Unit (2047' ele.)	.1 - 10,000	15	100
SDRE28	Cont. Personnel Hatch (2047' ele.)	.1 - 10,000	2.5	15
SDRE29	Hot Machine Shop	.1 - 10,000	2.5	15
SDRE30	Hot Instrument Shop	.1 - 10,000	2.5	15
SDRE31	Control Bldg. Hot Lab	.1 - 10,000	2.5	15
SDRE32	Control Bldg. Corridor	.1 - 10,000	2.5	15
SDRE33	Control Room (2047' ele.)	.1 - 10,000	0.5	2.5
SDRE34	Cask Handling Area (2000' ele.)	.1 - 10,000	2.5	15
SDRE35	New Fuel Storage (2026' ele. W)	.1 - 10,000	2.5	15
SDRE36	New Fuel Storage Corridor (2026' ele.)	.1 - 10,000	2.5	15
SDRE37	Spent Fuel Pool Area	.1 - 10,000	2.5	15
SDRE38	Spent Fuel Pool Area	.1 - 10,000	2.5	15
SDRE39	Seal Table Area (2026' ele. N)	.1 - 10,000	1000	10000

KEY TO AREA RADIATION MONITORS

Monitor #	Location	Range(mR/hr)	Alert	High
SDRE40	Personnel Access Hatch Area Inside (2047' ele. SW)	.1 - 10,000	1000	10000
SDRE41	Containment Bldg. (2047.6' manipulator crane)	.1 - 10,000	1000	10000
SDRE42	Containment Bldg. (2047.6' ele. E)	.1 - 10,000	1000	10000
SDRE43	Technical Support Center	.1 - 10,000	0.5	2.5
SDRE44	Emergency Operations Facility	.1 - 10,000	0.5	2.5
SDRE47	PASS Sampling Room (2000' ele. Aux. Bldg.	10 - 100,000	1000	10000

AREA RADIATION MONITORS

Time	07:30-						10:30-
Ref1	09:15	09:30	09:45	10:00	10:15	14:00	
	(H+0:00-					(H+03:00-	
Relative	Initial	01:45)	(H+02:00)	(H+02:15)	(H+02:30)	(H+2:45)	06:30)
Monitor #							
				NOTE			
SDRE01	.2	.2	.2	.2	.2	.2	.2
SDRE02	.1	.1	.1	.1	.1	.1	.1
SDRE03	.3	.3	.3	.3	.3	.3	.3
SDRE04	.1	.1	.1	.1	.1	.1	.1
SDRE05	.3	.3	.3	.3	.3	.3	.3
SDRE06	.2	.2	.2	.2	.2	.2	.2
SDRE07	.2	.2	.2	.2	.2	.2	.2
SDRE08	.1	.1	.1	.1	.1	.1	.1
SDRE09	.2	.2	.2	.2	.2	.2	.2
SDRE10	.3	.3	.3	.3	.3	.3	.3
SDRE11	.2	.2	.2	.2	.2	.2	.2
SDRE12	2.0	2.0	2.0	5.0	5.0	5.0	5.0
SDRE13	.5	.5	.5	5.0	5.0	5.0	5.0
SDRE14	.1	.1	.1	.1	.1	.1	.1
SDRE15	.3	.3	.3	.3	.3	.3	.3
SDRE16	.3	.3	.3	.3	.3	.3	.3
SDRE17	.1	.1	.1	.1	.1	.1	.1
SDRE18	.2	.2	.2	6.0	6.0	6.0	6.0
SDRE19	.2	.2	.2	.2	.2	.2	.2
SDRE20	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SDRE21	1.0	1.0	1.0	1.0	1.0	1.0	1.0
SDRE22	.2	.2	.2	.2	.2	.2	.2
SDRE23	.1	.1	.1	5.0	5.0	5.0	5.0
SDRE24	2.0	2.0	2.0	500.0	500.0	500.0	500.0
SDRE25	.2	.2	.2	5.0	5.0	5.0	5.0
SDRE26	.1	.1	.1	5.0	5.0	5.0	5.0
SDRE27	.2	.2	.2	5.0	5.0	5.0	5.0
SDRE28	.1	.1	.1	40.0	40.0	40.0	40.0
SDRE29	.3	.3	.3	.3	.3	.3	.3
SDRE30	.3	.3	.3	.3	.3	.3	.3
SDRE31	.2	.2	.2	.2	.2	.2	.2
SDRE32	.1	.1	.1	.1	.1	.1	.1
SDRE33	.1	.1	.1	.1	.1	.1	.1
SDRE34	.1	.1	.1	.1	.1	.1	.1
SDRE35	.3	.3	.3	.3	.3	.3	.3
SDRE36	.1	.1	.1	.1	.1	.1	.1
SDRE37	.3	.3	.3	.3	.3	.3	.3
SDRE38	.5	.5	.5	.5	.5	.5	.5
SDRE39	15.0	15.0	300.0	>10000.0	>10000.0	>10000.0	>10000.0
SDRE40	9.0	9.0	300.0	>10000.0	>10000.0	>10000.0	>10000.0
SDRE41	100.0	100.0	400.0	>10000.0	>10000.0	>10000.0	>10000.0
SDRE42	2.0	2.0	300.0	>10000.0	>10000.0	>10000.0	>10000.0
SDRE43	.1	.1	.1	.1	.1	.1	.1
SDRE44	.1	.1	.1	.1	.1	.1	.1
SDRE47	<10	<10	<10	3,000.0	3,000.0	3,000.0	3,000.0

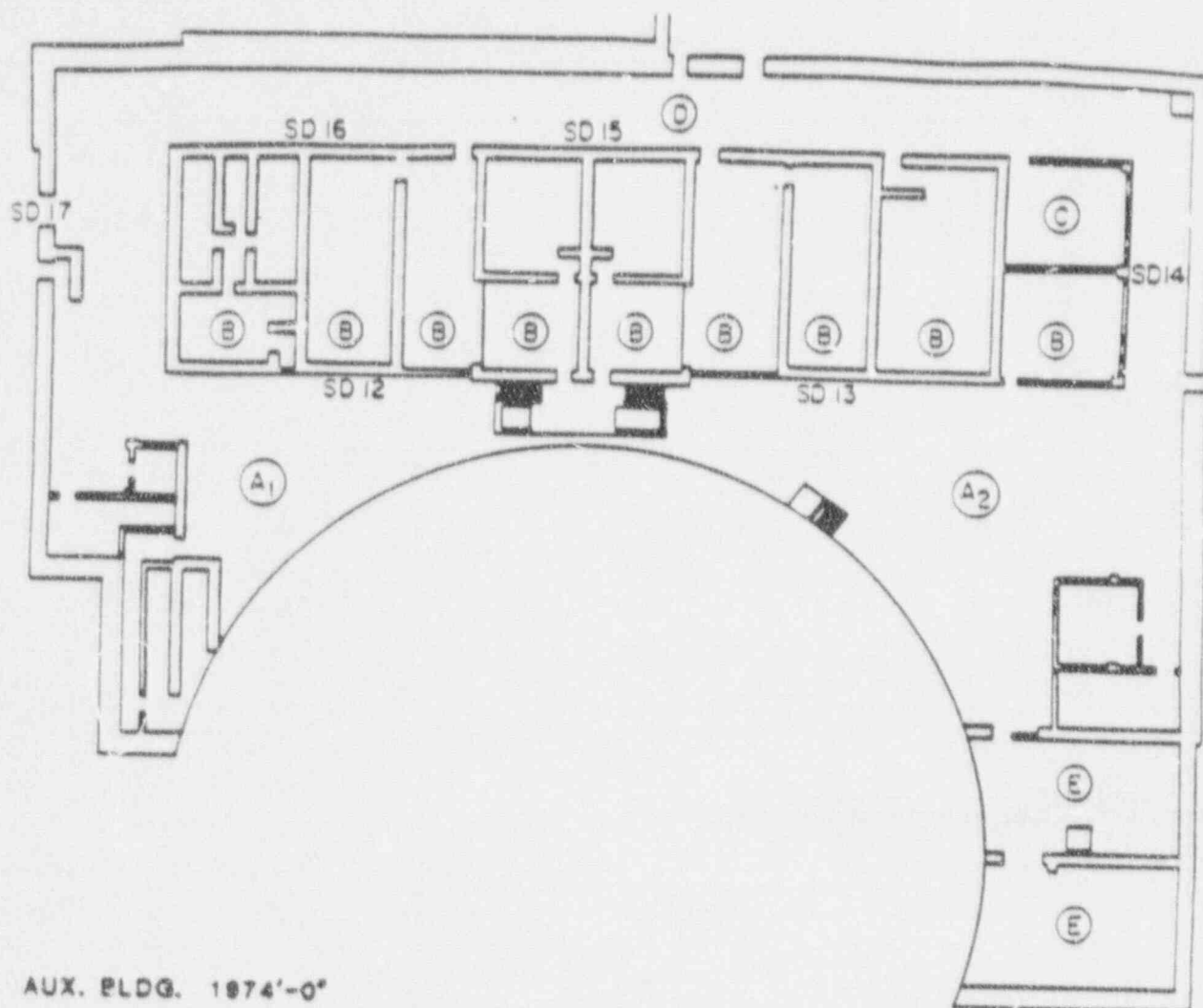
*NOTE - Due to loss of the start-up transformer, these monitors will not have power and thus no readings. However, readings are being provided in case survey teams enter the area to determine radiation levels.

INPLANT SURVEYS

Inplant survey map data is provided in the following subsection. Data is provided for each floor level of the auxiliary, fuel and diesel generator buildings. Radiation data is provided in the units as indicated. The data is designated by a letter and corresponds to the circled letter zones on the map.

Radiation levels indicated with a < sign indicate areas where readings will generally be below the lower level of detectability for instruments used in determining radiation levels.

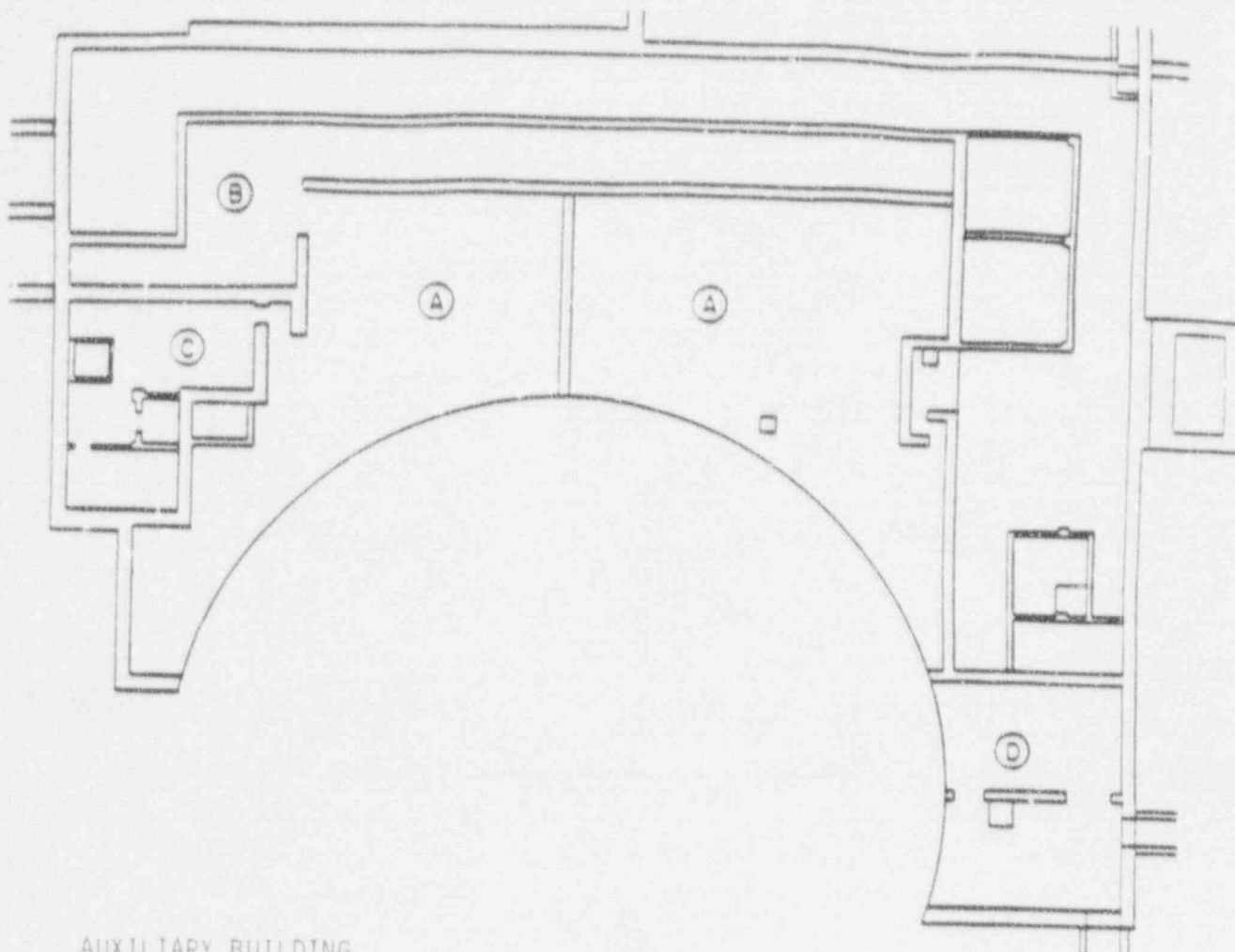
Area radiation monitors are designated on the maps as the monitor number preceded by a "SD". The data for these monitors is provided in the area radiation monitoring data.



(RADIATION LEVELS INDICATED ARE IN mk/hr)

- (A) CORRIDOR AREA
- (B) PUMP ROOM AREAS
- (C) BORIC ACID TANK/BTRS AREAS
- (D) CORRIDOR AREA
- (E) AUX FW PUMP AREA

Time	0730 - 0930		All times after 0945	
	Real	Relative (H+00:00-H+02:00)	Real	Relative (H+02:15)
A ₁		<2		5
A ₂		<2		5
B		15		15
C		<2		<2
D		<2		<2
E		<2		<2



AUXILIARY BUILDING

1988' - 0"

1989' - 6"

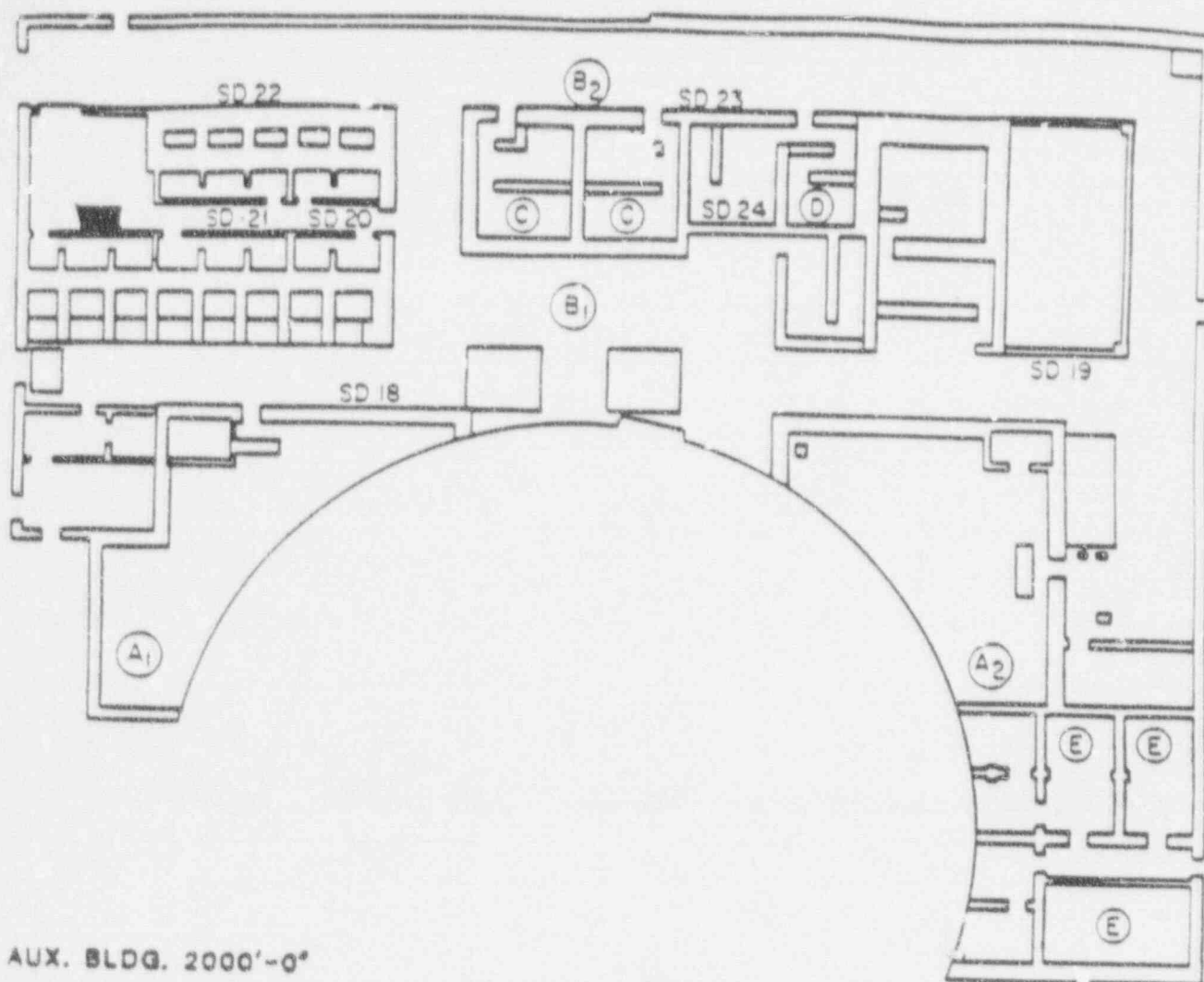
(RADIATION LEVELS INDICATED ARE IN mR/hr)

- (A) RHR ENCAPSULATION AREAS
- (B) CORRIDOR AREA
- (C) CORRIDOR AREA
- (D) AREA 5

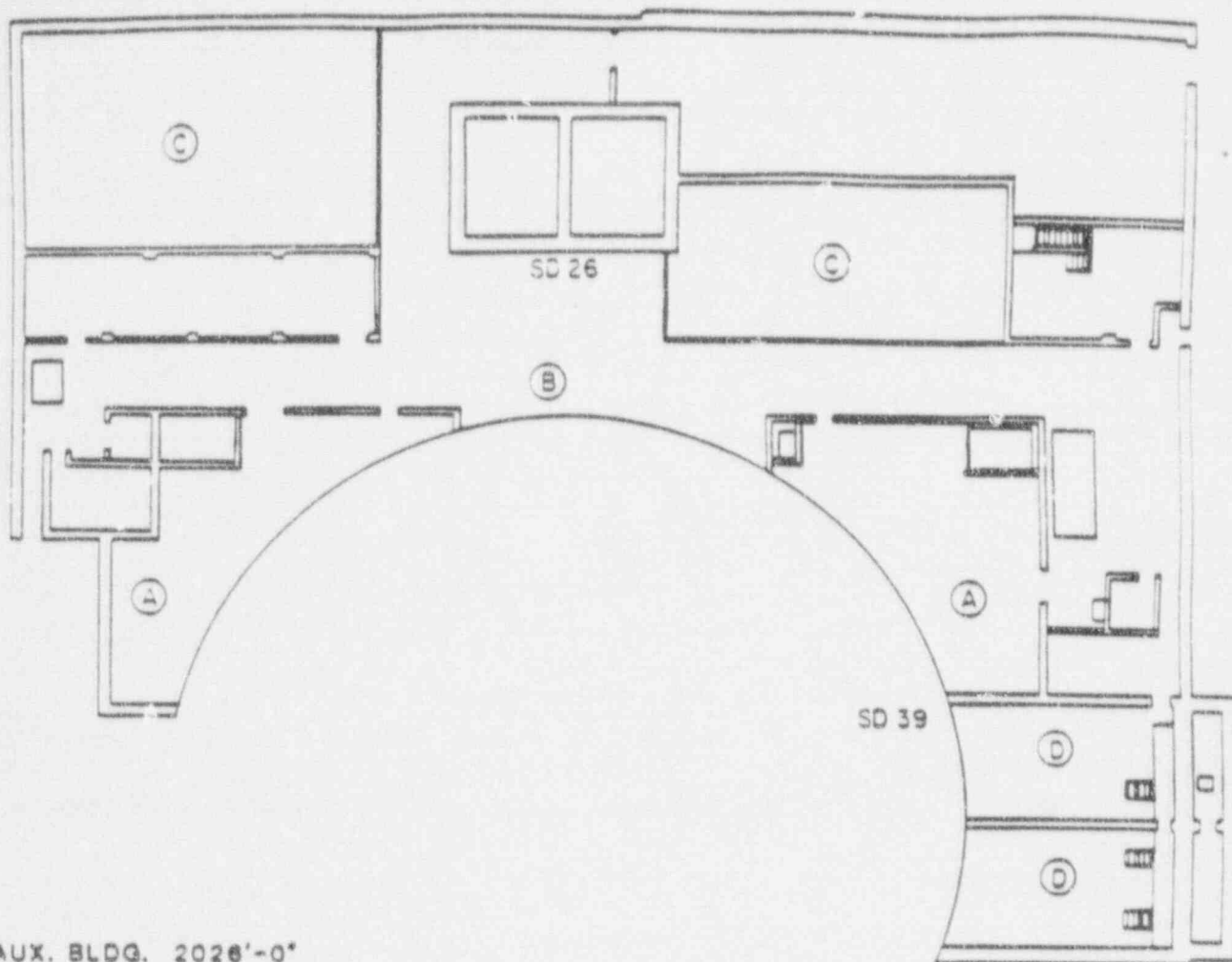
Time

Real 0730-0930 All Times After 9:45
Relative (H+00:00-02:00) (H+02:15)

A	100	200
B	100	200
C	5	5
D	<2	<2



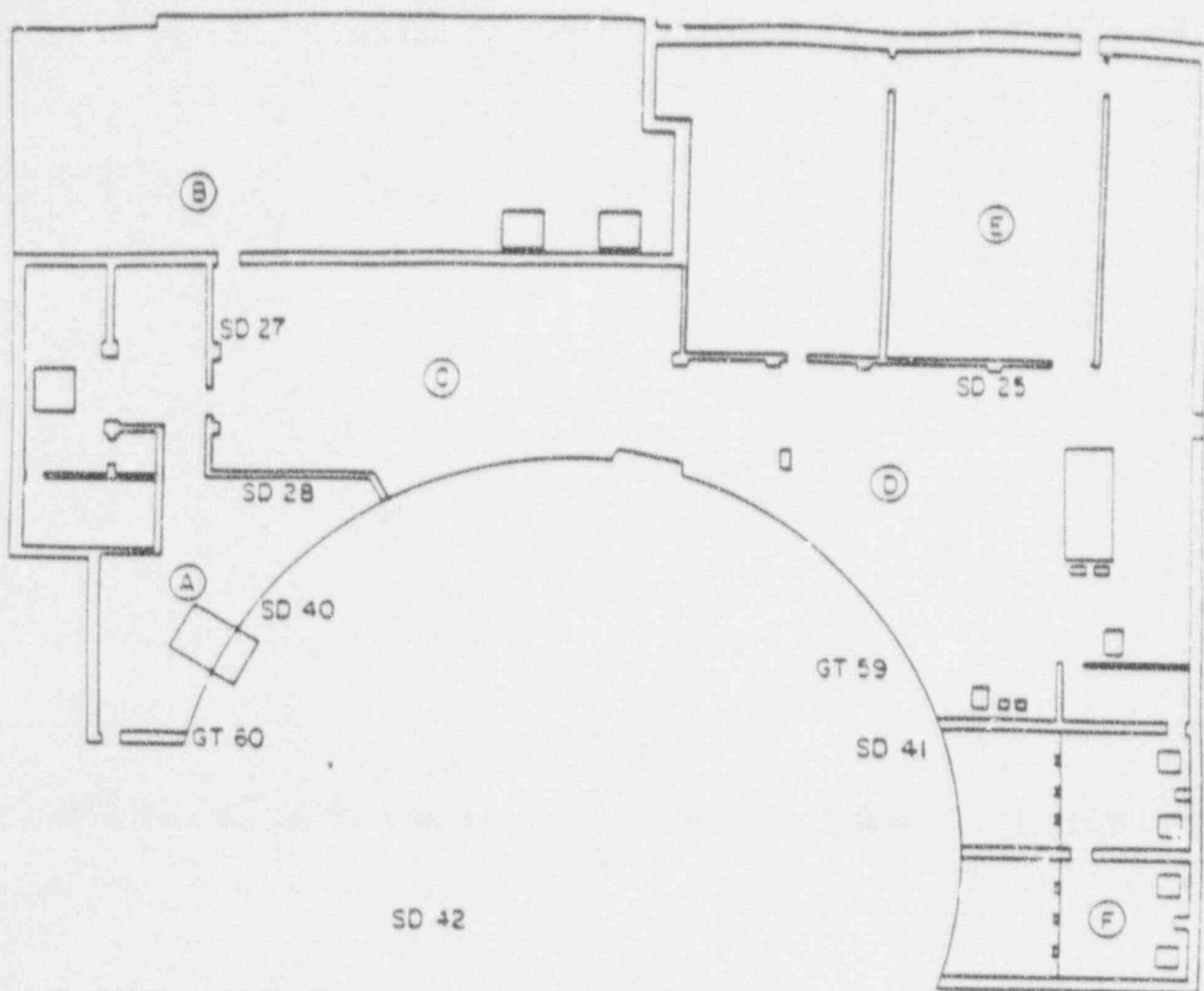
Time	0730 - 0930		All times after 0945	
	Real	Relative	Real	Relative
		(H+00:00-02:00)		(H+02:15)
A ₁		20		50
A ₂		20		50
B ₁		<2		5
B ₂		<2		<2
C ²		30		30
D		5		3,000
E		<2		<2



(RADIATION LEVELS INDICATED ARE IN mR/hr)

- (A) ELECT. PENETRATION AREAS
- (B) CORRIDOR AREA
- (C) CCW PUMP AREAS
- (D) MAIN FW PUMP AREAS

Time		
	Real	0730-0930 All times after 9:45
	Relative	(H+00:00-02:00) (7+02:15+)
A	<2	5
B	<2	5
C	<2	<2
D	<1	<2

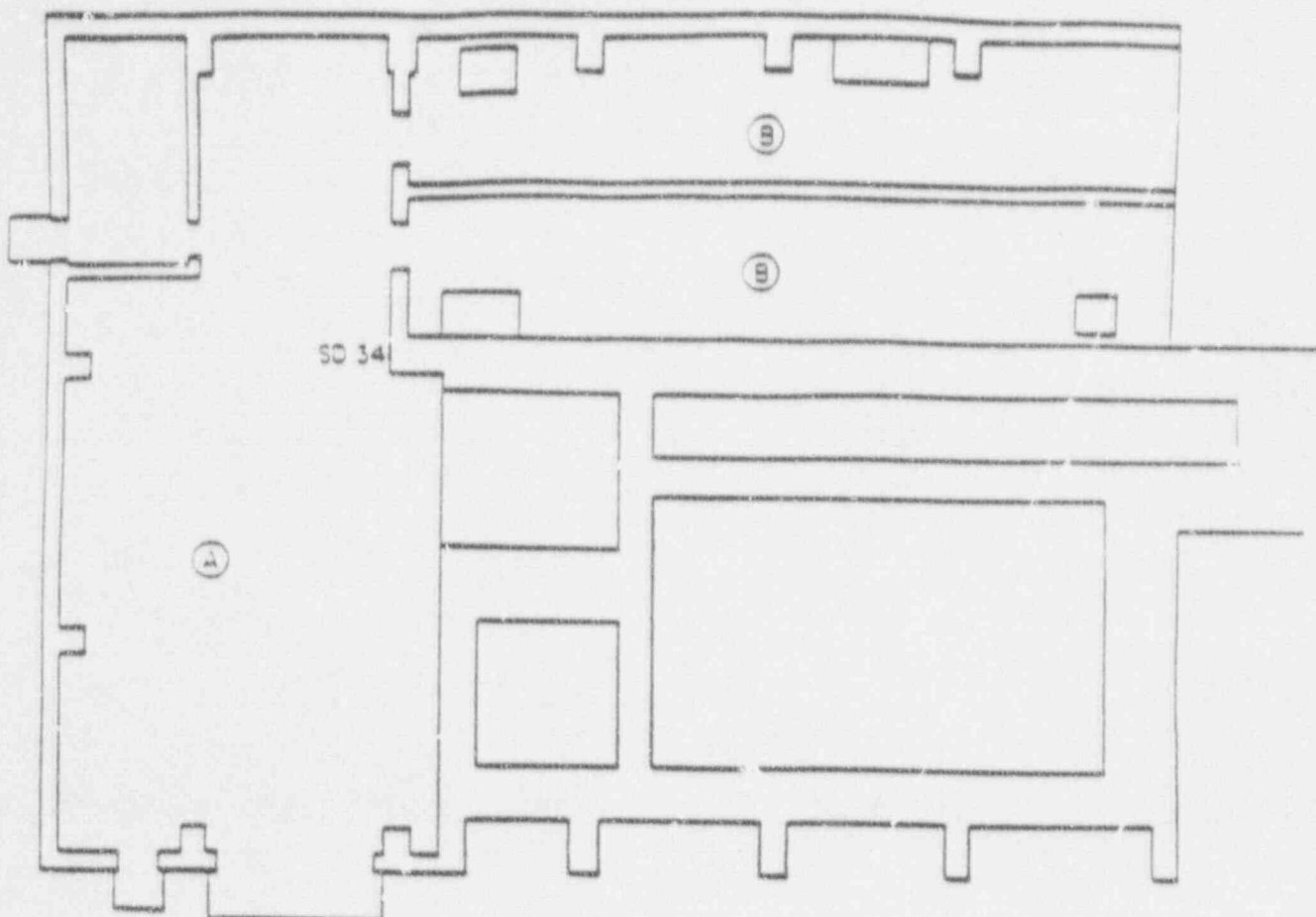


AUX. BLDG. 2C47'-6"

(RADIATION LEVELS INDICATED ARE IN mR/hr)

- (A) PERSONNEL HATCH AREA
- (B) AUX BLDG ROOF AREA
- (C) CTMT PURGE EXHAUST AREA
- (D) CTMT PURGE SUPPLY AREA
- (E) CR FILTRATION AREA
- (F) MSIV AREA

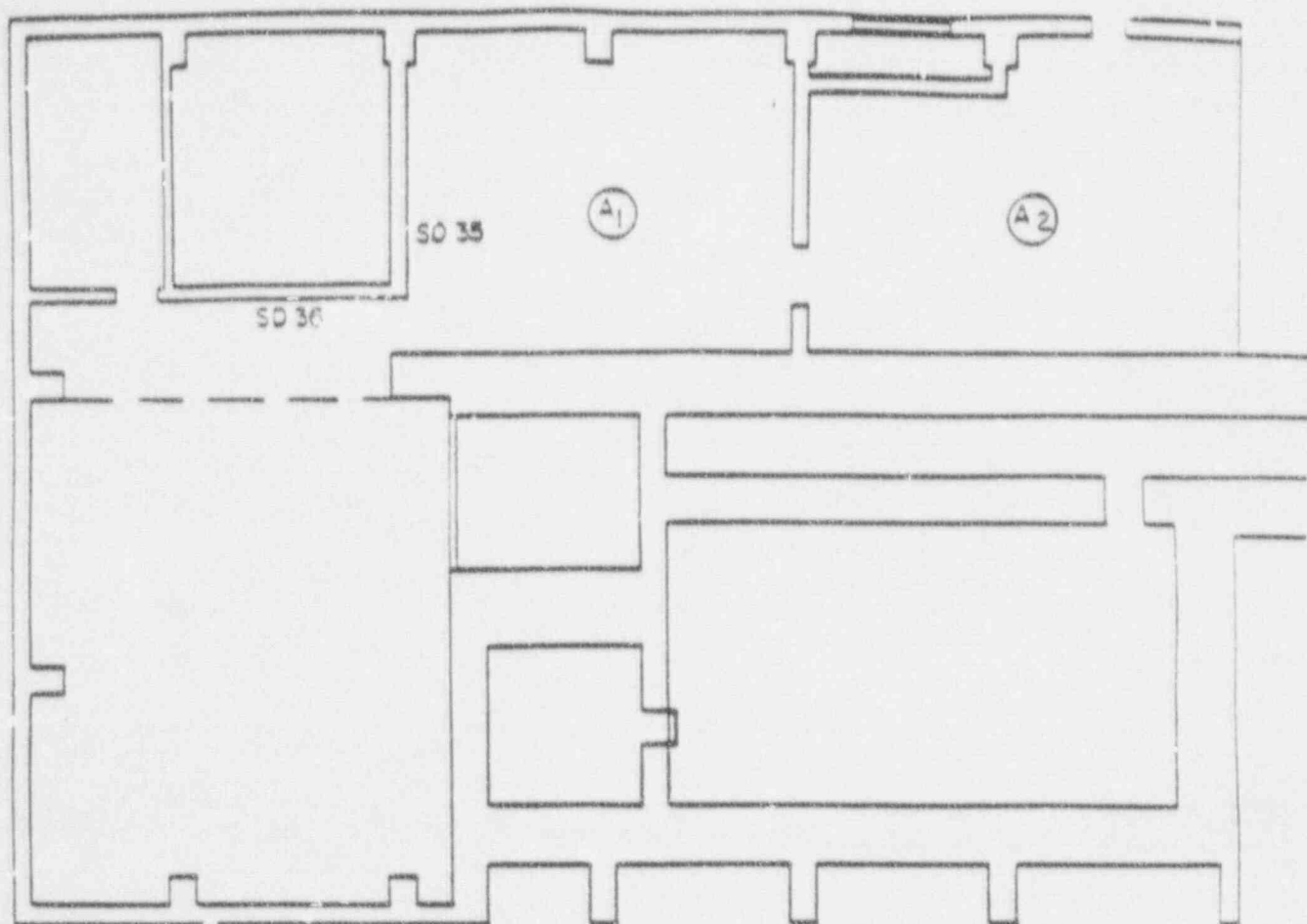
Time	0730-0930		9:45 All times after (H+02:15)
	Real	Relative	
A		<2	40
B		<2	<2
C		<2	5
D		<2	5
E		<2	<2
F		<2	<2



FUEL BLDG. 2000'-0"

(RADIATION LEVELS INDICATED ARE IN mR/hr)

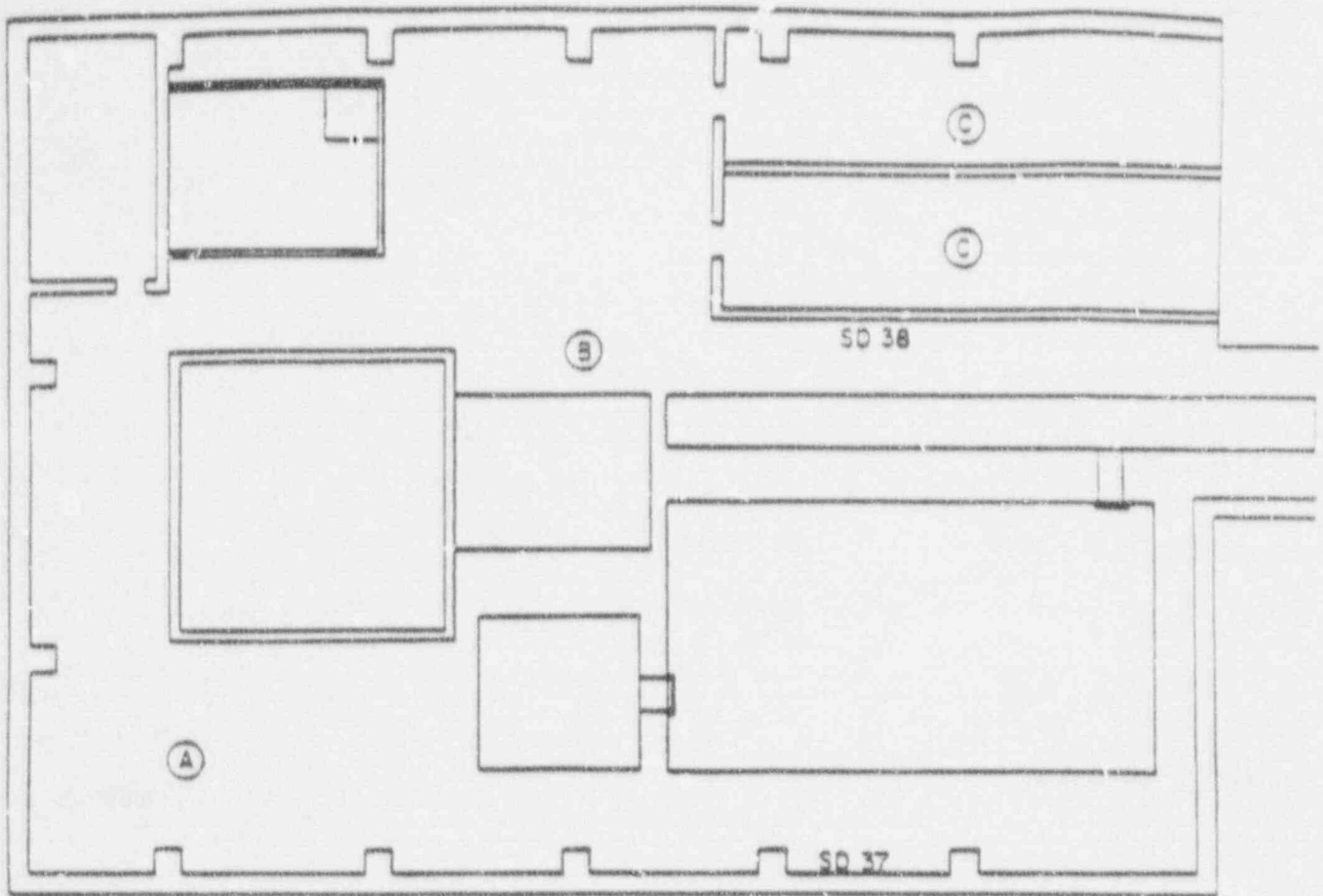
Zones A and B of the Fuel Building show radiation levels to be <2 mR/hr throughout the duration of the exercise.



FUEL BLDG. 2026'-0"

(RADIATION LEVELS INDICATED ARE IN mR/hr)

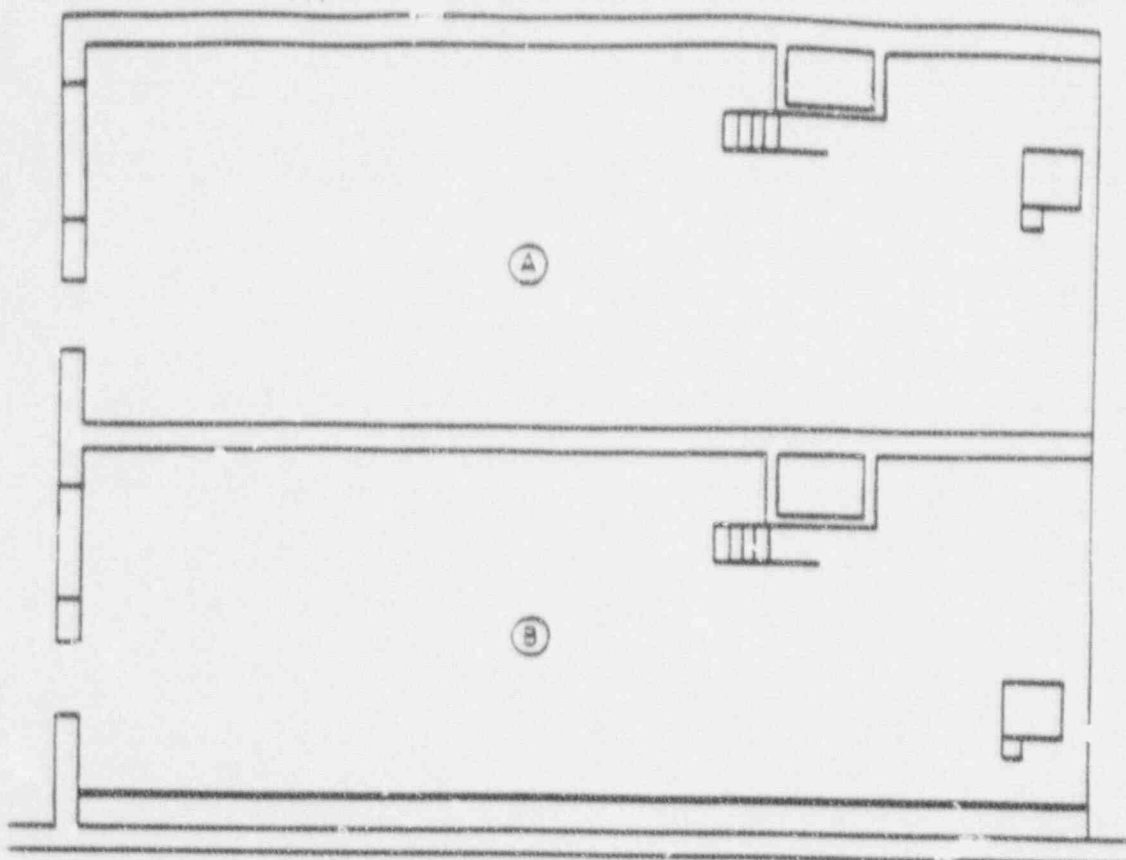
Zones A₁ and A₂ of the Fuel Building show radiation levels to be <2 mR/hr² throughout the duration of the exercise.



FUEL BLDG. 2047'-6"

(RADIATION LEVELS INDICATED ARE IN mR/hr)

Zones A, B and C of the Fuel Building show radiation levels to be <2 mR/hr throughout the duration of the exercise.



DIESEL GEN. BLDG. 2000'-0"

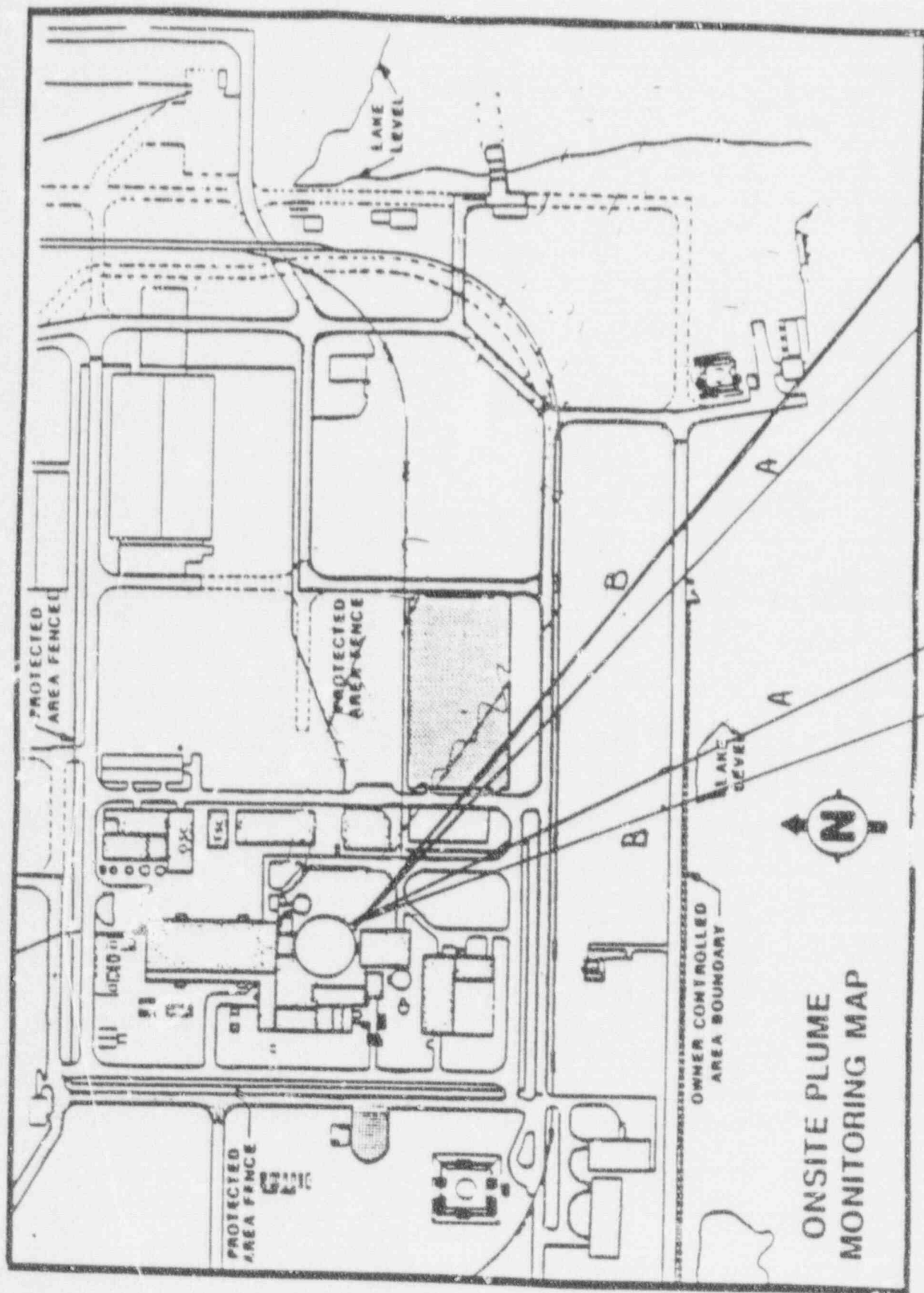
(RADIATION LEVELS INDICATED ARE IN mR/hr)

- (A) GENERAL FLOOR AREA
- (B) GENERAL FLOOR AREA

ALL TIMES

A <2

B <2



ONSITE PLUME DATA*

<u>TIME</u>	<u>ISOPLETH</u>	<u>DOSE RATE (mR/HR)</u>		<u>IODINE CONCENTRATION</u> <u>(NCPM/CU FT)</u>	<u>PARTICULATE FILTER</u> <u>(mR/hr - contact)</u>
		<u>CLOSED</u> <u>WINDOW</u>	<u>OPEN</u> <u>WINDOW</u>		
11:00	A	2,000	2,000	-	-
(H+03:30)	B	500	500	-	-
11:15	A	6,000	6,000	-	-
(H+03:45)	B	4,000	4,000	-	-
11:30	A	18,000	18,000	-	-
(H+04:00)	B	10,000	10,000	-	-
11:45	A	20,000	20,000	-	-
(H+04:15)	B	12,000	12,000	-	-
12:00	A	18,000	18,000	-	-
(H+04:30)	B	10,000	10,000	-	-
12:15	A	-	-	-	-
(H+04:45)	B	-	-	-	-

ONSITE SURFACE DEPOSITION DATA*

<u>TIME</u>	<u>ISOPLETH</u>	<u>SURFACE</u>	<u>100 cm² smear</u>
		<u>(mR/hr - contact, RO-2)</u>	<u>mR/hr - contact, RO-2</u>
All Times	A	-	-
	B	-	-

DOSE RATES (mR/hr)

	<u>Security Bldg.</u>	<u>TSC</u>	<u>OSC</u>
07:30 - 10:45	1	<1	<1
11:00	40	20	15
11:15	120	60	50
11:45	160	80	75
12:00	100	50	40
12:15	1	<1	<1

SECTION 8.0

OFFSITE RADIOLOGICAL PARAMETERS

<u>Subsections</u>	<u>Page</u>
PLUME CONCENTRATION/DOSE RATE	8.1
PLUME DEPOSITION	8.12
AERIAL MONITORING AND INGESTION PATHWAY DATA	8.19

MAP I: PLUME CONCENTRATIONS AND DOSE RATES

Time-related offsite plume monitoring data is provided in the following section. The data is presented in the units in which it would normally be available to the field teams from the instruments used to monitor the plume.

Data is presented for radiation exposure rates (open and closed window values) and for airborne concentrations of gross iodine and particulates. The airborne iodine and particulate concentrations do not include the background count rate, which should be added by the controller as appropriate. Airborne concentrations are expressed as net counts per minute (NCPM) per a 20 cubic foot sample. For sample sizes other than 20 cubic feet, the concentrations should be adjusted as follows:

$$\begin{array}{rclcl} \text{NCPM for a} & & \text{Actual sample} & & \\ 20 \text{ ft}^3 \text{ sample} & \times & \text{volume in ft}^3 & = & \text{Adjusted NCPM} \\ \text{from MAP I table} & & 20 & & \end{array}$$

Data is presented as follows:

Plume Isopleths (A, B, C, etc.): The controller should use the value for the nearest isopleth or should interpolate values between isopleths as appropriate.

Predesignated Monitoring Locations (X1, X2, etc.): For a field team located at a predesignated monitoring location, the controller may read the values directly from the table below the map.

Example:

What are the dose rate and airborne iodine and particulate concentrations at predesignated location X1 at time 11:30? Assume a 15 cubic foot air sample is collected.

Solution:

- o The following values for location X1 may be read directly from the table below:

Closed window dose rate: 152 mR/hr

Open window dose rate: 200 mR/hr

Gamma dose rate: 152 mR/hr

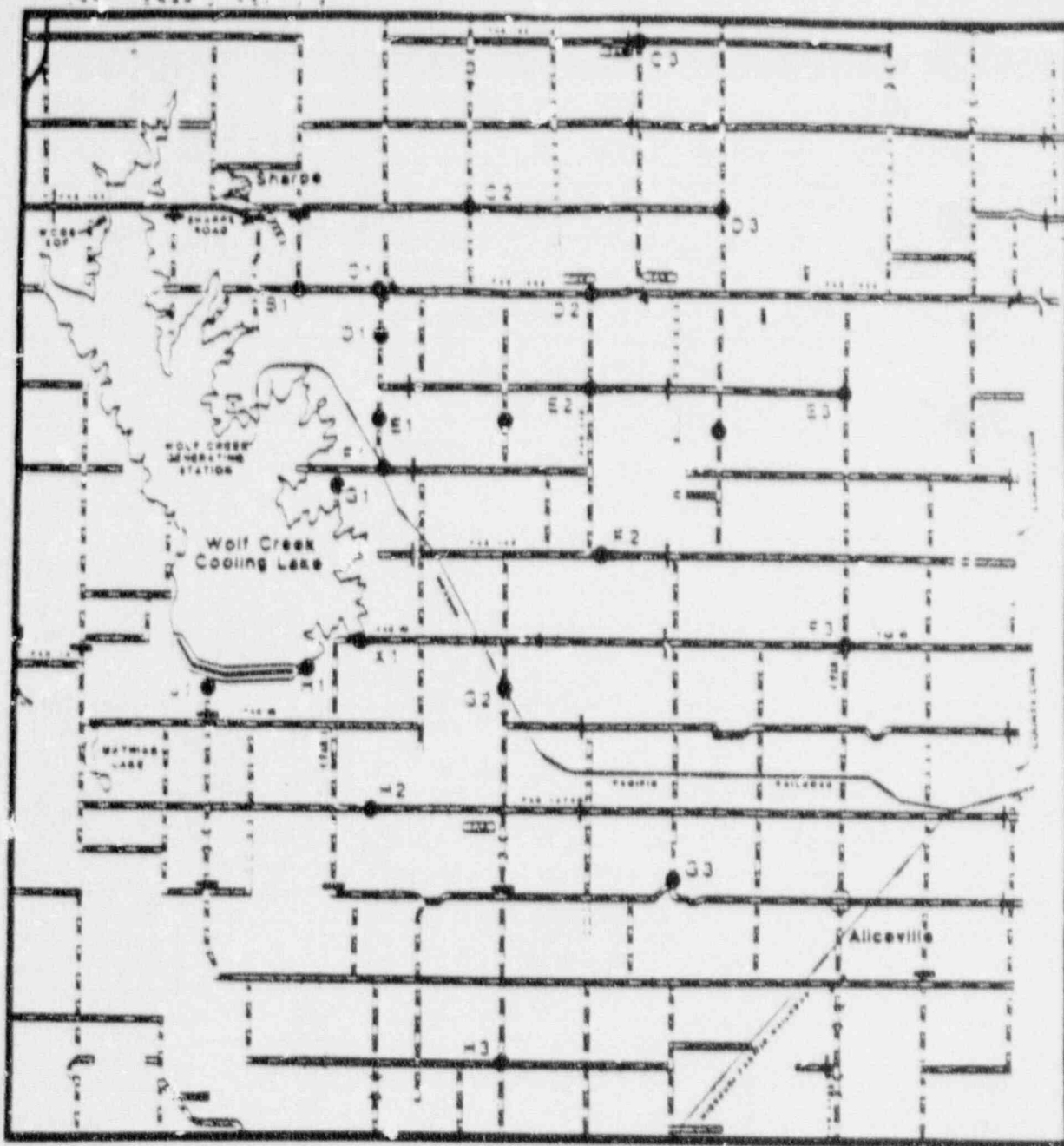
Beta dose rate: (200-152) mR/hr x appropriate beta correction factor for the instrument used.

- o Iodine cartridge count rate (excluding background) for location X1 is 36,723 NCPM for a 20 cubic foot sample. The corrected value for a 15 cubic foot sample would therefore be:

$$\text{Airborne iodine: } 36,723 \times \frac{15}{20} = \underline{27,542 \text{ NCPM}}$$

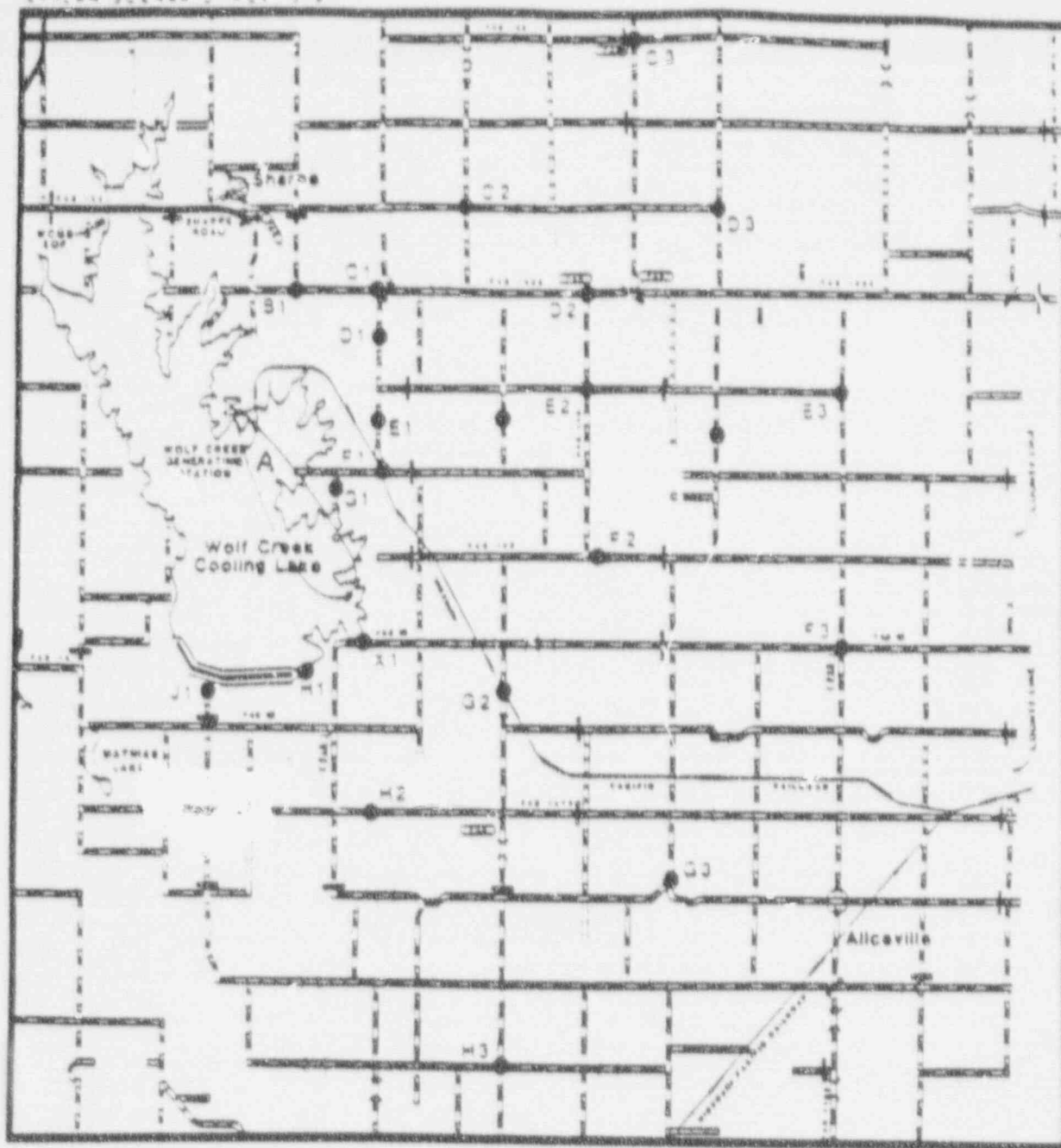
- o The count rate for the particulate filter is above the maximum scale for the RM-14; if an RO-2 detector is used to measure the contact dose rate from the filter, the reading is 25 mR/hr for 20 cu. ft.

$$\text{Particulate concentration: } 25 \text{ mR/hr} \times \frac{15}{20} = \underline{18.75 \text{ mR/hr.}}$$



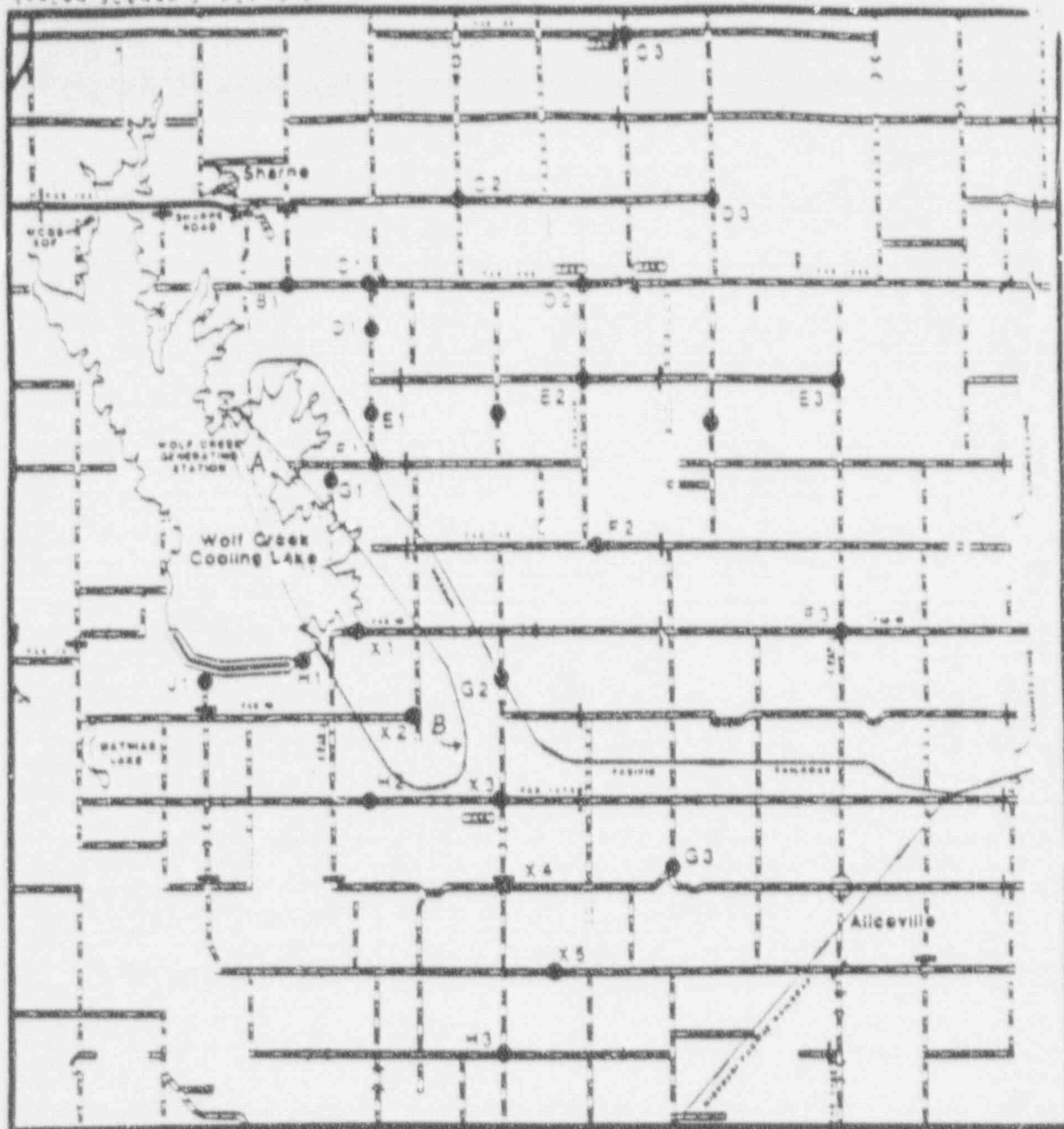
MAP I: AIR CONCENTRATION AND DOSE RATES

Time	Isopleth/ Location	Open Window Dose Rate (mR/hr)	Closed Window Dose Rate (mR/hr)	Iodine Concentration (μ CI/CC)	Iodine Filter Count Rate (NCPM/20 cu. ft.)	Particulate Filter Count Rate (NCPM/20 cu. ft.)
1100 (H+03:30)	--	--	--	--	--	--



MAP I: AIR CONCENTRATION AND DOSE RATES

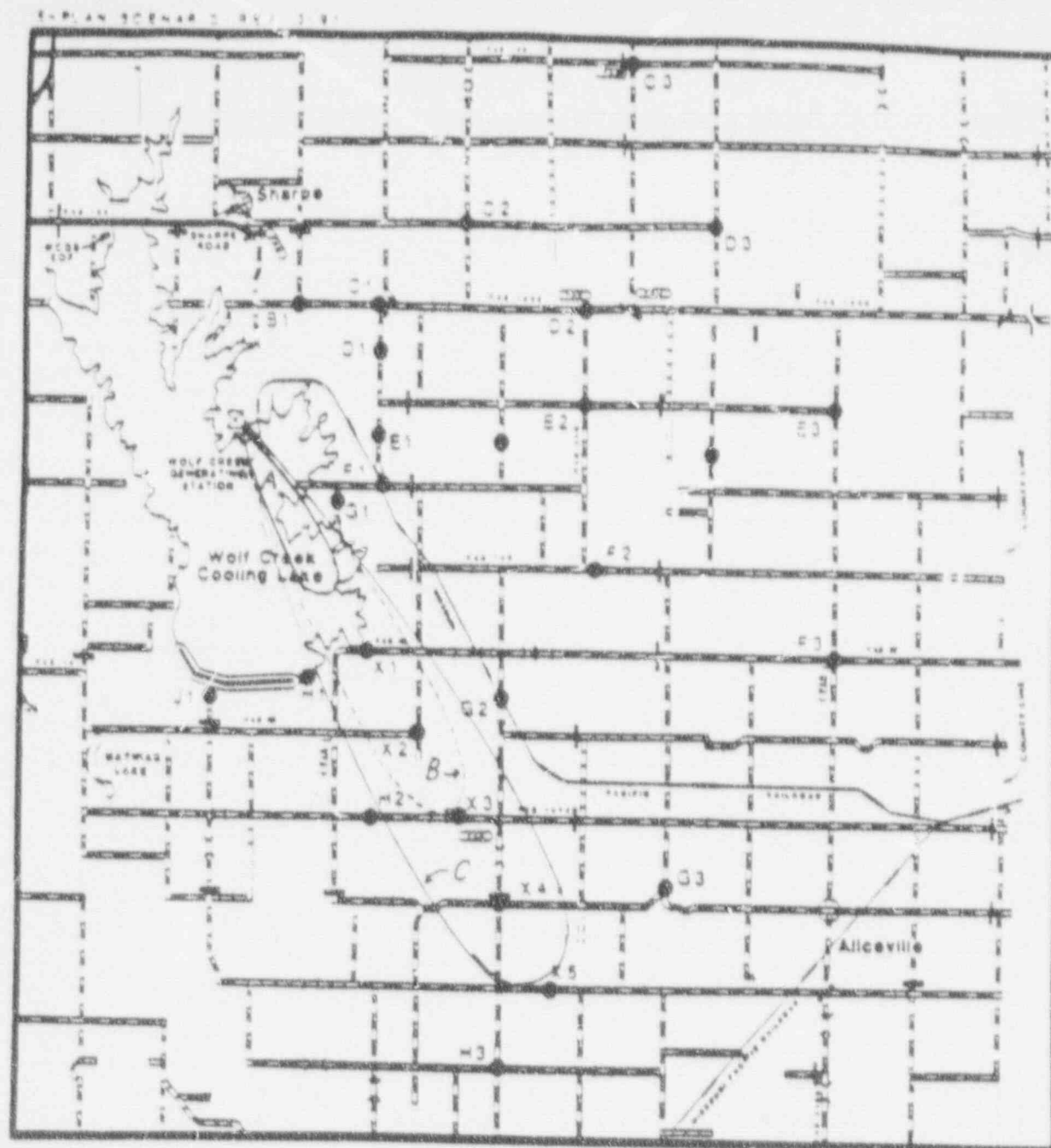
Time	Isopleth/ Location	Open Window Dose Rate (mR/hr)	Closed Window Dose Rate (mR/hr)	Iodine Concentration (uCi/cc)	Iodine Filter Count Rate (NCPM/20 cu. ft.)	Particulate Filter Count Rate (NCPM/20 cu. ft.)
1115 (H+03:45)	A Leading CL	12	5.5 316	-- --	-- --	-- --



MAP 1: AIR CONCENTRATION AND DOSE RATES

Time	Isopleth/ Location	Open Window Dose Rate (mR/hr)	Closed Window Dose Rate (mR/hr)	Iodine Concentration (uCi/cc)	Iodine Filter Count Rate (NCPM/20 cu. ft.)	Particulate Filter Count Rate (NCPM/20 cu. ft.)
1130 (H+04:00)	A	13	6.0		75,000	
	B	3.5	1.5		11,000	
	X1	200	152	3.04E-5	36,723	(25 mR/hr)
	X2	100	79	1.59E-5	19,207	(13 mR/hr)

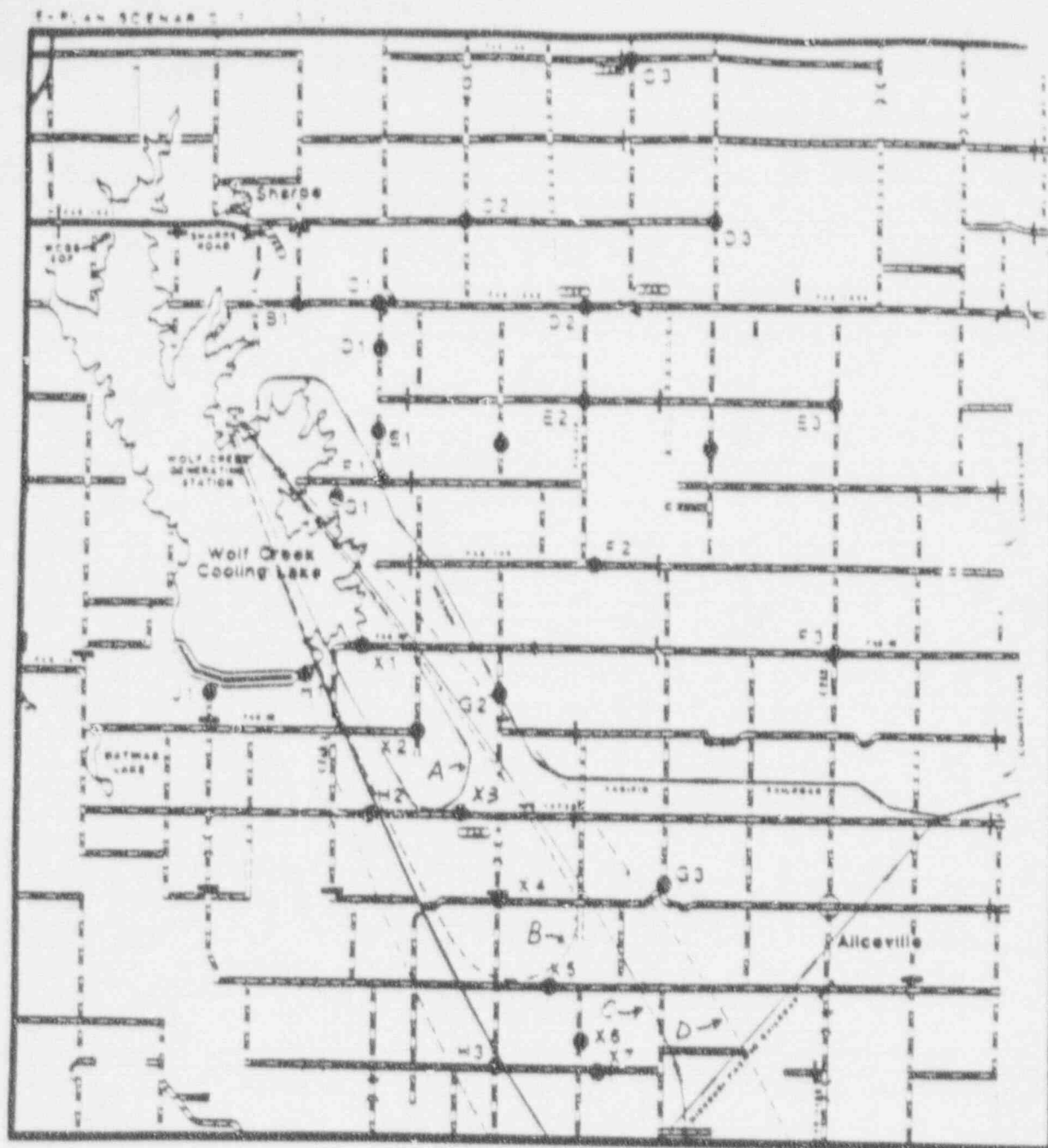
*Filters with count rates too high for a frisker (RM-14) count are shown in parenthesis as mR/hr dose rates 1 centimeter from an RO-2 detector; all filters measure less than 1 mR/hr at one foot from the detector.



MAP 1: AIR CONCENTRATION AND DOSE RATES

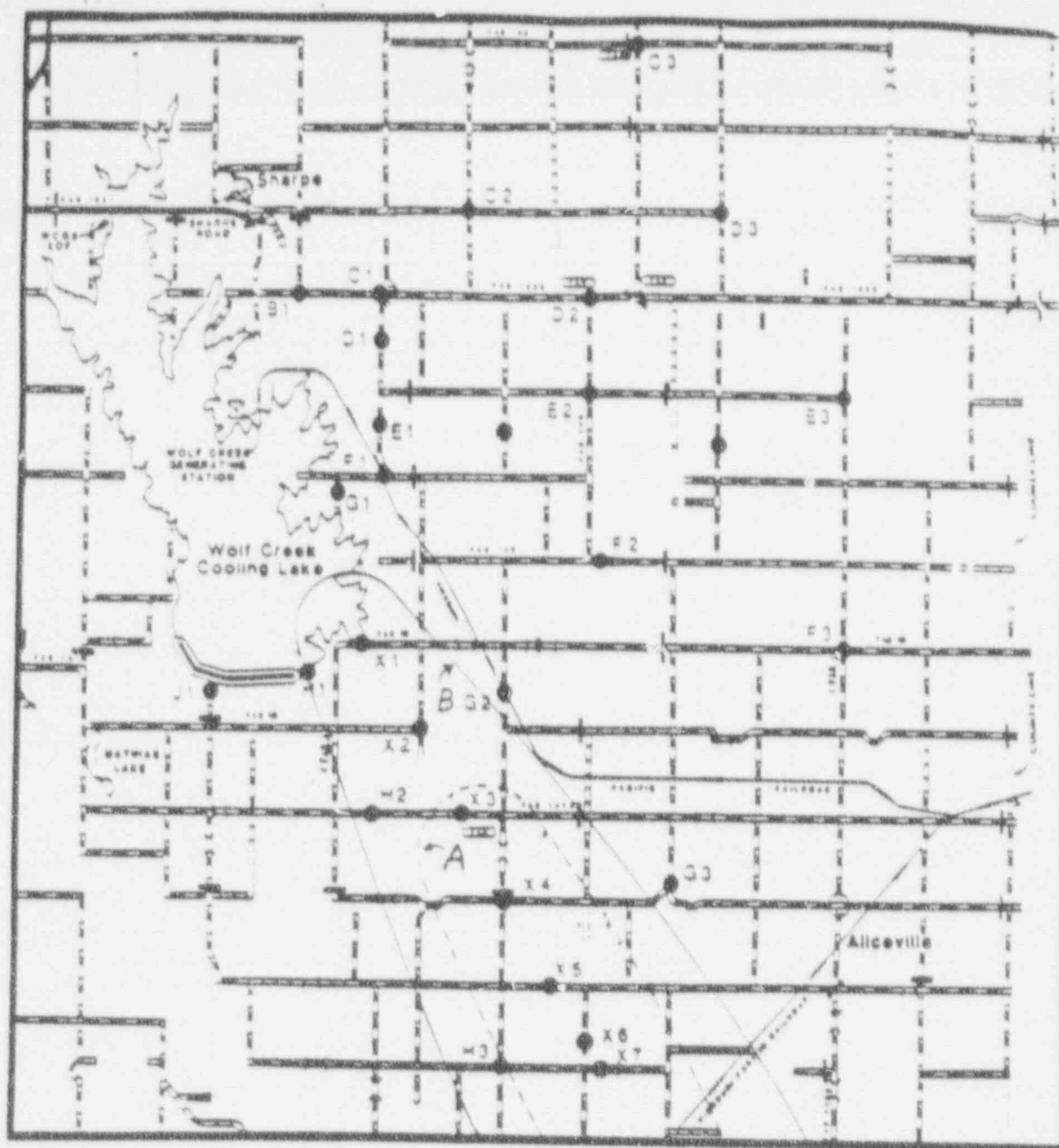
Time	Isopleth/ Location	Open Window Dose Rate (mR/hr)	Closed Window Dose Rate (mR/hr)	Iodine Concentration (uCi/cc)	Iodine Filter Count Rate (NCPM/20 cu. ft.)	Particulate Filter Count Rate (NCPM/20 cu. ft.)
1145 (H+04:15)	A	12.5	6.0		36,000	
	B	3.5	1.5		13,000	
	C	1.0	.5		5,600	
	X1	190	146	2.67E-5	32,253	(24 mR/hr)
	X2	100	76	1.40E-5	16,912	(12 mR/hr)
	X3	66	51	1.02E-5	12,321	(8.5 mR/hr)
	X4	48	37	7.35E-6	8,879	(6.2 mR/hr)

*Filters with count rates too high for a frisker (RM-14) count are shown in parenthesis as mR/hr dose rates 1 centimeter from an RO-2 detector; all filters measure less than 1 mR/hr at one foot from the detector.



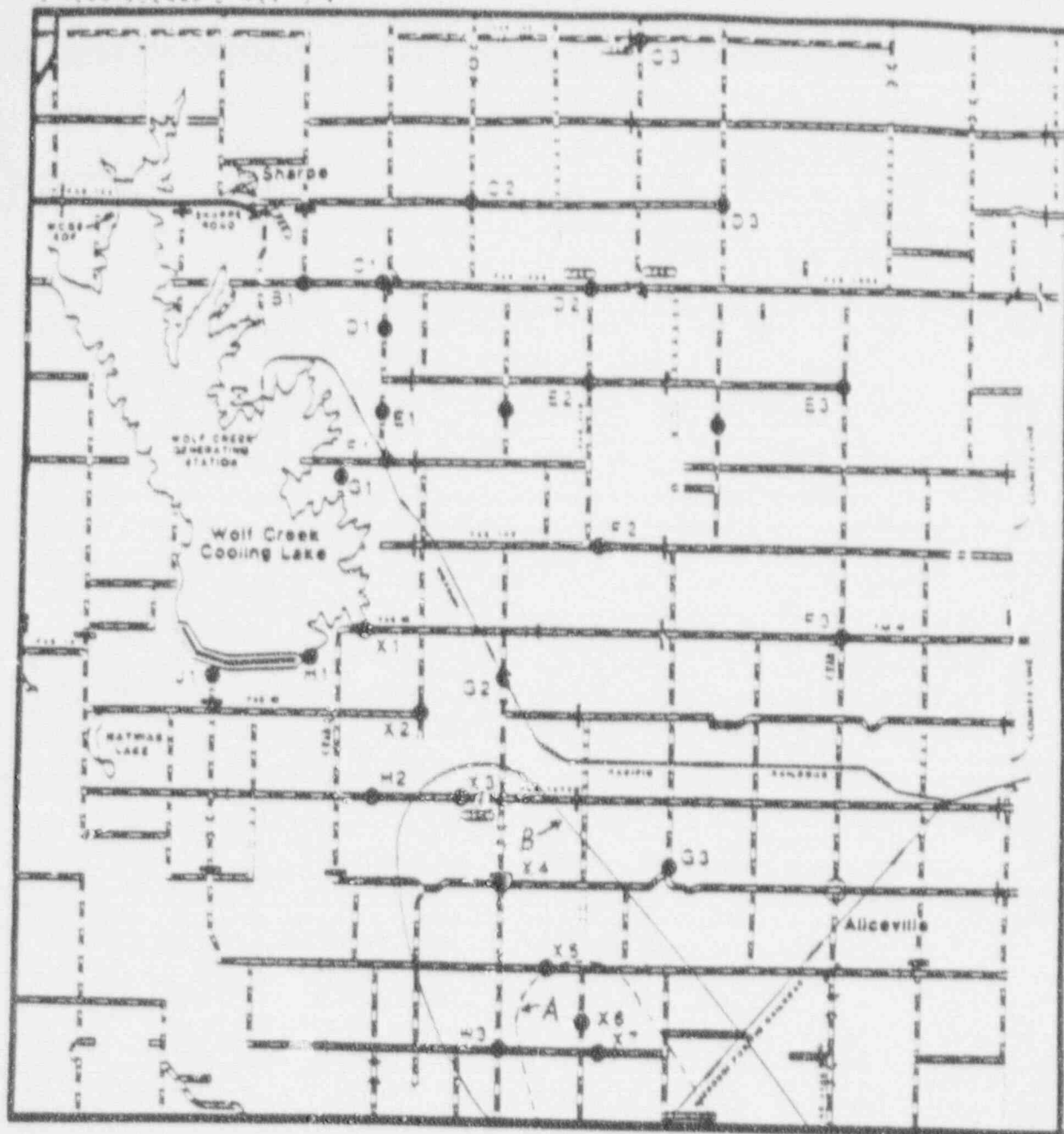
MAP 1: AIR CONCENTRATION AND DOSE RATES

Time	Isopleth/ Location	Open Window Dose Rate (mR/hr)	Closed Window Dose Rate (mR/hr)	Iodine Concentration (uCi/cc)	Iodine Filter Count Rate (NCPM/20 cu. ft.)	Particulate Filter Count Rate (NCPM/20 cu. ft.)
1200 (H+04:30)	A	12	6.0		30,000	
	B	3.5	1.5		11,000	
	C	1.0	.5		7,000	
	D	.5	.2		2,000	
	X1	180	138	2.48E-5	29,958	(23 mR/hr)
	X2	94	72	1.30E-5	15,704	(12 mR/hr)
	X3	54	49	8.94E-6	10,799	(8.2 mR/hr)
	X4	45	35	6.46E-6	7,803	(6.0 mR/hr)
	X5	38	29	5.79E-6	6,994	(5.0 mR/hr)
	X6	30	23	4.53E-6	5,472	(4.0 mR/hr)
	X7	27	21	4.16E-6	5,025	(3.5 mR/hr)



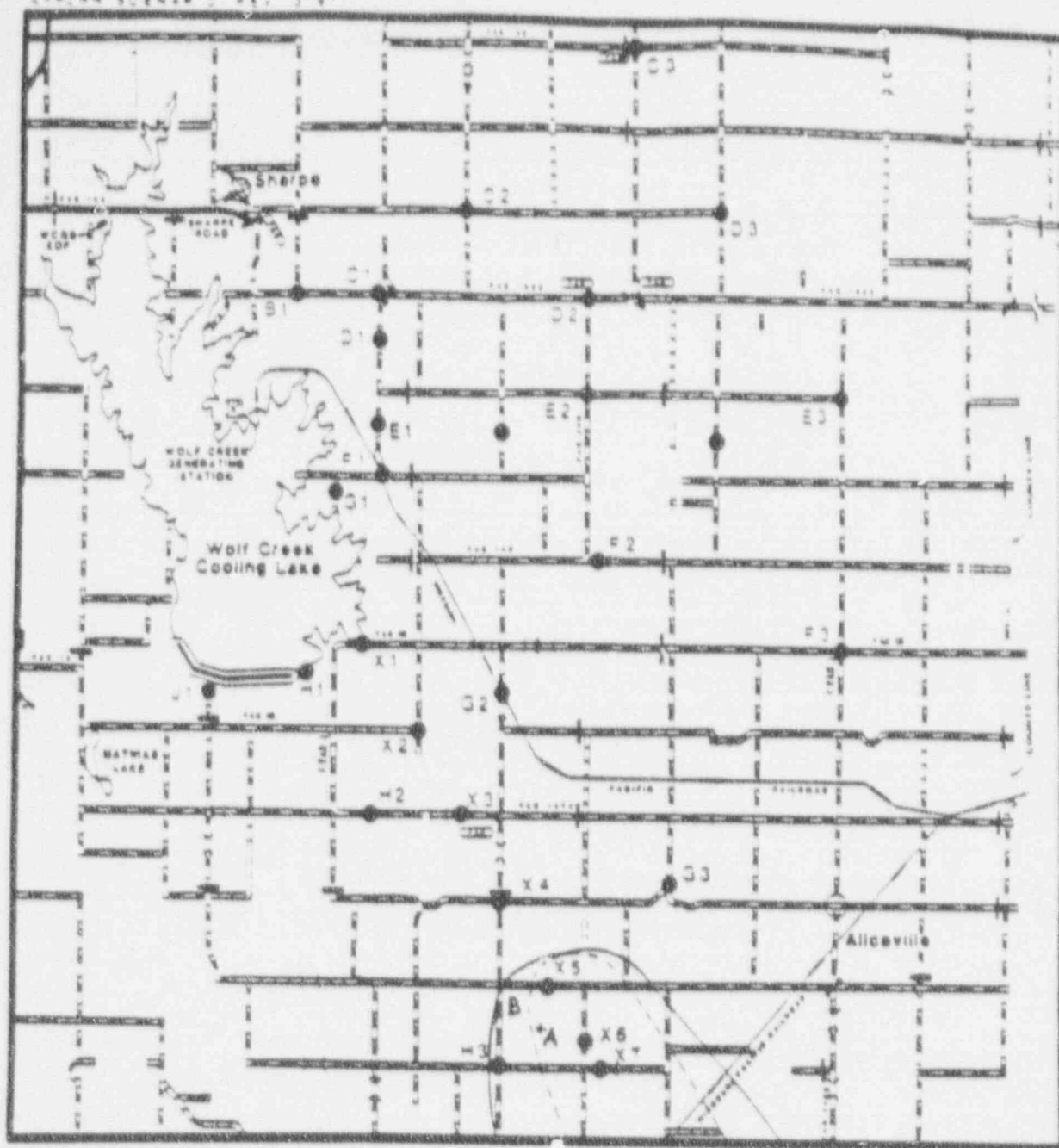
MAP 1: AIR CONCENTRATION AND DOSE RATES

Time	Isopleth/ Location	Open Window Dose Rate (mR/hr)	Closed Window Dose Rate (mR/hr)	Iodine Concentration (uCi/cc)	Iodine Filter Count Rate (NCPM/20 cu. ft.)	Particulate Filter Count Rate (NCPM/20 cu. ft.)
1215 (H+04:45)	A	1.0	.5		7,000	
	B	.5	.2		3,500	
	X1	170	132	2.24E-5	27,059	(21 mR/hr)
	X2	90	69	1.17E-5	14,133	(11 mR/hr)
	X3	60	46	8.29E-6	10,014	(8.0 mR/hr)
	X4	43	33	5.99E-6	7,235	(5.5 mR/hr)
	X5	36	28	5.09E-6	6,148	(4.5 mR/hr)
	X6	28	22	3.98E-6	4,807	(4.0 mR/hr)
	X7	26	20	3.66E-6	4,421	(3.5 mR/hr)



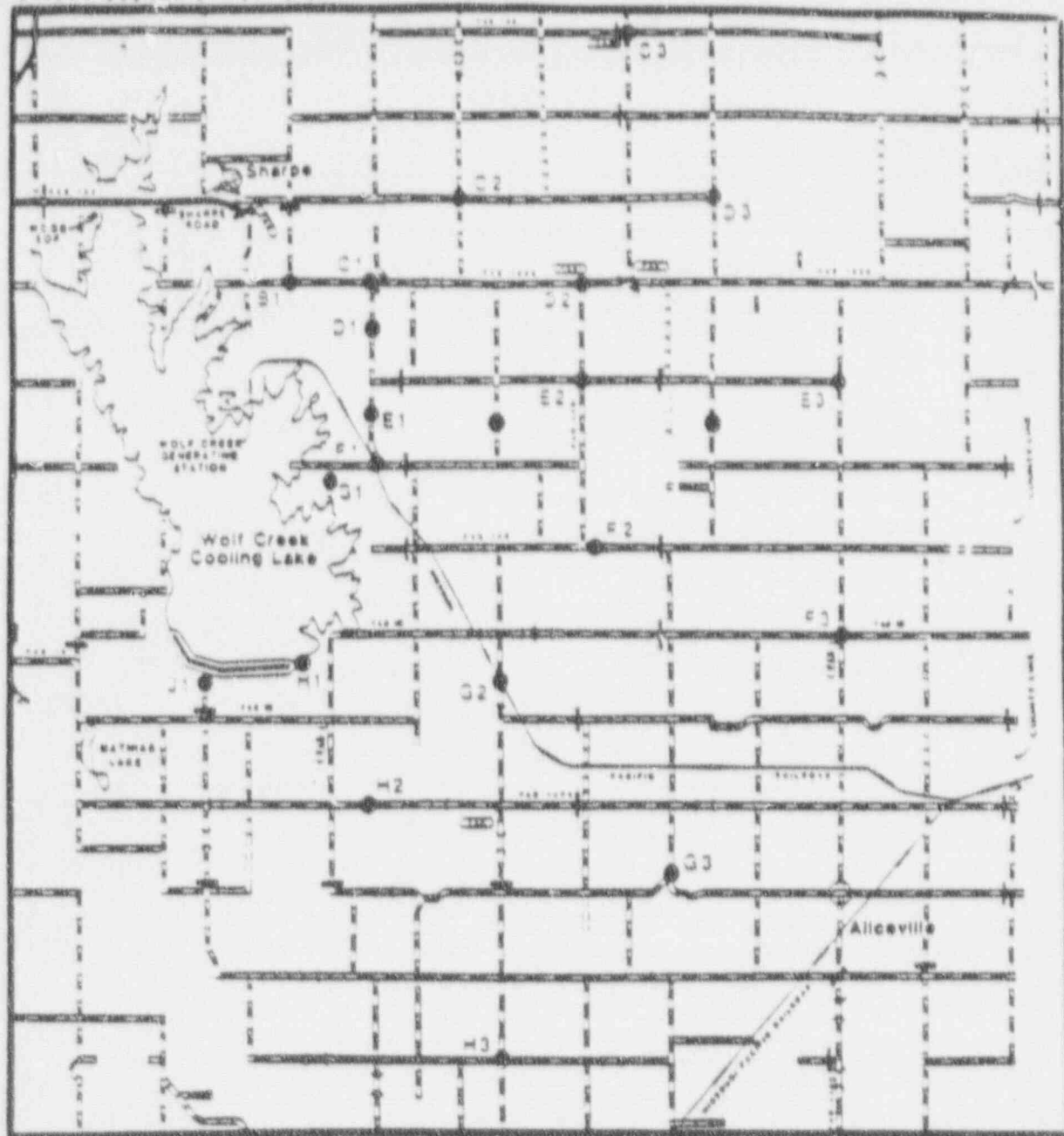
MAP 1: AIR CONCENTRATION AND DOSE RATES

Time	Isopleth/ Location	Open Window Dose Rate (mR/hr)	Closed Window Dose Rate (mR/hr)	Iodine Concentration (uCi/cc)	Iodine Filter Count Rate (NCPM/20 cu. ft.)	Particulate Filter Count Rate (NCPM/20 cu. ft.)
1230 (H+05:00)	A	1.0	.5		4,500	
	B	.5	.2		3,000	
	X3	57	44	7.50E-6	9,060	(7.0 mR/hr)
	X4	42	32	5.42E-6	6,547	(5.0 mR/hr)
	X5	34	26	4.72E-6	5,701	(4.5 mR/hr)
	X6	27	21	3.69E-6	4,457	(3.5 mR/hr)
	X7	25	19	3.39E-6	4,095	(3.0 mR/hr)



MAP 1: AIR CONCENTRATION AND DOSE RATES

Time	Isopleth/ Location	Open Window Dose Rate (mR/hr)	Closed Window Dose Rate (mR/hr)	Iodine Concentration ($\mu\text{Ci}/\text{CC}$)	Iodine Filter Count Rate (NCPM/20 cu. ft.)	Particulate Filter Count Rate (NCPM/20 cu. ft.)
1245 (H+05:15)	A	.5	1.2		5,000	
	B	.2	.2		2,500	
	X5	32	25	4.27E-6	5,158	(4.0 mR/hr)
	X6	26	20	3.34E-6	4,034	(3.0 mR/hr)
	X7	23	18	3.07E-6	3,708	(3.0 mR/hr)



MAP 1: AIR CONCENTRATION AND DOSE RATES

Time	Isopleth/ Location	Open Window Dose Rate (mR/hr)	Closed Window Dose Rate (mR/hr)	Iodine Concentration (uCi/cc)	Iodine Filter Count Rate (NCPM/20 cu. ft.)	Particulate Filter Count Rate (NCPM/20 cu. ft.)
1300 (H+05:30)	N/A	--	--	--	--	--

MAP II: PLUME DEPOSITION

Data for surface deposition/contamination of radioactive materials due to plume passage is provided in this section. Data is presented in the format which would be available from readings taken at one meter (waist level), direct contact frisks and from smear samples of 100 cm² areas which are then counted by a frisker. Values do not include background count rates, which should be added by the controllers, as appropriate.

Data is presented as follows:

Plume Isopleths (1, 2, 3, etc.): The controller should use the value for the nearest isopleth or should interpolate values between isopleths as appropriate.

All environmental samples measure less than 1.0 mR/hr (closed window) at one foot from the sample container.

During the previous day, there were intermittent showers in the vicinity of Iola.

DEPARTMENT OF ENERGY
AERIAL SURVEY OF WOLF CREEK AREA
PLUME DEPOSITION

DATE: August 08, 1991

Time of Survey: 24 hours Post-Release

Estimated cosmic contribution to area background: 3.7 uR/hr

Highest measured area background (non-plume area): 12.3 uR/hr

Background CPM - 30

CONTOUR MAP CONVERSION SCALE:

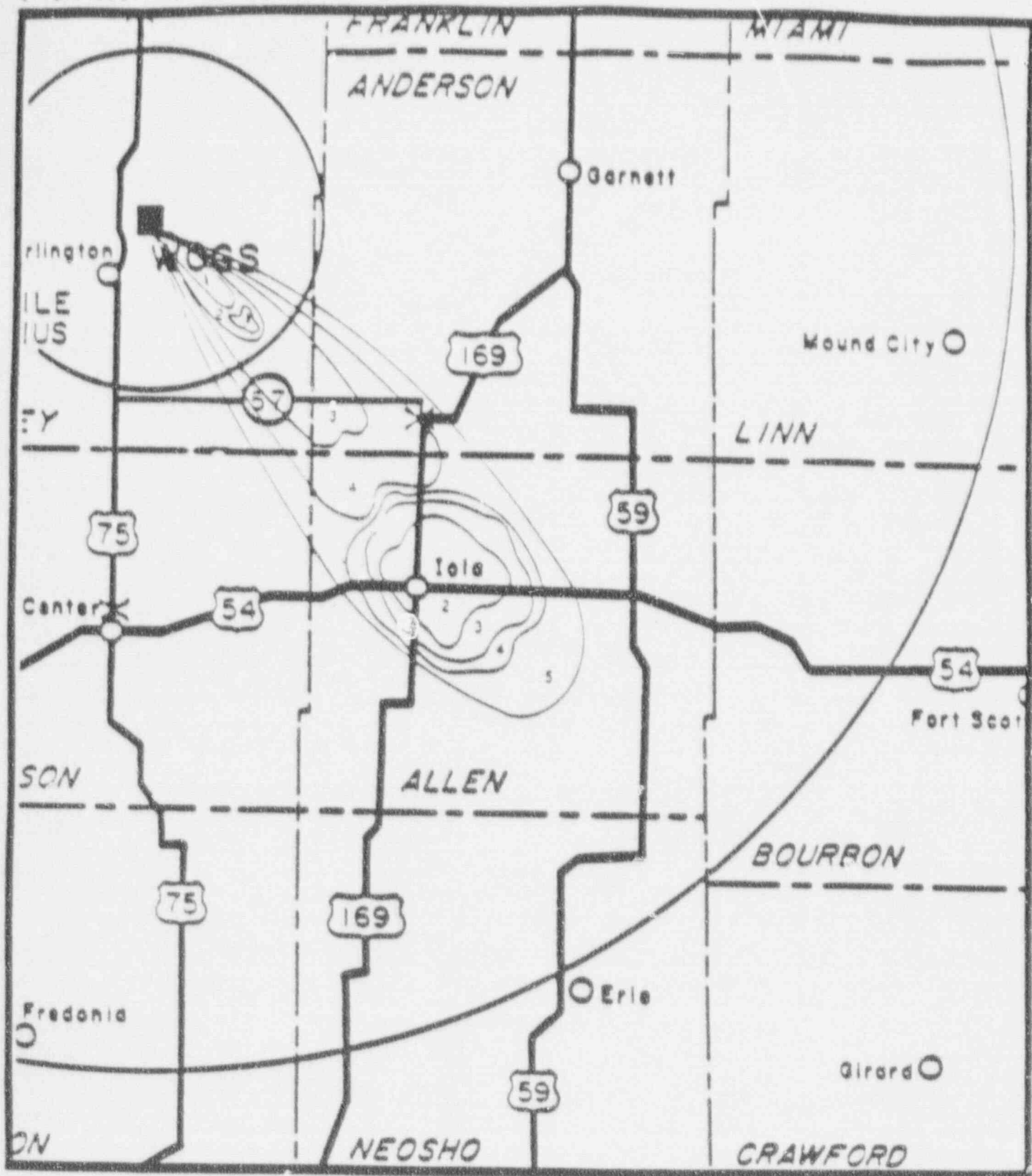
ISOPLETH LABEL	EXPOSURE RATE AT 1 METER (uR/hr) (a)	DIRECT FRISK (CPM) (b)	100 CM ² SMEARS (CPM) (c)
1	2,500	5,000	10,000
2	1,000	2,000	4,000
3	500	1,000	2,000
4	250	500	1,000
5	30	30	30
6	<30	<30	<30

(a) Calculated from aerial data obtained at an altitude of 91 meters (300 feet):

Area within Isopleth 1, near the plant, has maximum exposure rate of about 5,000 mR/hr, direct frisk of 10,000 CPM and smears of 20,000 CPM.

(b) Direct frisk based on 2 uR/CPM

(c) Smear activities based on ratio of 100 cm²/probe area (~6), and transfer of ~30%.



PLUME DEPOSITION
24 HOURS POST-RELEASE

DEPARTMENT OF ENERGY
AERIAL SURVEY OF WOLF CREEK AREA
PLUME DEPOSITION

DATE: August 10, 1991

Time of Survey: 72 hours Post-Release

Estimated cosmic contribution to area background: 3.7 uR/hr

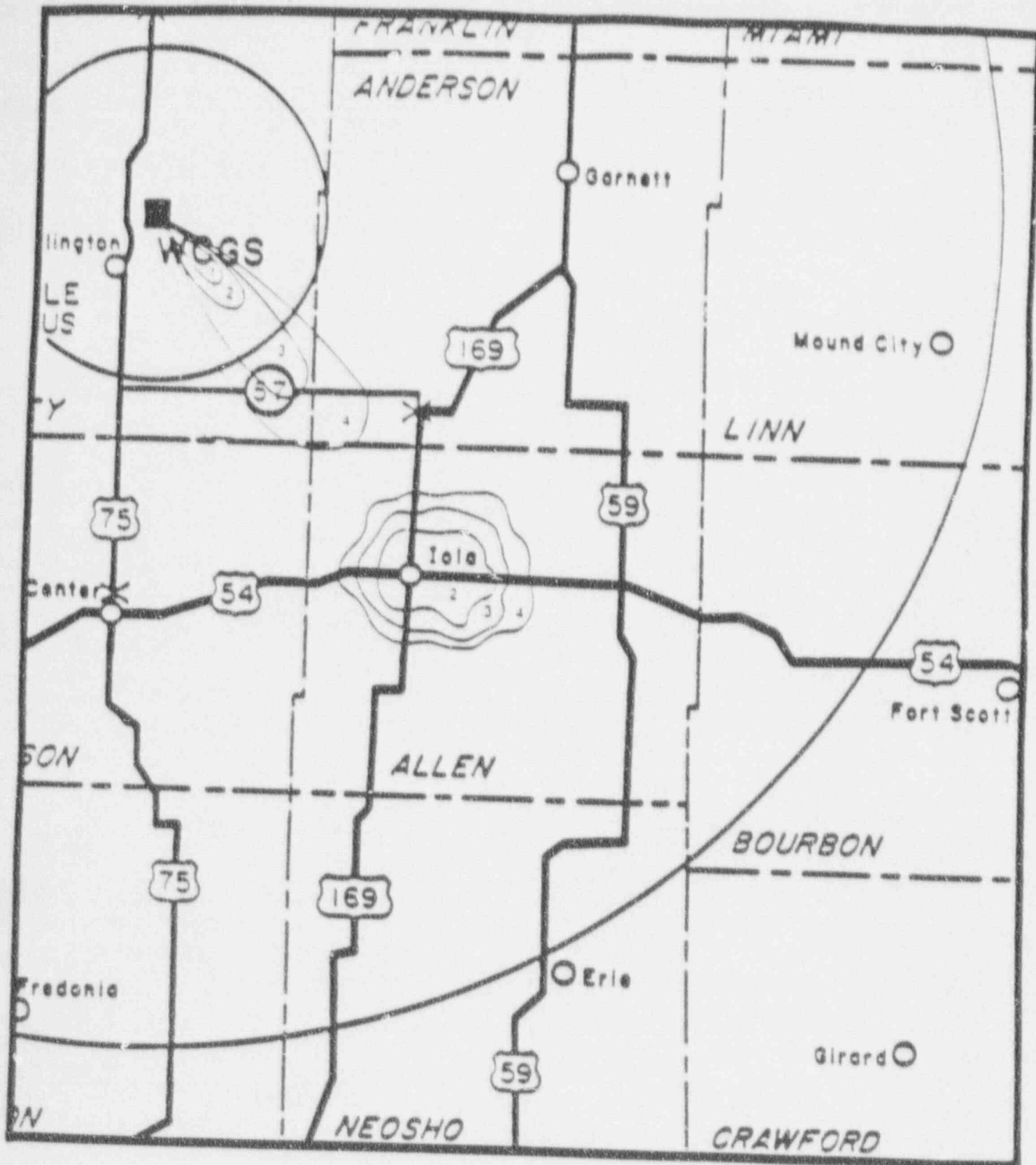
Highest measured area background (non-plume area): 12.3 uR/hr

Background CPM = 30

CONTOUR MAP CONVERSION SCALE:

ISOPLETH LABEL	EXPOSURE RATE AT 1 METER* (uR/hr)	DIRECT FRISK (CPM)	100 cm ² SMEARS (CPM)
1	1,000	2,000	4,000
2	500	1,000	2,000
3	250	500	1,000
4	30	30	30
All areas outside Isopleth 4	<30	<30	<30

* Calculated from aerial data obtained at
an altitude of 91 meters (300 feet).



PLUME DEPOSITION
72 HOURS POST-RELEASE

DEPARTMENT OF ENERGY
AERIAL SURVEY OF WOLF CREEK AREA
PLUME DEPOSITION

DATE: August 15, 1991

Time of Survey: 192 hours Post-Release

Estimated cosmic contribution to area background: 3.7 uR/hr

Highest measured area background (non-plume area): 12.3 uR/hr

Background CPM - 30

CONTOUR MAP CONVERSION SCALE:

<u>ISOPLETH LABEL</u>	<u>EXPOSURE RATE AT 1 METER* (uR/hr)</u>	<u>DIRECT FRISK (CPM)</u>	<u>100 cm² SMEARS (CPM)</u>
1	250	500	1,000
2	30	30	30
All areas outside Isopleth 2	<30	<30	<30

* Calculated from aerial data obtained at
an altitude of 91 meters (300 feet).



PLUME DEPOSITION
192 HOURS POST-RELEASE

MAP III: INGESTION PATHWAY RESPONSE LEVELS AND RADIOLOGICAL DATA

For this ingestion pathway exercise, three time frames are used: 24 hours post-release, 72 hours post-release and 192 hours post-release. The time-related ingestion pathway radiological data and maps are provided in the following section. The data is presented in the units in which it would normally be available to the State Radiological Assessment Manager (RAM), from the State Laboratory. Data is presented for Forage, Milk, Deposition, Drinking Water, Produce and Leafy Vegetable.

The controller should use the value for the nearest isopleth or should interpolate values between isopleths as appropriate. The form for the controller to transmit data is contained on page 8.27. These forms will be completed using the appropriate maps/tables starting on page 8.21.

The derived response levels for the Preventive Protective Action Guide (PAG) and Emergency PAG for the ingestion of contaminated foodstuff and water are contained on page 8.20

RESPONSE LEVELS FOR PREVENTIVE AND EMERGENCY PAG*

<u>DEPOSITION ($\mu\text{Ci}/\text{m}^2$)</u>		
	<u>Preventive</u>	<u>Emergency</u>
I-131	0.13	1.3
Cs-134	2	20
Cs-137	3	30
Sr-90	0.5	5
Sr-89	8	80

<u>FORAGE ($\mu\text{Ci}/\text{kg}$)</u>		
I-131	0.05	0.5
Cs-134	0.8	8
Cs-137	1.3	13
Sr-90	0.18	1.8
Sr-89	3	30

<u>MILK Peak Activity ($\mu\text{Ci}/\text{l}$)</u>		
I-131	0.015	0.15
Cs-134	0.15	1.5
Cs-137	0.24	2.4
Sr-90	0.009	0.09
Sr-89	0.14	1.4

<u>DRINKING WATER ($\mu\text{Ci}/\text{l}$)</u>		
	<u>Preventive</u>	<u>Emergency</u>
I-131	0.025	0.25
Cs-134	0.94	9.4
Cs-137	1.6	16.0
Sr-90	0.045	0.45
Sr-89	0.59	5.9

<u>LEAFY VEGETABLE ($\mu\text{Ci}/\text{kg}$)</u>		
I-131	0.67	6.7
Cs-134	0.95	9.5
Cs-137	1.10	11.0
Sr-90	0.021	0.21
Sr-89	0.38	3.8

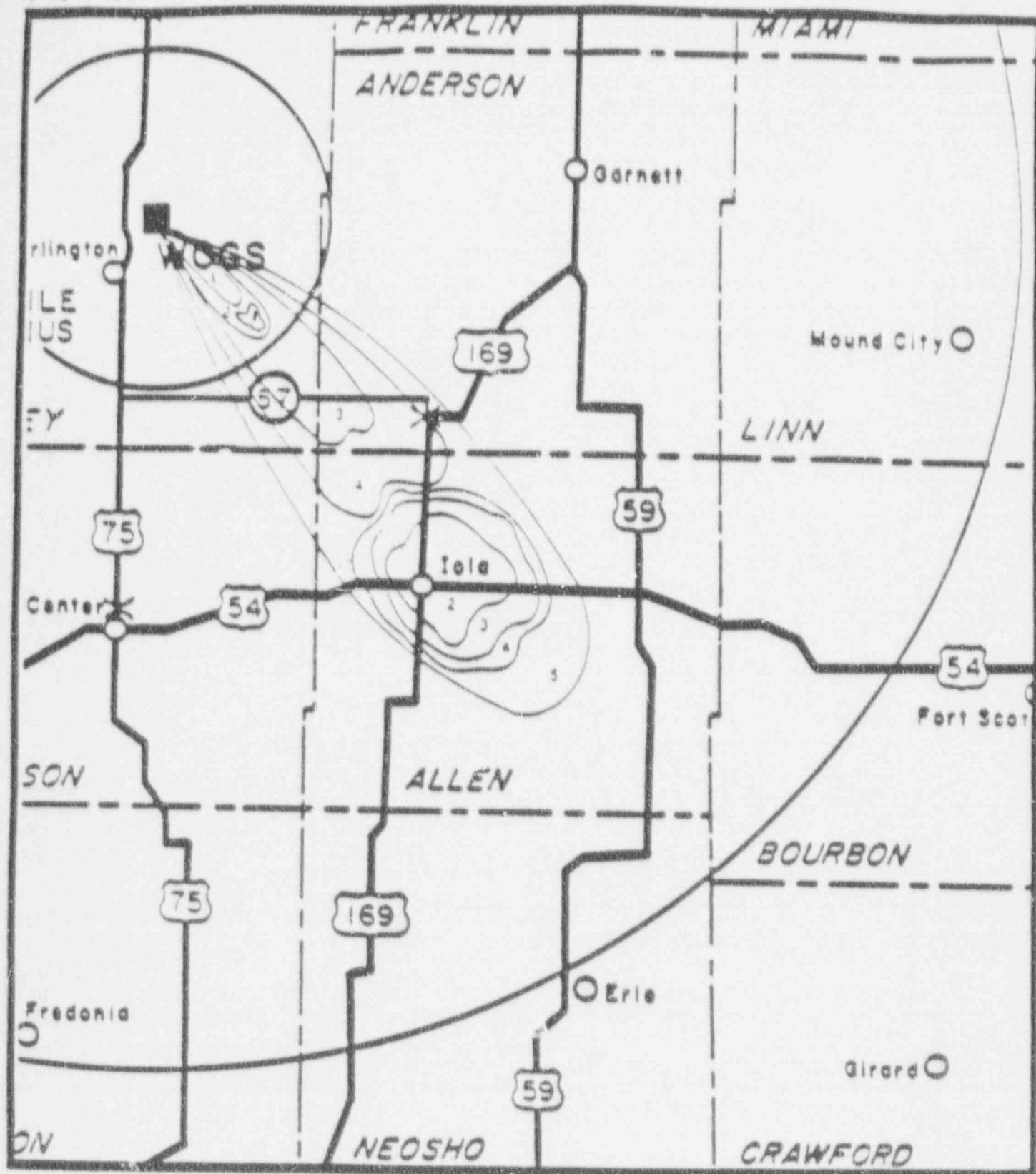
<u>PRODUCE** ($\mu\text{Ci}/\text{kg}$)</u>		
I-131	0.033	0.33
Cs-134	0.047	0.47
Cs-137	0.054	0.54
Sr-90	0.001	0.01
Sr-89	0.019	0.19

* Preventive PAG - The projected dose commitment value at which responsible officials should take protective actions having minimal impact to prevent or reduce the radioactive contamination of human food or animal feeds.

* Emergency PAG - The projected dose commitment value at which responsible officials should isolate food containing radioactivity to prevent its introduction into commerce and at which the responsible officials should determine whether condemnation or another disposition is appropriate.

** Produce - Non-leafy vegetables, fruits, and grains

NOTE - Child is the critical segment of the population for the Produce and Leafy Vegetable derived response levels, while Infant is the critical segment of the population used for the other derived response levels.



PLUME DEPOSITION - 24 HOURS POST-RELEASE
(INGESTION PATHWAY MAP)

INGESTION PATHWAY RADIOLOGICAL DATA

Day 2

24 HOURS POST RELEASE

	DEPOSITION ($\mu\text{Ci}/\text{m}^2$)	FORAGE ($\mu\text{Ci}/\text{kg}$) a	MILK ($\mu\text{Ci}/\text{l}$)	DRINKING WATER ($\mu\text{Ci}/\text{l}$) b	LEAFY ($\mu\text{Ci}/\text{kg}$) c	PRODUCE ($\mu\text{Ci}/\text{kg}$) d
<u>ISOPLETH 1</u>						
I-131	1.5	0.750	0.091	1.50E-03	0.375	0.019
CS-134	5.86	2.930	0.213	5.86E-03	1.465	0.073
CS-137	7.03	3.515	0.273	7.03E-03	1.758	0.088
SR-90	0.837	0.419	N/A ^e	8.37E-04	0.209	0.010
SR-89	31.3	15.650	N/A	3.13E-02	7.825	0.391
<u>ISOPLETH 2</u>						
I-131	0.48	0.240	0.030	4.80E-04	0.120	0.006
CS-134	2.828	1.414	0.114	2.83E-03	0.707	0.035
CS-137	2.7	1.350	0.104	2.70E-03	0.675	0.034
SR-90	0.212	0.106	N/A	2.12E-04	0.053	0.003
SR-89	6.286	3.143	N/A	6.29E-03	1.572	0.079
<u>ISOPLETH 3</u>						
I-131	0.13	0.065	0.008	1.30E-04	0.033	0.002
CS-134	0.448	0.224	0.016	4.48E-04	0.112	0.006
CS-137	0.428	0.214	0.015	4.28E-04	0.107	0.005
SR-90	0.06	0.030	N/A	6.00E-05	0.015	0.001
SR-89	1.79	0.895	N/A	1.79E-03	0.448	0.022
<u>ISOPLETH 4</u>						
I-131	0.048	0.024	0.003	4.80E-05	0.012	0.001
CS-134	0.1905	0.095	0.008	1.90E-04	0.048	0.002
CS-137	0.2325	0.116	0.009	2.33E-04	0.058	0.003
SR-90	0.036	0.018	N/A	3.60E-05	0.009	0.000
SR-89	0.684	0.342	N/A	6.84E-04	0.171	0.009
<u>ISOPLETH 5</u>						
I-131	0.005	0.003	0.003	5.00E-06	0.001	0.000
CS-134	0.056	0.028	0.002	5.60E-05	0.014	0.001
CS-137	0.068	0.034	0.003	6.80E-05	0.017	0.001
SR-90	0.01	0.005	N/A	1.00E-05	0.003	0.000
SR-89	0.2	0.100	N/A	2.00E-04	0.050	0.003

- Assume average forage yield of $2\text{kg}/\text{m}^2$
- Water concentration based on deposition over the surface of a body of water with an average depth of 1 meter.
- Leafy - Leafy vegetables
- Produce - Non-leafy vegetables, fruits and grains
- N/A - Not available



PLUME DEPOSITION - 72 HOURS POST-RELEASE
(INGESTION PATHWAY MAP)

INGESTION PATHWAY RADIOLOGICAL DATA

Day 4

72 HOURS POST RELEASE

	DEPOSITION ($\mu\text{Ci}/\text{m}^2$)	FORAGE ($\mu\text{Ci}/\text{kg}$) a	MILK ($\mu\text{Ci}/\text{l}$)	DRINKING WATER ($\mu\text{Ci}/\text{l}$) b	LEAFY ($\mu\text{Ci}/\text{kg}$) c	PRODUCE ($\mu\text{Ci}/\text{kg}$) d
<u>ISOPLETH 1</u>						
I-131	0.9	0.450	0.172	9.00E-04	0.225	0.011
CS-134	3.516	1.758	0.44	3.52E-03	0.879	0.044
CS-137	4.218	2.109	0.562	4.22E-03	1.055	0.053
SR-90	0.5022	0.251	N/A	5.02E-04	0.126	0.006
SR-89	18.78	9.390	N/A	1.88E-02	4.695	0.235
<u>ISOPLETH 2</u>						
I-131	0.288	0.144	0.056	2.88E-04	0.072	0.004
CS-134	1.6968	0.848	0.236	1.70E-03	0.424	0.021
CS-137	1.62	0.810	0.24	1.62E-03	0.405	0.020
SR-90	0.1272	0.064	N/A	1.27E-04	0.032	0.002
SR-89	3.7716	1.886	N/A	3.77E-03	0.943	0.047
<u>ISOPLETH 3</u>						
I-131	0.078	0.039	0.014	7.80E-05	0.020	0.001
CS-134	0.2688	0.134	0.035	2.69E-04	0.067	0.003
CS-137	0.2568	0.128	0.034	2.57E-04	0.064	0.003
SR-90	0.036	0.018	N/A	3.60E-05	0.009	0.000
SR-89	1.074	0.537	N/A	1.07E-03	0.269	0.013
<u>ISOPLETH 4</u>						
I-131	0.0288	0.014	0.006	2.88E-05	0.007	0.000
CS-134	0.1143	0.057	0.014	1.14E-04	0.029	0.001
CS-137	0.1395	0.070	0.018	1.40E-04	0.035	0.002
SR-90	0.0216	0.011	N/A	2.16E-05	0.005	0.000
SR-89	0.4104	0.205	N/A	4.10E-04	0.103	0.005

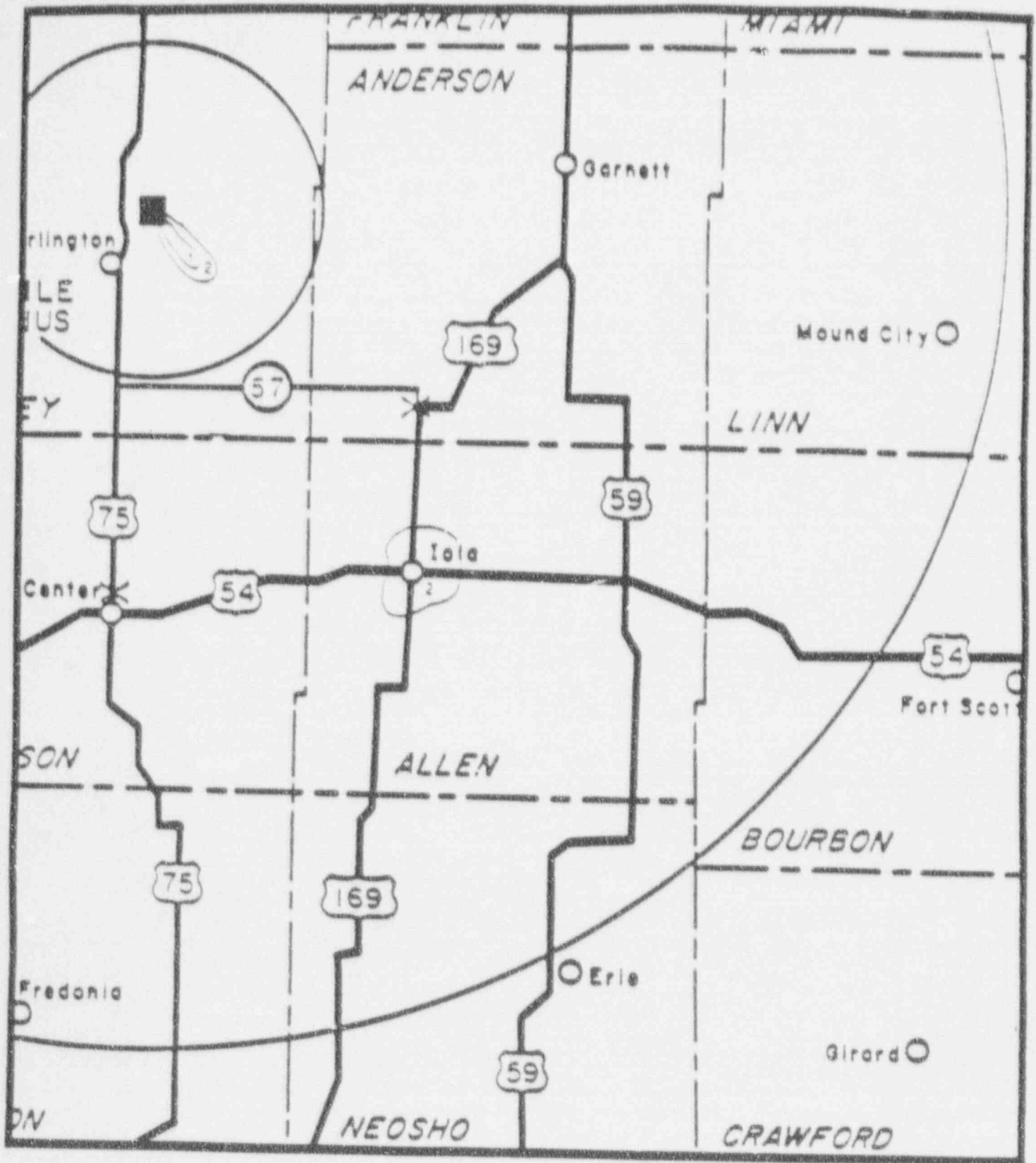
a. Assume average forage yield of $2\text{kg}/\text{m}^2$

b. Water concentration based on deposition over the surface of a body of water with an average depth of 1 meter.

c. Leafy - Leafy vegetables

d. Produce - Non-leafy vegetables, fruits and grains

e. N/A - Not available



PLUME DEPOSITION - 192 HOURS POST-RELEASE
(INGESTION PATHWAY MAP)

INGESTION PATHWAY RADIOLOGICAL DATA

Day 9

192 HOURS POST RELEASE

	<u>DEPOSITION</u> <u>(uCi/m²)</u>	<u>FORAGE</u> <u>(uCi/kg)</u>	<u>MILK</u> <u>(uCi/l)</u>	<u>DRINKING WATER</u> <u>(uCi/l)</u>	<u>LEAFY</u> <u>(uCi/kg)</u>	<u>PRODUCE</u> <u>(uCi/kg)</u>
		a		b	c	d
<u>ISOPLETH 1</u>						
I-131	0.225	0.113	0.103	2.25E-04	0.056	0.003
CS-134	0.879	0.440	0.515	8.79E-04	0.220	0.011
CS-137	1.0545	0.527	0.659	1.05E-03	0.264	0.013
SR-90	0.1255	0.063	N/A ^e	1.26E-04	0.031	0.002
SR-89	4.695	2.348	N/A	4.70E-03	1.174	0.059
<u>ISOPLETH 2</u>						
I-131	0.072	0.036	0.034	7.20E-05	0.018	0.001
CS-134	0.4242	0.212	0.276	4.24E-04	0.106	0.005
CS-137	0.405	0.203	0.252	4.05E-04	0.101	0.005
SR-90	0.0318	0.016	N/A	3.18E-05	0.008	0.000
SR-89	0.9429	0.471	N/A	9.43E-04	0.236	0.012

- a. Assume average forage yield of 2kg/m²
- b. Water concentration based on deposition over the surface of a body of water with an average depth of 1 meter.
- c. Leafy - Leafy vegetables
- d. Produce - Non-leafy vegetables, fruits and grains
- e. N/A - Not available

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT

RADIATION LABORATORY

RESULTS OF ENVIRONMENTAL SAMPLE ANALYSIS

SAMPLE NUMBER: _____

SAMPLE COLLECTION DATE: _____

SAMPLE COLLECTION TIME: _____

SAMPLE TYPE: Deposition / Forage / Milk / Water / Produce / Leafy
(circle one)

AREA/VOLUME COLLECTED: _____

SAMPLE LOCATION: _____

RESULTS OF GAMMA ISOTOPIC ANALYSIS

AT TIME: _____

UNITS: uCi/kg / uCi/l / uCi/m²
(circle one)

Isotope

I-131

Cs-134

Cs-137

Sr-90

Sr-89

Comments:

SECTION 9.0

CONTROLLER ASSIGNMENTS AND INSTRUCTIONS

<u>Subsections</u>	<u>Page</u>
ASSIGNMENTS	9.1
INSTRUCTIONS	9.3

CONTROLLER ASSIGNMENTS

<u>ASSIGNMENT</u>	<u>NAME</u>
Lead Controllers	Mark Schreiber
	Ken Craighead
CR Lead Controller	
CR Operations	
CR Communications	
TSC Lead Controller	
TSC Dose Assessment	
TSC Engineering	
TSC Communications	
TSC Rad. Team	
OSC Lead Controller	
OSC Health Physics	
OSC Onsite Teams (4)	
PASS Team	
OSC Offsite Monitoring Teams (2)	
Security Accountability Controller	
EOF Lead Controller	
EOF Engineering	
EOF Dose Assessment	
EOF Rad Team	
EOF Communications	
EOF Joint Radiological Monitoring Team (2)	
WDEC Lead Controller	
Media Inquiry (4)	
Public Concern/Media Messenger (3)	
Media Monitoring (2)	

CONTROLLER ASSIGNMENTS

<u>ASSIGNMENT</u>	<u>NAME</u>
IC/MRC Lead Controller	_____
IC Controller	_____
MRC Controller	_____
MRC Media (4)	_____

St. Francis Regional Medical Center - (Aug. 6)	_____
Lyon County Ambulance	_____
County EOC (2)	_____

LeRoy School - (Aug. 8)	_____
State EOC (2)	_____

State Rad. Lab	_____
State Forward Staging Area	_____
KCP&L Office	_____

Lyon County Ambulance/St. Francis Regional Medical Center will be controlled by Lisa Harhold on August 6.	
Anderson County activities will be controlled/ evaluated by Brian Winzenried on August 6.	
The Control Room Simulator will be operated by Dale Moses, Dave Fehr and Glenn Reeves.	
The RRIS Computer will be controlled by Mary Brinkman.	

CONTROLLER INSTRUCTIONS

Controller instructions define the types of interactions and conduct expected from controllers. The instructions included in the following subsection must be adhered to since controllers will at times have a direct input into the development of scenario activities and subsequently the success of the drill.

CONTROLLER INSTRUCTIONS

- A. Controllers shall pre-position themselves in the appropriate emergency response facility no later than 30 minutes prior to the commencement of Exercise activities.
- B. Controllers must comply with instructions from the Exercise Lead Controller.
- C. Prior to the commencement of Exercise activities, controllers shall test telecommunications to ensure operable communication links to the Exercise Lead Controller.
- D. Prior to the commencement of Exercise activities, controllers shall synchronize their watches through the Exercise Lead Controller to ensure the coordinated dispatch of time-related messages and data.
- E. Controller messages specifically scenario, onsite, offsite and public information messages must be approved by the facility Lead Controller prior to issuance.
- F. Special messages and messages designated as contingency must be approved by the Exercise Lead Controller prior to issuance.
- G. Information regarding scenario events or data must only be provided upon request from the appropriate players.
- H. Information regarding scenario events or data must not be provided prior to the times noted on the message or data sheets.
- I. Controllers are also assigned as evaluators, and must follow the Evaluator's Instructions as listed in Section 10.0.
- J. Controllers will ensure that players do not use radios in Area 5 of the plant.

SECTION 10.0

EVALUATOR ASSIGNMENTS AND INSTRUCTIONS

<u>Subsections</u>	<u>Page</u>
Evaluator Assignments	10.1
Evaluator Instructions	10.2
Evaluation Checklists	10.5
Evaluation Summary	10.6
Control Room	10.7
Security	10.9
Technical Support Center	10.10
PASS/Onsite Survey/ERDC Team	10.13
Operations Support Center	10.14
Offsite Monitoring Team/ Joint Radiological Monitoring Team	10.16
Emergency Operations Facility	10.18
Information Clearinghouse/ Media Release Center	10.21
KCP&L General Office	10.22
Media Inquiry	10.23
Public Concern	10.24
Media Monitoring	10.25
County EOC	10.26
State EOC	10.33
State Forward Staging Area	10.39
LeRoy School	10.42
County Shop	10.44
Lyon County Ambulance	10.48
St. Francis Regional Medical Center	10.49
Host County - Anderson	10.59

Evaluation Log Sheets

EVALUATOR ASSIGNMENTS

Evaluator assignments are the same as the controller assignments as designated in Section 9.0.

Controllers shall evaluate the Exercise play in the same functional area that they have been assigned a controller position. The Exercise Lead Controller and facility Lead Controllers shall assume the responsibilities of Exercise Lead Evaluator and facility Lead Evaluators respectively.

EVALUATOR INSTRUCTIONS

Evaluator instructions defining the type of interactions and conditions expected from evaluators are included in the following subsection.

All instructions included in the following subsection must be adhered to since evaluators will at times have a direct input into the success of the Exercise.

EVALUATOR INSTRUCTIONS

- A. Evaluators shall pre-position themselves in the appropriate emergency response facility no later than 30 minutes prior to the commencement of Exercise activities, 0700 (H-00:30).
- B. Evaluators must comply with instructions from the Exercise Lead Evaluator.
- C. Prior to the commencement of Exercise activities, evaluators shall synchronize their watches through the Exercise Lead Evaluator to ensure a coordinated accounting of Exercise events and player activities.
- D. Interactions with the players must be held to a minimum by all evaluators.
- E. All evaluators shall take detailed notes of player activities utilizing the blank evaluation log sheets. Each evaluator should carefully note the arrival and departure times for players, the times at which major activities or milestones occur, and any problem areas encountered.
- F. Evaluation checklists for the applicable functional area should be completed by each evaluator. The completed checklists will be used to determine if the assigned objectives were satisfactorily demonstrated.
- G. Following the termination of Exercise activities, each Lead Evaluator shall attend per the schedule below, a player's critique of the Exercise activities.

Player Critique Schedule

<u>Person Conducting Critique</u>	<u>Facilities/Teams</u>	<u>Location</u>
DED	TSC, OSC, PASS/ERDC Teams, Security	TSC
DEM	Simulator, EOF, JRMTs	EOF
M.I. Coordinator	Media Inquiry, Media Monitoring, Public Concern	Wichita Office Lunch Room
WC PIO	IC/MRC	MRC
Rumor Control Coordinator	Media Monitoring (KCP&L)	KCP&L G.O.
SDEP Deputy Director	State EOC	State EOC
Coffey County EPC	County EOC	County EOC
To be determined	Medical (St. Francis Regional Medical Center, Lyon County Ambulance)	Hospital

EVALUATOR INSTRUCTIONS

- H. All evaluators shall turn in their evaluation logs and checklists to the Exercise Lead Evaluator before the controller/evaluator critique the morning of August 9.
- I. All Lead Evaluators shall submit a formal critique to be completed following the termination of Exercise activities. The format of the critique will be as follows:
 - 1.) Summary of Events and Overall Evaluation
 - 2.) Timeline of Activities
 - 3.) List of Observations, Improvement Items and Deficiencies
- J. The facility Lead Evaluators shall ensure that players' paperwork, logs, notification forms, etc. produced in the course of Exercise activities are turned into the Exercise Lead Evaluator during the controller/evaluator critique.
- K. The facility Lead Evaluators shall ensure that players' comments stated during the players' critique are recorded and turned into the Exercise Lead Evaluator during the controller/evaluator critique.
- L. All facility Lead Evaluators shall attend the Licensee's Formal Self-Critique which follows the controller/evaluator critique.

EVALUATION CHECKLISTS

Evaluation checklists are included in the following subsection.

Checklists are categorized by facility or response function and then into specific objectives to be demonstrated by that facility or response function. The objectives provided in the checklists correspond to the objectives to be demonstrated as identified in the matrices in Section 2.0.

The Evaluation Summary (following the Evaluation Checklists) should list the most significant positive or negative items noted by the evaluator during the Exercise. The following definitions apply to the headings on the EVALUATION SUMMARY:

Observations: Items which may be reviewed for potential benefits; these may include positive comments.

Improvements

Items: Items where improvement could be made but which do not prevent meeting the objectives of the Exercise.

Deficiencies: Items which indicate the state of emergency preparedness does not provide reasonable assurance that adequate protective measures can and will be taken in the event of a radiological emergency. These items must be corrected within 120 days (10CFR50.54(s)(2)(ii)).

EVALUATION CHECKLISTS

EVALUATION SUMMARY

Evaluator: _____
Assignment: _____

(Use additional pages as required)

OBSERVATIONS:

IMPROVEMENT
ITEMS:

DEFICIENCIES:

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

Control Room

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/C</u>	<u>N/A</u>
I.1. Accident detection and assessment				
a.) Did the Shift Supervisor properly evaluate the earthquake indications?	—	—	—	—
I.2. Emergency classification				
a.) Was an Alert declared promptly?	—	—	—	—
I.3. Notification of onsite and offsite emergency responders				
a.) Did the CR Communicator complete the Immediate Notification form (Form EP 3.1-1) and call the appropriate personnel within applicable time limits (15 min. for State and County; ASAP and within 1 hour for NRC);				
- for the Alert?	—	—	—	—
b.) Did CR personnel promptly sound the emergency alarm and announce via GAI-tronics Form EP 2.2-3 for the Alert?	—	—	—	—
c.) Were followup notifications made to the State and County every 30 minutes after the Immediate Notification?	—	—	—	—
I.4. Communications				
a.) Were phones and GAI-tronics operable for making notifications or transmitting information?	—	—	—	—
b.) Were radios operable if phones were inoperable?	—	—	—	—

EVALUATION CHECKLISTS

Control Room

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
1.5. Radiological exposure control				
a.) Was CR habitability established?	---	---	---	---
b.) Did the Shift Supervisor authorize overexposure or recommend the use of KI to any WCNO emergency worker?	---	---	---	---
c.) Was this authorization/recommendation based on criteria in EPPs 01-9.1 and 01-9.3?	---	---	---	---
1.6. Protective action recommendations				
a.) Did the Shift Supervisor include any protective action recommendation on the Immediate Notification Forms for the Alert?	---	---	---	---
b.) If a.) is "yes", were the recommendations based on the criteria in EPP 01-10.1?	---	---	---	---
1.8. Shift staffing				
a.) Was a complete Control Room shift complement available during the Exercise?	---	---	---	---

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

Security

Objective

Yes No N/O N/A

I.1. Communications

a.) Were radio communications
accurate and clear?

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

Technical Support Center

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
I.1. Accident detection and assessment				
a.) When the TSC was activated was the DED aware of all significant events prior to that time?	_____	_____	_____	_____
b.) Did the REC promptly request that two Offsite Monitoring Teams be dispatched?	_____	_____	_____	_____
c.) Did the DED convene regular managers' meetings and then update the balance of the TSC staff on the event status?	_____	_____	_____	_____
d.) Did the TSC personnel actively support the Control Room's efforts to identify the cause of the incident and mitigate it?	_____	_____	_____	_____
e.) Did the TSC Engineering Team work with the EOF Engineering Teams to determine short and long range solutions to the incident?	_____	_____	_____	_____
f.) Were EKDC Teams requested for dispatch to problem areas promptly?	_____	_____	_____	_____
g.) Were the status boards maintained regularly and accurately?	_____	_____	_____	_____
I.2. Emergency classification				
a.) Was the Site Area Emergency promptly declared by the DED?	_____	_____	_____	_____

EVALUATION CHECKLISTS

Technical Support Center

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
1.3. Notification of onsite and offsite emergency responders				
a.) Did the TSC Communicator complete the Immediate Notification Form (Form EP 3.1-1) and call the appropriate personnel within applicable time constraints (15 min. - State, County; ASAP and within one hour - NRC)?	---	---	---	---
NOTE: NRC communications may be performed by the ENS Communicator.				
b.) Did the CR sound the Plant Emergency Alarm and announce, via GAI-tronics, Form EP 2.2-3: - for a Site Area Emergency?	---	---	---	---
c.) Were followup notifications made to the State and County every 30 minutes after the Immediate Notification?	---	---	---	---
d.) Were the State, County and NRC notified of TSC activation?	---	---	---	---
1.4. Communications				
a.) Were the following types of communication operable during the Exercise: - Phones - Radios - GAI-tronics	---	---	---	---
1.5. Radiological exposure control				
a.) Did the DED authorize overexposure or recommend the use of KI to any WCNO emergency worker?	---	---	---	---

EVALUATION CHECKLISTS

Technical Support Center

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
b.) Was this authorization/recommendation based on criteria in EPPs 01-9.1 and 01-9.3?	---	---	---	---
c.) Was TSC habitability established and verified at least every hour?	---	---	---	---
I.6. Protective action recommendations				
a.) Did the DED include any protective action recommendations on the Immediate Notification Forms for the GE?	---	---	---	---
b.) If a.) is 'yes', were these recommendations based on discussions with the REC and OEC?	---	---	---	---
c.) Were PARs posted correctly on the status boards and the notification form?	---	---	---	---
d.) Were the PARs followed up by the DED with the County/State as to the status of their implementation?	---	---	---	---
e.) Were Offsite Monitoring Teams aware of the PARs?	---	---	---	---
I.8. Shift staffing				
a.) Was the TSC activated within 30 minutes after the Alert was classified?	---	---	---	---
b.) Was a complete TSC shift complement available during the Exercise?	---	---	---	---

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

PASS/Onsite Survey/ERDC Team

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
I.4. Communications				
a.) Were the radios in the emergency cabinet operable?	---	---	---	---
I.5. Radiological exposure control				
a.) Was respiratory protection required for the Team's assignment?	---	---	---	---
b.) If a.) is "yes", was the proper equipment available and used?	---	---	---	---
c.) Were Team members supplied with correct range dosimetry and TLDs?	---	---	---	---
d.) If samples were obtained, were they handled in a way to minimize exposure?	---	---	---	---

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

Operations Support Center

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
I.1. Accident detection and assessment				
a.) Were Onsite Survey Teams/ERDC Teams briefed on:				
- radiation/contamination levels	___	___	___	___
- route to and from work area	___	___	___	___
- Dosimetry, PC, respirator requirements	___	___	___	___
- allowable doses or stay time	___	___	___	___
- air monitoring and radiological control requirements	___	___	___	___
- their team identification	___	___	___	___
I.4. Communications				
a.) Were the Teams in radio or GAI-tronics contact with the TSC or OSC at all times?	___	___	___	___
b.) Were all the radios in the OSC emergency cabinet operable?	___	___	___	___
c.) Were phone communications available between the OSC Supervisor's office and the TSC?	___	___	___	___
I.5. Radiological exposure control				
a.) Was OSC habitability established then verified every hour?	___	___	___	___
b.) Were the Team members issued adequate dosimetry for the radiological conditions they might encounter?	___	___	___	___
c.) Was KI recommended to be taken by any Team member?	___	___	___	___
d.) If c.) is "yes", was KI readily available?	___	___	___	___

EVALUATION CHECKLISTS

Operations Support Center

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/C</u>	<u>N/A</u>
1.8. Shift staffing				
a.) Was the OSC activated within 45 minutes post-classification of the Alert?	---	---	---	---
b.) Were all OSC ERO positions staffed?	---	---	---	---

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

Offsite Monitoring Teams and Joint Radiological Monitoring Teams

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
I.4. Communications				
a.) Were the radios in the emergency cabinet operable?	---	---	---	---
I.5. Radiological exposure control				
a.) Was respiratory protection required for the Team's assignment?	---	---	---	---
b.) If a.) is "yes", was the proper equipment available and used?	---	---	---	---
c.) Were Team members supplied with correct range dosimetry and TLDs?	---	---	---	---
d.) Were Team members briefed on:				
- magnitude and composition of any actual or potential radiological releases	---	---	---	---
- source of leak	---	---	---	---
- expected duration of release	---	---	---	---
- projected or measured offsite dose rates	---	---	---	---
- current and projected meteorological conditions	---	---	---	---
- location to join Offsite Monitoring Team, if applicable	---	---	---	---
e.) Did Team members keep their exposure ALARA by moving to low background areas for counting of samples?	---	---	---	---
f.) Was dosimetry checked periodically?	---	---	---	---

EVALUATION CHECKLISTS

Offsite Monitoring Teams and Joint Radiological Monitoring Teams

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
g.) Were survey instruments used properly?	---	---	---	---
h.) Were personnel, equipment and vehicle checked for contamination?	---	---	---	---
i.) Was decontamination performed properly?	---	---	---	---
j.) Was dosimetry checked and the readings recorded when the Team returned to the EOF?	---	---	---	---

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

Emergency Operations Facility

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
I.1. Accident detection and assessment				
a.) When the EOF was activated, was the DEM aware of all significant events prior to that time?	---	---	---	---
b.) Did the RAM promptly request that 4 Joint Radiological Monitoring Teams (JRMTs) be formed?	---	---	---	---
c.) Did the DEM convene regular managers' meetings and then update the balance of the EOF staff on the event status?	---	---	---	---
d.) Were EOF personnel actively engaged with TSC personnel to mitigate the incident?	---	---	---	---
e.) Did the EOF Engineering Team work with the TSC and WDEC Engineering Teams to determine short, mid- and long range solutions to the incident?	---	---	---	---
I.2. Emergency classification				
a.) Was a General Emergency promptly declared by the DEM?	---	---	---	---
I.3. Notification of onsite and offsite emergency responders				
a.) Did the EOF Communicator complete the Immediate Notification Form (Form EP 3.1-1) and call the appropriate personnel within applicable time constraints (15 min. - State, County; ASAP and within one hour - NRC)?	---	---	---	---
NOTE: NRC Communications may be performed by the ENS communicator.				

EVALUATION CHECKLISTS

Emergency Operations Facility

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/C</u>	<u>N/A</u>
b.) Was an announcement made to EOF personnel about the General Emergency?	---	---	---	---
c.) Were followup notifications made to the State and County every 30 minutes after the Immediate Notification?	---	---	---	---
I.4. Communications				
a.) Were the following communication lines operable:				
- ERO phones	---	---	---	---
- ENS phone	---	---	---	---
- HPN phone	---	---	---	---
- PIC Ringdown	---	---	---	---
- Telecopier	---	---	---	---
I.5. Radiological exposure control				
a.) Did the DEM authorize over-exposure for any WCNOG emergency worker?	---	---	---	---
b.) Was this authorization based on criteria in EPPs 01-9.1 and 01-9.3?	---	---	---	---
c.) Was EOF habitability established and verified at least every hour?	---	---	---	---
d.) Was dosimetry positioned throughout the EOF?	---	---	---	---
e.) Was dosimetry checked periodically?	---	---	---	---
I.6. Protective action recommendations				
a.) Did the DEM include new protective action recommendations on the Immediate Notification Form for the GE?	---	---	---	---

EVALUATION CHECKLISTS

Emergency Operations Facility

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
b.) If a.) is 'yes', were these recommendations based on:				
- dose calculations,	---	---	---	---
- discussions with the RAM and TRM, or	---	---	---	---
- automatic PARs in EPP 01-10.1	---	---	---	---
c.) Were PARs posted correctly on the status boards and the notification form?				
d.) Were PARs discussed with the State RAM and/or the SDEP representative?	---	---	---	---
e.) Were changes in PARs transmitted to the State and County within 15 minutes of being made?	---	---	---	---
f.) Was implementation of the PARs followed up by the DEM as to the status of their implementation?	---	---	---	---
g.) Were JRMTs aware of the current PARs?	---	---	---	---
I.8. Shift staffing				
a.) Was the EOF activated within 90 minutes after the General Emergency classification?	---	---	---	---
b.) Was a complete EOF shift complement available during the Exercise?	---	---	---	---

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

Information Clearinghouse (IC) and Media Release Center MRC

Objective

Yes No N/O N/A

I.4. Communications

a.) Were the following communication lines operable:

- Facility phones?
- PIO Ringdown?
- Telecopier?
- Computer?
- Conference call to Wichita, Kansas City?
- Media phones?

---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---
---	---	---	---

b.) Were any wrong numbers found in the RETD?

---	---	---	---
-----	-----	-----	-----

I.7. Staff augmentation

a.) Was the IC/MRC activated quickly (<45 minutes after arrival) after players were allowed in?

---	---	---	---
-----	-----	-----	-----

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

KCP&L General Office

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
I.4. Communications				
a.) Were the following communication lines operable during the Exercise:				
- Phones?	---	---	---	---
- Telecopier?	---	---	---	---
- Computer?	---	---	---	---
- News conference telecon?	---	---	---	---
I.7. Staff augmentation				
a.) Were KCP&L ERO personnel notified within 30 minutes of the Alert classification?	---	---	---	---

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

Media Inquiry

Objective

Yes No N/O N/A

I.4. Communications

a.) Were the following communication
lines operable during the Exercise:

- Phones?
- Telecopier?
- Computer?

____ ____ ____ ____
____ ____ ____ ____
____ ____ ____ ____

I.7. Staff augmentation

a.) Were Media Inquiry personnel
notified within 30 minutes of
the Alert classification?

____ ____ ____ ____

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

Public Concern

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
I.4. Communications				
a.) Were the phones operable during the Exercise?	---	---	---	---
I.7. Staff augmentation				
a.) Were Public Concern personnel notified within 30 minutes of the Alert classification?	---	---	---	---

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

Media Monitoring

Objective

Yes No N/C N/A

I.4. Communications

a.) Were the following equipment
operable during the Exercise:

- Phones?

- TVs?

- Radios?

- Cassette Recorders?

- VCRs?

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

I.7. Staff augmentation

a.) Were Media Monitoring personnel
notified within 30 minutes of
the Alert classification?

_____	_____	_____	_____
-------	-------	-------	-------

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

Coffey County EOC

Objective

Yes No N/O N/A

1. Demonstrate the ability to monitor, understand and use emergency classification levels (ECLs) through the appropriate implementation of emergency functions and activities corresponding to ECLs as required by the scenario.
 - a. Did the dispatchers use an Immediate Notification Form each time a new ECL was declared?

 - b. Did the dispatchers use a Followup Form for all other notifications?

 - c. Did all EOC personnel use the appropriate call lists for each ECL?
Specific examples include:
 1. Were the notifications of the County Shop staff begun at : Site Area Emergency?

 2. Did the Shelter Systems Officer notify the host counties to standby by at an Alert?

 - d. Did the EPC ensure that the Emergency Broadcast System was put on standby at an Alert?

 - e. Did the EPC recognize the need to activate the Emergency Broadcast System at a Site Area Emergency?

 - f. Did the EPC brief the EOC staff each time a new ECL was declared?

EVALUATION CHECKLISTS

Coffey County EOC

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
2. Demonstrate the ability to fully alert, mobilize and activate personnel for both facility and field-based functions.				
a. Did the Sheriff's dispatcher complete the Immediate Notification Form promptly and use the code word for verification?	---	---	---	---
b. Did the dispatcher begin calling emergency response personnel on the call list as soon as the notification form was complete?	---	---	---	---
c. Did the Emergency Preparedness Coordinator begin calling personnel on his call list as soon as he received notification from the dispatcher?	---	---	---	---
d. If unable to notify personnel by phone, was a messenger sent to notify staff personally?	---	---	---	---
e. Did the EOC staff that normally work in the courthouse promptly report to the EOC when requested? (approximately 15 minutes)	---	---	---	---
f. Did the remaining EOC staff report to the EOC in a timely manner when requested? (approximately 30 minutes)	---	---	---	---
g. Did the Emergency Preparedness Coordinator activate the EOC in a timely manner? (as soon as one representative for each key position has arrived: Commissioner Shelter Systems Officer Radiological Officer Sheriff's Office County Engineer Health and Medical Management Team)	---	---	---	---

EVALUATION CHECKLISTS

Coffey County EOC

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
3. Demonstrate the ability to direct, coordinate and control emergency activities.				
a. Did the EPC maintain command and control over the staff in the EOC?	---	---	---	---
b. Did a Commissioner maintain command and control over the decision-making process for protective actions?	---	---	---	---
c. Was the EOC staff familiar with their assigned responsibilities?	---	---	---	---
4. Demonstrate the ability to communicate with all appropriate locations, organizations, and field personnel.	---	---	---	---
a. Was the EOC able to communicate with:				
1. The State EOC, either by telephone or ASTRA?	---	---	---	---
2. The appropriate facility on site (Control Room, TSC, EOF)?	---	---	---	---
3. The Road and Bridge crews in the field?	---	---	---	---
b. Were backup communications available or demonstrated?	---	---	---	---
5. Demonstrate the adequacy of facilities, equipment, displays and other materials to support emergency operations.	---	---	---	---
a. Were the status boards correctly and promptly updated?	---	---	---	---
b. Did all equipment such as telephones and telecopiers work properly?	---	---	---	---
c. Were procedures available and used by the EOC staff?	---	---	---	---

EVALUATION CHECKLISTS

Coffey County EOC

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
d. Were sufficient office supplies available?	---	---	---	---
6. Demonstrate the ability to continuously monitor and control emergency worker exposure.				
a. Did the Radiological Officer issue dosimetry to anyone leaving the EOC? (TLD, low-range [0-200 mr or 0-500 mr] and mid-range or high-range dosimeters)	---	---	---	---
b. Did the Radiological Officer ensure that other County emergency workers had dosimetry? (e.g. Access Control monitors)	---	---	---	---
c. Did the RO perform a habitability survey as required by CPIP27?	---	---	---	---
d. Was the RO familiar with exposure reporting limits?	---	---	---	---
12. Demonstrate the ability to initially alert the public within the 10-mile EPZ (and begin dissemination of an instructional message) within 15 minutes of a decision by appropriate State and/or local officials).				
a. Were the sirens blown approximately one minute before the EBS announcement was broadcast?	---	---	---	---
b. Was the Initial EBS message broadcast within 15 minutes of the County's notification that a Site Area Emergency had been declared?	---	---	---	---
c. Were the applicable fire departments and the Engineer's staff dispatched to notify the hard-of-hearing in the affected subzones?	---	---	---	---

EVALUATION CHECKLISTS

Coffey County EOC

Objective

Yes No N/O N/A

13. Demonstrate the ability to coordinate the formulation and dissemination of accurate information and instructions to the public in a timely fashion after the initial alert and notification has occurred.
- a. Were further EBS announcements broadcast in a timely manner? (approximately 15 minutes after the protective action decision was made)?
- b. Was the County Public Information Officer aware of information and instructions going to the public from the EOC?
- c. Did the EOC use the County Public Information Officer as an additional means to relay information not included in the EBS announcement to the public?
16. Demonstrate the ability to make the decision to recommend the use of KI to emergency workers and institutionalized persons, based on pre-determined criteria, as well as to distribute and administer it once the decision is made, if necessitated by radioiodine releases.
- a. Did the RO contact all affected organizations and tell them of the decision to take KI? (JRMTs, School Bus Drivers, Ambulance, Road and Bridge crews and Sheriff's officers in the field)
- b. Did the RO designate and brief personnel who would transport KI to affected groups?
- c. Was the RO aware of any personnel who refused or were unable to take KI?

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

EVALUATION CHECKLISTS

Coffey County EOC

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
d. Did the RO inform the State at the EOC that the issuance of KI was accomplished?	_____	_____	_____	_____
e. Were institutionalized persons' need to take KI discussed, including the method by which the KI would be distributed?	_____	_____	_____	_____
18. Demonstrate the ability and resources necessary to implement appropriate protective actions for the impacted permanent and transient plume EPZ populations (including transit-dependent persons, special needs population, handicapped persons and institutionalized persons)				
a. Was transportation available for those individuals already pre-designated as requiring a ride?	_____	_____	_____	_____
b. Was transportation available for those persons who called in on the phone number given out in the booklet and the EBS announcement?	_____	_____	_____	_____
c. Were the persons on the special needs list addressed?	_____	_____	_____	_____
d. Was transportation and an appropriate destination arranged by the Health and Medical Management Team for any institutionalized persons?	_____	_____	_____	_____
19. Demonstrate the ability and resources necessary to implement appropriate protective actions for school children within the plume EPZ.				
a. Were the schools given instructions by the dispatchers of the protective actions to take?	_____	_____	_____	_____

EVALUATION CHECKLISTS

Coffey County EOC

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
b. Did the County Engineer ensure that the Superintendents contacted the school buses to report to the schools?	---	---	---	---
c. Were private schools and day care centers contacted and assigned transportation if needed?	---	---	---	---
20. Demonstrate the organizational ability and resources necessary to control evacuation traffic flow and to control access to evacuated and sheltered areas.				
a. Were evacuation routes passable; and if not, were attempts made to clear them?	---	---	---	---
b. Were appropriate roadblocks determined and established based on the affected subzones?	---	---	---	---

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

State EOC

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
1. Demonstrate the ability to monitor understand and use emergency classification levels (ECL) through the appropriate implementation of emergency functions and activities corresponding to ECL's as required by the scenario. The four ECL's are: Notification of Unusual Event, Alert, Site Area Emergency and General Emergency.				
a. Did the EOC Communicator use an Immediate Notification Form each time an ECL was declared?	---	---	---	---
b. Did the Communicator use a Followup Form for all other notifications?	---	---	---	---
c. Did EOC personnel use the appropriate call lists for each ECL?	---	---	---	---
d. Did the ARS notify the Federal Aviation Administration to close the air space around Wolf Creek at the Site Area (if necessary) or the General Emergency (required)?	---	---	---	---
e. Did the Deputy Director ensure that the Emergency Broadcast System was put on standby at the Alert?	---	---	---	---
f. Did the Deputy Director recognize the need to activate the EBS at the Site Area Emergency?	---	---	---	---
g. Did the Deputy Director brief the EOC staff each time a new ECL was declared?	---	---	---	---

EVALUATION CHECKLISTS

State EOC

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
2. Demonstrate the ability to fully alert, mobilize and activate personnel for both facility and field-based emergency functions.				
a. Did the Communicator complete the Immediate Notification Form properly and use the code word for verification?	---	---	---	---
b. Did the Communicator begin calling emergency response personnel on the call list as soon as the notification form was complete?	---	---	---	---
c. Did the ARS begin calling personnel on his call list as soon as he received notification from the Communicator?	---	---	---	---
d. Did the EOC staff report to the EOC in a timely manner when requested? (approximately one hour)	---	---	---	---
e. Did the Deputy Director activate the EOC in a timely manner? (no later than the arrival of all key positions: KDHE National Guard Board of Agriculture Department of Transportation Department of Wildlife and Parks Highway Patrol)	---	---	---	---
3. Demonstrate ability to direct, coordinate and control emergency activities.				
a. Did the Deputy Director maintain command and control over the staff in the EOC?	---	---	---	---
b. Was the EOC staff familiar with their assigned responsibilities?	---	---	---	---

EVALUATION CHECKLISTS

State EOC

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
4. Demonstrate the ability to communicate with all appropriate locations, organizations and field personnel.				
a. Was the EOC able to communicate with:				
1. The County EOC, either by telephone or by ASTRA?	—	—	—	—
2. The ARS as he was enroute to the EOC?	—	—	—	—
3. The appropriate facility on site (Control Room, TSC, EOC)?	—	—	—	—
b. Were backup communications available or demonstrated?	—	—	—	—
5. Demonstrate the adequacy of facilities, equipment, displays and other materials to support emergency operations.				
a. Were the status boards correctly and promptly updated?	—	—	—	—
b. Did all equipment such as telephones and telecopiers work properly?	—	—	—	—
c. Were procedures available and used by the EOC staff?	—	—	—	—
d. Were sufficient office supplies available?	—	—	—	—
11. Demonstrate the ability to make appropriate protective action decisions, based on projected or actual dosage, EPA PAG's, availability of adequate shelter, evacuation time estimates and other relevant factors.				
a. Did the Deputy Director make protective action decisions based on plant recommendations?	—	—	—	—

EVALUATION CHECKLISTS

State EOC

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
b. Did the Deputy Director consult with the ARS and KDHE at the EOF when making protective action decisions?	—	—	—	—
c. Did the Deputy Director consult with the County when making protective action decisions?	—	—	—	—
12. Demonstrate the ability to initially alert the public within the 10-mile EPZ (and begin dissemination of an instructional message within 15 minutes of a decision by appropriate State and/or local officials(s).				
a. Did the EOC Communicator coordinate the timing of the EBS message with the County so that the sirens could be activated one minute prior to broadcast?	—	—	—	—
b. Was the Initial EBS message broadcast within 15 minutes of the County's notification that a Site Area Emergency had been declared?	—	—	—	—
NOTE: If the State was notified first of a Site Area, then the 15-minute clock begins when the State was notified.				
13. Demonstrate the ability to coordinate the formulation and dissemination of accurate information and instructions to the public in a timely fashion after the initial alert and notification has occurred.				
a. Were further EBS announcements broadcast in a timely manner? (<u>approximately 15 minutes after the protective action decision was made</u>)	—	—	—	—
b. Was the State Public Information Officer aware of information and instructions going to the public from the EOC?	—	—	—	—

EVALUATION CHECKLISTS

State EOC

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
c. Did the EOC use the State Public Information Officer as an additional means to relay information not included in the EBS announcement to the public?	—	—	—	—
20. Demonstrate the organizational ability and resources necessary to control evacuation traffic flow and to control access to evacuated and sheltered areas.				
a. Were evacuation routes passable; and if not, were attempts made to clear them?	—	—	—	—
b. Were appropriate roadblocks determined and established based on the affected subzones and on predetermined locations in the Kansas Highway Patrol Operations Policy and Procedure KNG1?	—	—	—	—
c. Were traffic control points determined and established based on the affected subzones?	—	—	—	—
26. Demonstrate the ability to identify the need for and call up Federal and other outside support agencies' assistance.				
a. Did the Deputy Director request assistance from any Federal agency?	—	—	—	—
29. Demonstrate the ability to project dosage to the public for ingestion pathway exposure and determine appropriate protective measures based on field data, FDA PAGs and other relevant factors.				
a. Was KDHE able to interpret the gross field data and recommend suitable protective actions based on the State's PAGs?	—	—	—	—
b. Was the BOA and KWP included in development of the protective actions?	—	—	—	—

EVALUATION CHECKLISTS

State EOC

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
30. Demonstrate the ability to implement both preventive and emergency protective actions for ingestion pathway hazards.				
a. Was BOA able to contact the appropriate farmers or dairies about the protective actions?	---	---	---	---
b. Was the State PIO able to develop appropriate news statements for the general public concerning the protective actions?	---	---	---	---
34. Demonstrate the ability to maintain staffing on a continuous 24-hour basis by an actual shift change.				
a. Was a full shift change implemented at the State EOC and at the dose assessment area in the EOF?	---	---	---	---

EVALUATION CHECKLISTS

State Forward Staging Area

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
2. Demonstrate the ability to fully alert, mobilize and activate personnel for both facility and field-based emergency functions.				
a. Did the State alert the National Guard and Highway Patrol of the need to activate the SFSA as soon as possible after notification of a Site Area Emergency?	---	---	---	---
b. Did SFSA personnel report to the location in a timely manner? (approximately 1 hour after notification)	---	---	---	---
c. Were SFSA personnel able to activate their facility within about 30 minutes of arrival?	---	---	---	---
3. Demonstrate ability to direct, coordinate and control emergency activities.				
a. Was command and control evident for:				
1. National Guard?	---	---	---	---
2. Kansas Highway Patrol?	---	---	---	---
b. Were SFSA personnel familiar with their assigned responsibilities?	---	---	---	---
4. Demonstrate the ability to communicate with all appropriate locations, organizations and field personnel.				
a. Was the SFSA able to communicate with:				
1. The EOF?	---	---	---	---
2. The State EOC?	---	---	---	---
3. Field-based personnel manning roadblocks and access control points?	---	---	---	---
b. Were the telephone lines operable, and power available?	---	---	---	---

EVALUATION CHECKLISTS

State Forward Staging Area

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
6. Demonstrate the ability to continuously monitor and control emergency worker exposure.				
a. Did SFSA personnel have on the proper dosimetry? (TLD, low <u>and</u> mid-range self-reading dosimeters)	---	---	---	---
b. Did personnel fill out the appropriate form to record their exposure per DHE ____?	---	---	---	---
c. Were personnel familiar with exposure reporting limits?	---	---	---	---
d. Did personnel read and record their exposure at least once every hour?	---	---	---	---
16. Demonstrate the ability to make the decision to recommend the use of KI to emergency workers and institutionalized persons, based on predetermined criteria, as well as to distribute and administer it once the decision is made, if necessitated by radioiodine releases.				
a. If KI was recommended by the State, was a supply delivered to the SFSA?	---	---	---	---
b. Did each individual sign a form documenting his willingness or unwillingness to take KI?	---	---	---	---
c. Was the State RAM notified of any personnel who refused or were unable to take KI, and was that individual replaced?	---	---	---	---
d. Did personnel demonstrate the knowledge of how often and for how long KI should be taken after the initial dosage?	---	---	---	---

EVALUATION CHECKLISTS

State Forward Staging Area

Objective

Yes No N/O N/A

20. Demonstrate the organizational ability and resources necessary to control evacuation traffic flow and to control access to evacuated and sheltered areas.

a. Did SFSA personnel determine and establish appropriate roadblocks based on the affected subzones?

b. Did Kansas Highway Patrol personnel assist in manning traffic control points based on affected subzones?

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

LeRoy School

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
4. Demonstrate the ability to communicate with all appropriate locations, organizations and field personnel.				
a. Was the Superintendent able to communicate with:				
1. each school?	---	---	---	---
2. the County EOC?	---	---	---	---
3. Bus drivers?	---	---	---	---
b. Were backup communications available or demonstrated?	---	---	---	---
6. Demonstrate the ability to continuously monitor and control emergency worker exposure.				
a. Did bus drivers have the proper dosimetry (TLD, low, and mid-range dosimeters or high-range dosimeters)?	---	---	---	---
b. Did each bus driver fill out an Individual Radiation Dose Record Card?	---	---	---	---
c. Were bus drivers familiar with exposure reporting limits?	---	---	---	---
d. Did the bus driver know to read and record his exposure at least once an hour?	---	---	---	---
16. Demonstrate the ability to make the decision to recommend the use of KI to emergency workers and institutionalized persons, based on predetermined criteria, as well as to distribute and administer it once the decision is made, if necessitated by radioiodine releases.				
a. Did the bus driver know from where his supply of KI would come?	---	---	---	---

EVALUATION CHECKLISTS

LeRoy School

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
b. Did the bus driver demonstrate the knowledge of how often and for how long KI should be taken after the initial dosage?	---	---	---	---
19. Demonstrate the ability and resources necessary to implement appropriate protective actions for school children within the plume EP2.				
a. Were children with permission slips on file allowed to take their own cars?	---	---	---	---
b. Did the bus driver know the correct host county to go to, and what route to take?	---	---	---	---

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

County Shop

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
2. Demonstrate the ability to fully alert, mobilize and activate personnel for both facility and field-based emergency functions.				
a. Did the Engineer ensure that the call list in CPIP 17 was begun as soon as he was notified?	---	---	---	---
b. Were the individuals on the call list notified within 30 minutes, either by telephone (non-working hours) or by radio (working hours)?	---	---	---	---
c. Was the facility activated in a timely manner (about 30 minutes after initial notification)?	---	---	---	---
3. Demonstrate ability to direct, coordinate and control emergency activities.				
a. Did an individual maintain command and control over the Shop?	---	---	---	---
b. Were personnel familiar with their assigned responsibilities?	---	---	---	---
4. Demonstrate the ability to communicate with all appropriate locations, organizations and field personnel.				
a. Was the Shop able to communicate with:				
1. the County EOC?	---	---	---	---
2. Road and Bridge field-based crew?	---	---	---	---
5. Demonstrate the adequacy of facilities, equipment, displays and other materials to support emergency operations.				

EVALUATION CHECKLISTS

County Shop

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
a. Were procedures available and used?	---	---	---	---
b. Were sufficient quantities of barricades for roadblocks available?	---	---	---	---
6. Demonstrate the ability to continuously monitor and control emergency worker exposure.				
a. Did personnel have the proper dosimetry issued before leaving the Shop (TLD, low and mid-range dosimeters or high-range dosimeters)?	---	---	---	---
b. Did each person fill out an Individual Radiation Dose Record Card?	---	---	---	---
c. Were personnel familiar with exposure reporting limits?	---	---	---	---
d. Did personnel read and record their exposure at least once an hour?	---	---	---	---
16. Demonstrate the ability to make the decision to recommend the use of KI to emergency workers and institutionalized persons, based on predetermined criteria, as well as to distribute and administer it once the decision is made, if necessitated by radioiodine releases.				
a. If KI was recommended by the County, was a supply delivered to the Shop?	---	---	---	---
b. Did each individual sign a form documenting his willingness or unwillingness to take KI?	---	---	---	---
c. Was the County RO notified of any personnel who refused or were unable to take KI?	---	---	---	---

EVALUATION CHECKLISTS

County Shop

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
d. Did personnel demonstrate the knowledge of how often and for how long KI should be taken after the initial dosage?	_____	_____	_____	_____
18. Demonstrate the ability and resources necessary to implement appropriate protective actions for the impacted permanent and transient plume EP2 populations (including transit-dependent persons, special needs population, handicapped persons and institutionalized persons)				
a. Was transportation available for those individuals already predestinated as requiring a ride?	_____	_____	_____	_____
b. Was transportation available for those who called in on the phone number given out in the booklet and EBS announcements?	_____	_____	_____	_____
1. Was this number answered promptly?	_____	_____	_____	_____
2. Was the form in CPIP 17 used to log information?	_____	_____	_____	_____
c. Were people on the special needs list considered?	_____	_____	_____	_____
20. Demonstrate the organizational ability and resources necessary to control evacuation traffic flow and to control access to evacuated and sheltered areas.				
a. Were access control points determined and established based on the affected subzones?	_____	_____	_____	_____
b. Were enough monitors available to initially man the access control points?	_____	_____	_____	_____
c. Were evacuation routes checked to ensure that they were clear; and if not, were attempts made to clear them?	_____	_____	_____	_____

EVALUATION CHECKLISTS

County Shop

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
d. Was enough equipment (barricades) available to establish unmanned road-blocks based on the affected subzones?	---	---	---	---
25. Demonstrate the adequacy of facilities, equipment, supplies, procedures and personnel for decontamination of emergency workers, equipment and vehicles and for waste disposal.				
a. Was the Shop adequate for decontamination of vehicles and equipment?	---	---	---	---
1. isolated area where splash or runoff water would not contaminate other items?	---	---	---	---
2. adequate water supply?	---	---	---	---
b. Was the proper decontamination technique used; i.e. washing from the top down with copious amounts of water, wiping or vacuuming vehicle interiors.	---	---	---	---
c. Were vehicle and equipment re-monitored after decontamination?	---	---	---	---
d. Were contaminated emergency workers either directed to the EOF or to a registration center?	---	---	---	---
e. Were good contamination control techniques used?	---	---	---	---
f. Was contaminated waste double-bagged and isolated, and was the County RO notified to pick it up?	---	---	---	---
g. Were contaminated items that could not be decontaminated or double-bagged (due to size) isolated?	---	---	---	---

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

Lyon County Ambulance

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
23. Demonstrate the adequacy of vehicles, equipment, procedures and personnel for transporting contaminated, injured or exposed individuals.				
a. Was the ambulance gurney covered?	---	---	---	---
b. Were vital signs and level of consciousness checked frequently?	---	---	---	---
c. Were appropriate assessments provided during transport?	---	---	---	---
d. Was the spread of contamination controlled enroute to the hospital?	---	---	---	---
e. Did the ambulance crew monitor the patient using proper monitoring techniques?	---	---	---	---
f. Was appropriate, accurate information transmitted to the hospital?	---	---	---	---
g. Was "This is a Drill" used?	---	---	---	---
h. Was a complete medical and radiological report given to the hospital staff?	---	---	---	---
i. Did ambulance attendants assist with the transfer of the patient?	---	---	---	---
j. Did ambulance personnel remain in the controlled area until surveyed?	---	---	---	---
k. Was a survey performed of attendants, equipment and ambulance?	---	---	---	---
l. Was dosimetry collected from the ambulance attendants?	---	---	---	---

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

St. Francis Regional Medical Center

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
24. Demonstrate the adequacy of medical facilities equipment, procedures and personnel for handling contaminated, injured or exposed individuals.				
a. Was appropriate and adequate information received from the ambulance crew?	___	___	___	___
b. Was "This is a Drill" used?	___	___	___	___
c. Were appropriate personnel notified to activate the REA?	___	___	___	___
d. Were personnel familiar with their procedures?	___	___	___	___
e. Was unnecessary equipment removed?	___	___	___	___
f. Was herculite placed correctly?	___	___	___	___
g. Were lined waste containers available in the Treatment Area?	___	___	___	___
h. Was warning rope placed across intersecting hallways?	___	___	___	___
i. Was security posted?	___	___	___	___
j. Were appropriate medical supplies brought to REA?	___	___	___	___
k. Was a control point established?	___	___	___	___
l. Was the buffer zone set up?	___	___	___	___
m. Were attending staff organized and responsibilities delegated?	___	___	___	___
n. Was protective clothing donned?	___	___	___	___

EVALUATION CHECKLISTS

St. Francis Regional Medical Center

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
c. Was dosimetry prepared and worn?				
1. self-readers TLDs?	---	---	---	---
2. Placement of dosimetry?	---	---	---	---
3. Proper documentation of dosimetry?	---	---	---	---
4. Self-reading dosimeters zeroed?	---	---	---	---
p. Was there adequate staffing of the REA?	---	---	---	---
q. Did the ambulance use the designated REA entrance?	---	---	---	---
r. Was the patient immediately transferred to the REA?	---	---	---	---
s. Was evaluation and treatment rapidly initiated?	---	---	---	---
t. Were a medical report and a radiological report received from the ambulance crew?	---	---	---	---
u. Was the patient's clothing removed and bagged correctly?	---	---	---	---
v. Did staff remove outer garments and change gloves when involved with clothing removal?	---	---	---	---
w. Was the clothing bag tagged and removed from area?	---	---	---	---
x. Were ambulance attendants surveyed?	---	---	---	---
y. Was the ambulance interior surveyed?	---	---	---	---
z. Were contaminated articles bagged, tagged and stored?	---	---	---	---
aa. Were serious medical problems given priority over radiological assessment and decontamination?	---	---	---	---

EVALUATION CHECKLISTS

St. Francis Regional Medical Center

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
bb. Were transfer procedures followed for clinical lab samples?	---	---	---	---
cc. Was contamination control maintained during X-ray/heart monitoring procedures?	---	---	---	---
dd. Did the hospital staff survey the patient and show proper surveying techniques?	---	---	---	---
ee. Were survey results documented on anatomical chart and were correct units used?	---	---	---	---
ff. Were the following samples obtained/ labeled:				
1. Nasal?	---	---	---	---
2. Ears?	---	---	---	---
3. Oral?	---	---	---	---
4. Skin Wipes?	---	---	---	---
5. Hair?	---	---	---	---
6. Nails?	---	---	---	---
7. Blood/CBC?	---	---	---	---
8. Urine?	---	---	---	---
gg. Were contaminated articles placed in lined containers?	---	---	---	---
hh. Were there frequent surveys of attendants?	---	---	---	---
ii. Did attendants remove contaminated clothing, gloves?	---	---	---	---
jj. Was accumulated contaminated material double bagged and removed from the Treatment Area?	---	---	---	---
kk. Were attending staff prepared and coordinated for patient exit?	---	---	---	---
ll. Was herculite pathway rolled into room, if necessary?	---	---	---	---

EVALUATION CHECKLISTS

St. Francis Regional Medical Center

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
mm. Was the patient transferred onto a clean stretcher?	---	---	---	---
nn. Was the patient surveyed after transfer to clean gurney?	---	---	---	---
oo. Was contamination control maintained?	---	---	---	---
pp. Were attending staff coordinated for attendant exit?	---	---	---	---
qq. Was staff radiation technician/H.P. assistance available?	---	---	---	---
rr. Was protective clothing removed in sequence?	---	---	---	---
ss. Was the control point correctly used?	---	---	---	---
tt. Were the attendants completely surveyed?	---	---	---	---
uu. Was dosimetry collected, read and recorded?	---	---	---	---
vv. Were KDHE or WCGS, whichever is appropriate, contacted for waste disposal?	---	---	---	---
ww. Was treatment room secured?	---	---	---	---

EVALUATION CHECKLISTS

Evaluator: _____
Assignment: _____

Host County - Anderson

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
2. Demonstrate the ability to fully alert, mobilize and activate personnel for both facility and field-based emergency functions.				
a. Was the center activated in a timely manner? (about 45 minutes after set-up was begun)	---	---	---	---
3. Demonstrate ability to direct, coordinate and control emergency activities.				
a. Did the RCC maintain command and control of the registration center operation?	---	---	---	---
b. Did the RO maintain supervision of the monitoring teams?	---	---	---	---
4. Demonstrate the ability to communicate with all appropriate locations, organizations and field personnel.				
a. Was the EPC able to communicate with:				
1. the registration center?	---	---	---	---
2. Coffey County?	---	---	---	---
3. local law enforcement?	---	---	---	---
b. Were communications timely and accurate?	---	---	---	---
6. Demonstrate the ability to continuously monitor and control emergency worker exposure.				
a. Were monitoring teams issued proper dosimetry? (TLD and self-reading dosimeters)	---	---	---	---
b. Were Individual Radiation Dose Record Cards properly completed?	---	---	---	---

EVALUATION CHECKLISTSHost County - Anderson

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
c. Were dosimeters read at least once an hour and their readings recorded?	___	___	___	___
d. Were workers aware of their exposure reporting limit?	___	___	___	___
e. Were area surveys made periodically?	___	___	___	___
f. Was an isolated area designated for the storage of contaminated waste?	___	___	___	___
g. Did the monitors wear gloves?	___	___	___	___
21. Demonstrate the adequacy of procedures, facilities, equipment and personnel for the registration, radiological monitoring and decontamination of evacuees.				
a. Were procedures available and used?	___	___	___	___
b. Was there a sufficient supply for forms, and was there sufficient equipment to segregate clean areas from contaminated?	___	___	___	___
c. Was security available to ensure the proper flow of evacuees?	___	___	___	___
d. Were enough monitoring teams present to monitor at least 20% of the expected evacuees within 12 hours?	___	___	___	___
e. Was there a monitoring team in each decontamination area to remonitor evacuees after showering?	___	___	___	___
f. Was the radiological equipment operationally checked and working properly?	___	___	___	___
g. Did the monitoring teams demonstrate the proper techniques and know contamination levels?	___	___	___	___

EVALUATION CHECKLISTS

Heat County - Anderson

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
h. Were the registration forms completely filled-out, particularly the address and phone number where non-sheltered evacuees would be staying?	---	---	---	---
i. Were transportation and shelter arrangements made for those who required it?	---	---	---	---
j. Were the registration forms properly filed?	---	---	---	---
k. Were proper vehicle monitoring techniques used and documented?	---	---	---	---
l. Was a vehicle impound area established?	---	---	---	---
m. Were vehicle decontamination procedures talked through?	---	---	---	---
22. Demonstrate the adequacy of facilities, equipment and personnel for congregate care of evacuees.				
a. Was an accurate list of shelters and capacities available?	---	---	---	---
b. Did the Shelter Manager contact any agencies to assist with the sheltering operation? (e.g. Red Cross, Salvation Army)	---	---	---	---
c. Were resource lists available for sheltering?	---	---	---	---
d. Was a nurses or first-aid station available for evacuees?	---	---	---	---
34. Demonstrate the ability to maintain staffing on a continuous 24-hour basis by an actual shift change.				
a. Were sufficient personnel available for a shift change for all positions?	---	---	---	---

EVALUATION CHECKLISTS

Hest County - Anderson

<u>Objective</u>	<u>Yes</u>	<u>No</u>	<u>N/O</u>	<u>N/A</u>
b. Were briefings held by the outgoing personnel for the new shift?	---	---	---	---
c. Did monitoring personnel do a self-check for contamination before leaving the area?	---	---	---	---