

WNP-2 EMERGENCY PREPAREDNESS EXERCISE

1985

Exercise Director: Don Bouchey

Deputy Exercise Director: Bob Mazurkiewicz

Exercise Date: September 1985

NOTE

PARTS II AND III ARE CONTROLLED DISTRIBUTION.

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PART I - INTRODUCTION

CONTENT

EXERCISE 1985

UNCONTROLLED DISTRIBUTION

1. Introduction to Exercise
2. Objectives and Limitations
3. Schedule
4. Participants
5. Definitions
6. Information for Players and Visitors

UNCONTROLLED DISTRIBUTION

INTRODUCTION TO EXERCISE

EXERCISE 85

Federal regulations require the conduct of an emergency exercise of the WNP-2 Emergency Preparedness Plan on an annual basis, and the inclusion of the State of Washington and Benton and Franklin Counties in this activity at least biennially. Those jurisdictions have opted to participate on an annual basis, as has the Department of Energy - Richland Operations due to the unique siting of WNP-2 on the Hanford Reservation. These exercises are designed to test the capabilities of the Supply System and supporting agencies to respond to a serious reactor accident at WNP-2.

The Supply System, counties, State and DOE-RL have been working together since the mid-1970's to develop a coordinated emergency response capability to a WNP-2 emergency. The first annual emergency exercise on June 1, 1983 illustrated the excellent ground work that had been laid, and the subsequent exercise on May 17, 1984 further honed this readiness development process.

Exercise 85 will be conducted during the week of September 9, 1985, on an unannounced basis in order to illustrate that the emergency organization can be effectively activated as it would for an actual emergency. It also will be initiated at such a time as to require a shift change for a portion of the Supply System on-site emergency organization.

Several scheduled and announced drills will be conducted prior to the exercise to ensure continued adequacy of the implementing procedures, and to provide valuable training experience for emergency organization personnel. The evaluation of Exercise 85 by the Nuclear Regulatory Commission and Federal Emergency Management Agency will determine whether WNP-2 be allowed to maintain its operating license. Because of this, cooperation of the participating organizations is solicited, and all participants are enjoined to treat the situations seriously, and to perform their functions as if a real emergency existed, taking those actions necessary for the re-establishment of safe conditions at the plant, and for the assurance of the health and safety of the public.

Exercise 85 will involve a hypothetical accident sufficiently serious to require decisions for protective measures of the public. This will involve simulated messages for broadcast over the Emergency Broadcast System and decisions affecting the general public. The County Emergency Operations Center in Kennewick will be activated and will function as a joint operation center for the counties of Benton and Franklin. The State Emergency Operations Center in Olympia will not be activated, but State representatives and environmental field teams will respond to Hanford and Richland. The Supply System will activate all of its emergency centers, to include the in-plant Technical Support Center and Operations Support Center as well as the Control Room, the Emergency Operations Facility and the Joint Information Center. Several hundred persons from all agencies will be involved in this exercise. To provide for WNP-2 to go from normal operations to a severe reactor accident, and then to a situation in which the reactor is under control and stable in one day, requires the events to be very fast-paced and, in some cases, unrealistic. This should not discourage the participants. The purpose of this exercise is to evaluate the decision-making capabilities and the cooperation exhibited by all agencies. In some cases, data may be incomplete. Decisions are to be made on the best data available at the time.

Upon completion of Exercise 85, formal critiques will be developed by the evaluating agencies, as well as by the participating organizations. A joint agency written critique, incorporating all internal and external observations, will be prepared by the Supply System and the participating agency controller/evaluator group.

Responsibilities for taking corrective actions will be assigned in this critique, and the Supply System will track the status on each item until all are closed out.

OBJECTIVES AND LIMITATIONS

EXERCISE 85

A. OBJECTIVES

1. Supply System

- a. Demonstrate the ability of the Control Room staff to:
 - (1) Properly assess and classify the transient.
 - (2) Take corrective measures to control the transient.
 - (3) Activate the emergency organization.
 - (4) Efficiently transfer emergency response functions to an on-coming shift.
- b. Demonstrate the ability of the OSC staff to:
 - (1) Exercise proper control of emergency teams, including the implementation of correct health physics measures.
 - (2) Staff emergency teams with fully qualified personnel.
 - (3) Make proper decisions regarding re-entry.
- c. Demonstrate the ability of the TSC staff to:
 - (1) Assume responsibilities from the Control Room upon activation.
 - (2) Transfer functions to the EOF when that facility is staffed and ready to assume control.

(3) Analyze plant system operations problems and determine alternate actions.

d. Demonstrate the capabilities of the OSC and EOF staffs to correctly conduct a controlled evacuation of the Protected Area, including proper personnel accountability.

e. Demonstrate the ability of the JIC staff to:

(1) Respond to telephonic queries from the media or public at any time after activation.

(2) Monitor media sources, detect and act upon rumors.

f. Demonstrate the operability of the communications network both between Supply System Emergency Centers and with offsite agencies.

g. Demonstrate the effectiveness of Supply System emergency procedures.

2. Benton and Franklin Counties:

Demonstrate the ability to effectively make and implement protective action decisions for members of the public, based on information provided by the Supply System and the State.

3. Supply System, DOE-RL and Washington State:

a. Demonstrate the ability of the EOF staff to properly develop protective action recommendations based on integration of field, plant and dose projection data.

- b. Demonstrate the ability of the MUDAC staff to:
 - (1) Effectively manage, control and inform field and aerial monitoring teams.
 - (2) Correctly compare field data to projected dose rates, noting any trends and properly document this activity.
- c. Demonstrate the abilities of the environmental field and aerial monitoring teams to:
 - (1) Deploy with all required equipment.
 - (2) Correctly measure ambient radiation levels and take required air samples.

4. Joint - Supply System, DOE-RL, Washington State and Benton and Franklin Counties:

- a. Demonstrate the sharing of timely information on the emergency status, and the effective coordinate of response activities, both within and between emergency centers and with teams in the field.
- b. Demonstrate the configuration of emergency centers for efficient operations.
- c. Demonstrate the ability to properly document the emergency conditions and agency response activities.
- d. Demonstrate timely activation of the emergency centers and personnel on an unannounced basis.

- e. Demonstrate effective coordination by the EOF staff of emergency response activities of the various law enforcement agencies.
- f. Demonstrate the ability of the JIC staff to prepare timely and coordinated news releases.

B. LIMITATIONS

1. Routine plant operations will be continued during the exercise.
2. Plant Protected Area evacuation will be simulated by a few role-players.
3. State environmental field teams, JIC, EOF and County EOC respondents will be positioned in Richland and begin participation after a time delay of one hour after declaration of the emergency classification which activates their responses.
4. Implementation of site access restrictions will be simulated. Area evacuations or other protective actions will be required only of designated players.
5. Actual implementation of offsite notifications and protective actions will be simulated.
6. Simulated airborne release will not equal or exceed PAG's beyond 5 miles.
7. Any required actual emergency situation response by participants will take precedence.
8. No re-entry monitoring or protective action decision making concerning re-entry will be performed or simulated.

9. The State EOC will not be activated. Portrayal of its activities will be limited to a control cell.
10. Emergency Control Room Operations may be portrayed at the simulator in the Plant Support Facility.

C. PARTICIPATING ORGANIZATIONS

1. Supply System - Two shifts for the Control Room and one shift for all other emergency centers and teams.
2. Department of Energy - Richland Operations and appropriate contractors - Partial ECC staff, one shift for the EOF/MUDAC and JIC and one field team.
3. Washington State - One shift for EFSEC, DSHS and DEM positions at the EOF/MUDAC, JIC and County EOC, and three field/aerial teams.
4. Benton and Franklin Counties - One shift for the County EOC staff, and for County positions at the EOF and JIC.

SCHEDULE

A. Pre-exercise Meetings

1. Players: Such things as exercise objectives, ground rules and procedures will be covered.
 - a. Supply System Emergency Centers: For players at Supply System emergency centers. Each person should attend at one of the locations.

Date: September 9, 1985

Time: 9:00 - 10:00 AM

Location: WNP-2 GSB Conference Room

Time: 9:00 - 10:00 AM

Location: Emergency Operations Facility Room 120

Time: 9:00 - 10:00 AM

Location: Headquarters Multi-Purpose Facility Auditorium

- b. County Emergency Operations Center: For players at the County EOC.

Date: September 9, 1985

Time: 1:00 - 2:00 PM

Location: County EOC, Kennewick

2. Observers: For observers at Supply System emergency centers. Facilities orientation, exercise activities and observer rules will be covered, and passes will be issued.

Date: September 9, 1985

Time: 4:00 - 5:00 PM

Location: Headquarters Multi-Purpose Facility Auditorium

3. Evaluators and Controllers

- a. Supply System Emergency Centers: For evaluators and controllers assigned to Supply System emergency centers.

- (1) All: Such things as the time line and general scenario will be covered, and controller/evaluator packets will be issued.

Date: September 9, 1985

Time: 10:00 - 11:30 AM

Location: HQ Multi-Purpose Facility, Walkley Room

- (2) Basic Areas: Pertinent messages, anticipated responses and data sheets will be covered, and facility orientations will be given.

- (a) Plant and EOF evaluators and controllers:

Date: September 9, 1985

Time: 1:00 - 4:00 PM

Location: Emergency Operations Facility

- (b) Headquarters evaluators and controllers:

Date: September 9, 1985

Time: 1:00 - 4:00 PM

Location: HQ Multipurpose Facility Walkley Room

- b. County Emergency Operations Center:

For evaluators and controllers assigned to the County EOC. Such things as the time line, pertinent messages and anticipated responses and facility orientation will be covered, and controller/evaluator packets will be issued.

Date: September 9, 1985
Time: 2:00 - 4:00 PM
Location: County EOC, Kennewick

- c. State Emergency Operations Center: For controllers assigned to the State EOC Control Cell. Such things as the time line, pertinent messages and anticipated responses and facility orientation will be covered, and controller/evaluator packets will be issued.

Date: September 9, 1985
Time: 3:00 - 5:00 PM
Location: State EOC, Lacey

B. Exercise

Date: Week of September 9, 1985 (Actual Date Unannounced)
Time: Unannounced
Location: Supply System Plant, EOF and HQ, and County EOC.

C. Critique Work Sessions

1. Participating Agency Evaluators/Controllers

a. Supply System Emergency Centers

Date: September , 1985
Time: Immediately following the exercise
Location:

b. Group evaluator/controller work sessions

Date: September , 1985
Time: 8:00 - 12:00 AM (Time Line)

c. Group evaluator/controller work sessions after time line

<u>Group</u>	<u>Location</u>
Plant	EOF, Room 141
MUDAC and Field Teams	EOF, Room 146
Remaining EOF and State and County EOCs	EOF, Room 134
JIC	EOF, Room 135

d. Lead evaluator/controller work session

Date: September , 1985

Time: 1:00 - 5:00 PM

Location: Emergency Operations Facility Room 120

2. FEMA Evaluators: To be determined by the Chief FEMA evaluator.
3. NRC Evaluators: To be determined by the Chief NRC evaluator.
4. FEMA Precritique with Key Players: Discussion of recommended actions.

Date: September , 1985

Time: 3:00 - 5:00 PM

Location: Emergency Operations Facility Room 120

D. Critiques

1. NRC Critique with Supply System Management

Date: September , 1985

Time: TBA

Location: PSF Auditorium

2. FEMA Critique with All Players

Date: September , 1985

Time: 8:00 AM

Location: Federal Building Auditorium

3. Supply System Critique With Players

			<u>Time</u>		<u>Location</u>
		<u>Date</u>	<u>From</u>	<u>To</u>	
o	Plant Centers	Sept.	0900	1000	Plant Service Building
o	EOF Centers	Sept.	1000	1100	PSF Auditorium
o	HQ Centers	Sept.	1300	1400	MPF Auditorium

4. NRC and FEMA Public Critique

Date: September , 1985

Time: To Be Determined

Location: Federal Building Auditorium

PARTICIPANTS/OBSERVERS

1. Supply System Players - Plant

a.(1) Control Room

- (1) Shift Manager
- (2) Control Room Supervisor
- (3) Reactor Operators
- (4) Shift Technical Advisor

a.(2) Note

- (1) Shift Manager
- (2) Control Room Supervisor
- (3) Reactor Operators
- (4) Shift Technical Advisor

b. Operations Support Center

- (1) OSC Director
- (2) Plant Emergency Team Leader
- (3) HP Personnel on Plant Emergency Team
- (4) Equipment Operators on Plant Emergency Team

(5) Maintenance Support Personnel

(a) Team Tracking Locators/
Radio Communicators

(b) Accountability Coordinators

(c) Others

o Electricians

o Mechanics

o I&C Technicians

(6) OSC Lead Health Physicist

(7) Health Physics OSC Support Personnel

(8) Chemistry Staff

(9) Safety Support Individual

(10) Administrative Support

(a) Logkeeper/Phone Communicator/
Information Coordinator

(b) Stenographer

(c) CVI Clerk

(11) Maintenance individuals

c. Technical Support Center

(1) Plant Emergency Director

(2) Assistant Plant Emergency Director

(3) Emergency Planning Advisor

Not Filled

(4) TSC Director

(5) Plant Technical Staff

(a) Thermal Hydraulics

(b) Mechanical

(c) Electrical

(d) Chemical

(e) Computer

(6) Operations Manager

(7) Radiation Protection Manager
and Staff

(8) Administrative Manager

(9) Administrative Support Staff

(a) Status Board Keepers

(b) FAX Operator

(c) Helper

(d) Information Coordinator

(e) Phone Communicator

(f) Radio Communicator

(g) Records Coordinator

(h) Accountability Coordinator

(i) Stenographers

(j) TSC/OSC Liaison

(10) Plant/NRC Liaison

d. Central Alarm Station

(1) Security Lieutenant

(2) Security Sergeant

(3) Response Team Leaders

(4) CAS Operators

(5) SAS Operator

[illegible]

2. Supply System Players - EOF

a. Supply System Decision Center

- (1) Recovery Manager
- (2) Assistant Recovery Manager
- (3) Emergency Planning Advisor
- (4) Licensing Manager
- (5) Quality Assurance Manager
- (6) Radioactive Waste Manager
- (7) Safety Manager
- (8) Site Support Manager
- (9) Administrative Support Manager
- (10) Administrative Support Staff
 - (a) Secretary
 - (b) Stenographer
 - (c) Helpers
 - (d) Manpower Scheduler
 - (e) Information Coordinator

Not Filled

b. Security Decision Center

- (1) Security Force Manager
- (2) Center Supervisor
- (3) LLEA Coordinator
- (4) Staff Communications Coordinator
- (5) Staff Posting
- (6) Staff Posting and Communications Runner

c. EOF Communications Center

- (1) Center Coordinator
- (2) Security Staff
- (3) Telephone Switchboard Operator
- (4) Telephone Helper
- (5) Communications Technician

d. Offsite Agency Coordination Center

- (1) Offsite Agency Coordinator
- (2) Administrative Support Staff
 - (a) Stenographer
 - (b) Helpers
 - (c) EOF Information Coordinator

e. Technical Data Center

- (1) Technical Manager
- (2) Technical Staff
 - (a) Technical Staff
 - o Supervisor
 - o Nuclear
 - o Electrical
 - o Instrumentation/Control
 - o Mechanical
 - o Materials
 - o Systems
 - (b) State/County Technical Liaison
 - (c) MUDAC Technical Liaison

(3) Administrative

- (a) Information Coordinator
- (b) Stenographer
- (c) TELEFAX Operator
- (d) RX Status Keeper
- (e) Documents
- (f) Operations
- (g) GDS

f. Meteorology and Unified Dose Assessment Center

- (1) Radiological Emergency Manager
- (2) Dose Assessment Center Coordinator
- (3) Dose Assessment Center Staff
 - (a) Meteorologist
 - (b) Dose Projection Coordinator
 - (c) Dose Assessment Analyst
 - (d) Systems Analyst
 - (e) Field Team Coordinator
 - (f) Aircraft Ground Controller
 - (g) Field Team Dispatcher
- (4) Environmental Field Teams
 - (a) Members

- (b) Couriers

(5) Administrative Support Staff

(a) Stenographers

(b) Data Recorder

(c) Information Coordinator

g. Health Physics Center

(1) Center Coordinator

(2) Center Staff

(3) Dosimetry Specialist

(4) Helper

h. Media Briefing Preparation Area

(1) EOF Public Information Officer

(2) Team Member

i. Other Administrative Support Staff Work Areas

(1) Computer Systems Coordinator

(2) Telecommunications Coordinator

(3) Duplicate Coordinator

(4) Facilities Support

(5) Network Coordinator

j. Emergency Operations Centers

- | | |
|---|------------|
| (1) Supply System Representatives to State EOC | Not Filled |
| | Not Filled |
| (2) Supply System Representatives to County EOC | |
| | |

3. Supply System Players - Headquarters

a. Managing Director's Office

- | | |
|--|------------|
| (1) Managing Director's Representative | Not filled |
| (2) Administrative Support Supervisor | |

b. Other Administrative Support Staff Work Areas

- | | |
|--|--|
| (1) Duplicating/Reprod. Coordinator | |
| (2) Transportation Coordinator | |
| (3) Notepad Operator | |
| (4) Note: The remaining positions in these areas are to be filled as needed. | |

c. Joint Information Center

- | | |
|---|--|
| (1) JIC Director | |
| (2) Assistant JIC Director | |
| (3) News Manager | |
| (4) Media Manager | |
| (5) JIC Support Manager | |
| (6) Spokesperson | |
| (7) Joint Information Production Team | |
| | |
| (8) Supply System Information Production Team | |
| | |
| | |

(9) Technical Spokesperson

(10) Audio Visual Support

(11) JIC Distribution

(12) Rumor Control Team

(13) Media Response Team

(14) JIC Receptionist

4. Benton/Franklin Counties Players

a. County Emergency Operations Center

(1) Decision Group

(a) Emergency Chairman

(b) Benton County Under Sheriff

(c) Franklin County Under Sheriff

(d) DEM Director

(e) Health Officer

(f) Public Information Officer

(2) Implementation Group

(a) Facility Representatives

(b) State DEM Representative

(c) State Patrol Representative

(d) Benton County Sheriff's
Representatives

- | | | |
|---|-------|-------|
| (e) Franklin County Sheriff's Representative | _____ | _____ |
| (f) City Police Representatives | _____ | _____ |
| (g) Fire Coordinators | _____ | _____ |
| (h) Health Department Representatives | _____ | _____ |
| (i) Red Cross Representative | _____ | _____ |
| (j) Emergency Management/
Transportation Coordinator | _____ | _____ |
| (k) Receptionist/Message
Controllers | _____ | _____ |
| | | |
| (3) Advice Group | | |
| (a) Benton County Commissioner | _____ | _____ |
| (b) Franklin County Commissioner | _____ | _____ |
| | | |
| (4) Support Group | | |
| (a) Communications Director | _____ | _____ |
| (b) Radio Operators | _____ | _____ |
| (c) Messengers | _____ | _____ |
| (d) Plotters | _____ | _____ |
| (e) PIO Support | _____ | _____ |
| | | |
| (5) Liaison Group | | |
| (a) On-site Bi-County
Representatives at EOF | _____ | _____ |
| (b) Benton County Sheriff's
Representative at EOF | _____ | _____ |
| (c) Spokesperson at JIC | _____ | _____ |
| (d) Assistant Spokespersons
at JIC | _____ | _____ |

5. Washington State Players

a. County Emergency Operations Center

- (1) State DEM Representative
- (2) State Patrol Representative

b. Supply System Emergency Operations Facility

- (1) On-site Governor's Representative _____
- (2) Alt. On-site Governor's Rep. _____
- (3) Executive Secretary _____
- (2) DSHS Representatives to EOF _____

- (3) State Agriculture Representative
to EOF _____

- (4) Meteorology and Unified Dose
Assessment Center Staff
 - (a) Protective Action Decision
Group Member _____
 - (b) Field Team Coordination
Group Members _____

- (5) Environmental Field Teams
 - (a) Team Captains _____

(b) Team Members

(c) Aerial Team

c. Joint Information Center

(1) State Emergency Public
Information Officer

--	--

(2) State Alternate Emergency
Public Information Officer

--	--

(3) State EPIO Team Member

--	--

6. Department of Energy

a. Supply System Emergency Operations Facility

(1) DOE Representative to EOF

--	--

(2) Meteorology and Unified Dose
Assessment Center Staff

(a) Protective Action Decision
Group Member

--	--

(b) Field Team Coordination
Group Member

--	--

--	--

(3) Environmental Field Team

(a) Team Captain

--	--

(b) Team Members

--	--

--	--

(4) Security Decision Center

(a) DOE Representative

--	--

(b) DOE Assistant Representative

--	--

b. Joint Information Center

(1) DOE Spokesperson

(2) DOE Assistant Spokesperson

_____	_____
_____	_____

7. U.S. Coast Guard

a. USCG Representative to EOF

b. USCG Assist. Representative to EOF

_____	_____
_____	_____

8. BPA Representatives at EOF

_____	_____
_____	_____

9. American Red Cross

a. ARC Lead Representative to JIC

Rumor Control Team

b. ARC Representatives to JIC

Rumor Control Team

_____	_____
_____	_____
_____	_____

CONTROLLERS/EVALUATORS

1. Plant

a. Control Room

- (1) Emergency Center Controller
- (2) GDS Controller
- (3) Evaluator

b. Operations Support Center

- (1) OSC Director Controller
- (2) Emergency Center Controller
- (3) Emergency Team Controllers

- (4) Chemistry Lab Controller
- (5) Evacuee Controllers

- (6) Evaluators

c. Technical Support Center

- (1) Plant Emergency Director
Controller
- (2) Emergency Center Controller
- (3) Technical Evaluator
- (4) Radiological Evaluator
- (5) Informtion Flow Evaluator

d. Central Alarm Station

- (1) Emergency Center Controller _____
- (2) Evaluator _____

2. Emergency Operations Facility

a. Exercise Headquarters (NRC Room)

- (1) Exercise Director _____
- (2) Lead EOF Controller _____
- (3) Drill Control Coordinator _____

b. Supply System Decision Center

- (1) Recovery Manager Evaluator _____
- (2) Emergency Center Controller _____

c. Security Decision Center

- (1) Emergency Center Controller _____

d. EOF Communications Center

(Handled by SDC Controller)

e. Offsite Agency Coordination Center

- (1) Emergency Center Controller _____
- (2) Information Coordinator Evaluator _____

f. Technical Data Center

- (1) Emergency Center Controller _____
- (2) Evaluator _____

g. Meteorology and Unified Dose
Assessment Center

- (1) Emergency Center Controller
- (2) Dose Projection Evaluator
- (3) Field Team Control Evaluator

(4) Supply System Field Team Lab
 Controllers Lab

Team

Team

Courier

Courier

- (5) State Field/Aerial Team
 Controllers

- (6) DOE Field Team Controllers

- (7) EDPs Controller

- (8) Emergency Center Evaluators

- (9) State Field Team Evaluators

- (10) DOE Field Team Evaluator

h. Health Physics Center

Emergency Center Controller

i. Media Briefing Preparation Area
Evaluator

j. Other Administrative Support Staff Work
Areas

None

- k. Emergency Operations Centers (See Para.
4 and 5 below)

3. Headquarters

a. Managing Director's Office None

b. Other Administrative Support Staff
Work Areas None

c. Headquarters Communications Center None

d. Joint Information Center

(1) Lead JIC Controller

(2) News Coordination Team Evaluator

(3) Media Telephone Response Team
Evaluator

(4) Rumor Control Team Evaluator

(5) News Briefing Evaluator

(6) Support Activities Evaluator

(7) News Production Evaluators

(8) Support Manager Evaluation

Control Cell Offsite

Response Controllers

e. Control Cell

- (1) Lead Controller
- (2) Rumor Control Team Controller
- (3) Media Response Team Controller
- (4) Offsite Supply System Response

4. County Emergency Operations Center

- a. Lead County EOC Controller
- b. Radio Communications Controller
- c. Emergency Dispatch Controller
- d. Evaluators

5. State Emergency Operations Center

- a. Lead State EOC Controller
- b. Communications Controller
- c. WEIC Controller

6. DOE-RL ECC Cell Controller

DEFINITIONS
EXERCISE 85

AFFF	Aqueous Film Forming Foam
AG	Agriculture, Department of Washington State
ARC	American Red Cross
ARM	Area Radiation Monitor
BPA	Bonneville Power Administration
CAC	Containment Atmosphere Control
CAS	Central Alarm Station
CCTV	Closed Circuit Television
CI	Curie
CR	Control Room
DEM	Department of Emergency Management
DES	Department of Emergency Services
DG	Diesel Generator Building
DOE	Department of Energy
DOT	Department of Transportation, Washington State
DSHS	Department of Social and Health Services, Washington State
EBS	Emergency Broadcast System
ECCS	Emergency Core Cooling System
EFSEC	Energy Facility Site Evaluation Council, Washington State
EOC	Emergency Operations Center
EOF	Emergency Operations Facility
EOFCC	Emergency Operations Facility Communications Center
EPIO	Emergency Public Information Officer
EPZ	Emergency Planning Zone
ERP	Elevated Release Point
FAX	Facsimile
FEMA	Federal Emergency Management Agency
GPM	Gallons Per Minute
HCC	Headquarters Communication Center
HP	Health Physics
HPCS	High Pressure Core Spray
I&C	Instrumentation and Control
JIC	Joint Information Center
KI	Potassium Iodide Thyroid Blocking Agent
KV	Kilovolt
LLEA	Local Law Enforcement Agency
LOCA	Loss of Cooling Accident
LPCS	Low Pressure Core Spray
MREM	Millirem
MPF	Multipurpose Facility
MS	Main Steam (line)
MSIV	Main Steam Line Isolation Valve
MUDAC	Meteorology and Unified Dose Assessment Center
NRC	Nuclear Regulatory Commission
N ₂	Nitrogen
OOS	Out of Service
OSC	Operations Support Center
PAG	Protective Action Guide

Definitions

Page Two

PAP	Primary Access Point
PAR	Protective Action Recommendation
PASS	Post-Accident Sampling System
PED	Plant Emergency Director
PEO	Patrol (Hanford) Emergency Operations
PIO	Public Information Officer
PSIG	Pounds Per Square Inch
PUD	Public Utility District
Quad	Quadrant, evacuation
RACES	Radio Amateur Civil Emergency Service
RB	Reactor Building
RCPB	Reactor Coolant Pressure Boundary
REM	Radiological Emergency Manager
RFP	Reactor Feed Pump
RHR	Residual Heat Removal
RL	Richland Operations; Department of Energy
RM	Recovery Manager
RPM	Radiation Protection Manager
RW	Rad Waste Building
RX	Reactor
SAS	Secondary Alarm Station
SBGT(S)	Standby Gas Treatment System
SDC	Security Decision Center
SECON	Security Condition
SM	Shift Manager
SSDC	Supply System Decision Center
SSW	Standby Service Water
TDC	Technical Data Center
TG	Turbine Generator Building
TK	Tank
TSC	Technical Support Center
USCG	United States Coast Guard
WC	Window Closed, Gamma, Radia Instrument
WEIC	Washington Emergency Information Center
WNP-2	Washington Nuclear Project Number 2
WO	Window Open, Gamma, Radia Instrument
WSP	Washington State Patrol

INFORMATION FOR PLAYERS AND VISITORS

EXERCISE 85

A. Player's Rules

1. Generic:

- a. Wear a player badge with emergency title on your chest.
- b. Answer any questions of the evaluators. However, it is acceptable, when conditions dictate, for you to ask the evaluator to wait until you complete an urgent task before you answer the question.
- c. If you are in doubt about what is expected of you, ask your controller for clarification.
- d. Accept and immediately act upon messages and instructions periodically issued by the controller. These inputs are essential to your successful performance.
- e. Obey your controller's directions at all times, even if he intervenes in your play.
- f. If you disagree with your controller, you can ask him to reconsider or consult with the exercise command center as time permits. You must, however, accept his/her word as final and proceed.
- g. Receive and act upon data or instructions coming only from fellow players, controllers or the exercise director.

- h. Utilize status boards, log books, record forms, etc., as much as possible to document and record your actions, instructions, and reports to your co-players. This is very important. Remember, "Put it in writing."
- i. Complete all required calls to non-participating outside agencies by instead calling the exercise control cell, where a controller will simulate the party whom you need to reach.
- j. Play out all actions as much as possible in accordance with your emergency plan and procedures as if it were a real emergency. This is to your advantage. Unless authorized by the controller, you should not simulate your actions. If authorized to simulate an action, tell the controller and evaluators how and when you would actually do them.
- k. Collect input for your After Action Report, and include in this document at the end of the exercise areas for improvement to the procedures or other factors that impact on your ability to do your job.
- l. Do not enter into conversations with the observers.
- m. Demonstrate knowledge of your emergency plan, emergency operations, and procedures.

2. Plant and EOF Players

- a. Wear the appropriate colored arm band on your left upper arm. Color designations are as follows:

WHITE	Supply System <u>Players</u>
YELLOW	Outside Agency <u>Players</u>
BLUE	<u>Evaluators</u> and <u>Controllers</u>
GOLD	Exercise <u>Director</u> and Assistants
ORANGE	<u>Observers</u> and Escorts

- b. Act as if radiation levels are actually present, in accordance with the information you may receive. This will require that you wear radiation dosimeters, anti-c's, observe good radiation protection practices, and be aware of and minimize your radiation exposure. The controllers and federal evaluators are exempt from acting as if radiation levels from the emergency exercise are present. Do not let them confuse you or cause you to act unwisely.
 - c. Follow safe procedures and take an active part in the work of protecting your fellow workers.
 - d. Follow safety rules, take no unnecessary chances, use all safeguards and safety equipment provided, and make safety a part of your responsibility.
 - e. In case of accident or injury, report this promptly to the lead controller and get first aid or medical help without delay.
 - f. Report any hazardous condition to the lead controller.
 - g. Cooperate in every respect with the safety program so the operations may be carried on in a way that ensures safety.
 - h. Know your exact duties in case of fire or an actual emergency.
 - i. Realize that safety takes precedence over all other requirements.
3. Plant Players: sign the special accountability log at the Primary Access Point.

B. Visitors' Information

1. Identification: Potential observers must contact the exercise administrator no later than August 30, 1985, for clearance to observe the exercise. Those willing to accept an evaluator's role will then have access to the area(s) to be evaluated. Others will be granted access only to the Joint Information Center. Designated evaluators will be committed to the schedule of controller/evaluator orientations and work sessions outlined at Section I-3.
2. Observers' Rules: Observers are expected to observe the following rules of emergency exercise observer etiquette:
 - o Remain in designated observer areas.
 - o Do not ask questions of the players.
 - o Do not distract the players, evaluators or controllers by loud talking, etc.
 - o Adhere to any posted no smoking signs or similar prohibitions.

Exercise coordinators who may be contacted for evaluator duties, observer clearance or other particulars on the emergency exercise:

Don Mannion	(Offsite Agency Response)	(509) 377-8474
Fred Klauss	(EOF Response)	(509) 377-8100
Bob Mogle	(Plant Response)	(509) 377-8060
Cat Stephenson	(JIC Response)	(509) 372-5326

FACILITY LOCATIONS

The following maps and floor plans are provided to assist in locating facilities.

- Figure 1: Supply System Facilities
- Figure 1-1: Ten Mile Emergency Planning Zone
- Figure 1-2: 50 mile Emergency Planning Zone
- Figure 1-4: WNP-2 Plant Site
- Figure 1-5: Emergency Operations Facility Location
- Figure 7-1: Benton County Emergency Operations Center
- Figure 10-1: WNP-2 Control Room Location
- Figure 10-2: WNP-2 Technical Support Center
- Figure 10-3: WNP-2 Operations Support Center
- Figure 10-8: Plant Support Facility
- Figure 10-10: Multipurpose Facility (First Floor) (Company Headquarters)

AIRLINE/RENTAL CAR/MOTEL INFORMATION

Three airlines currently service Pasco:

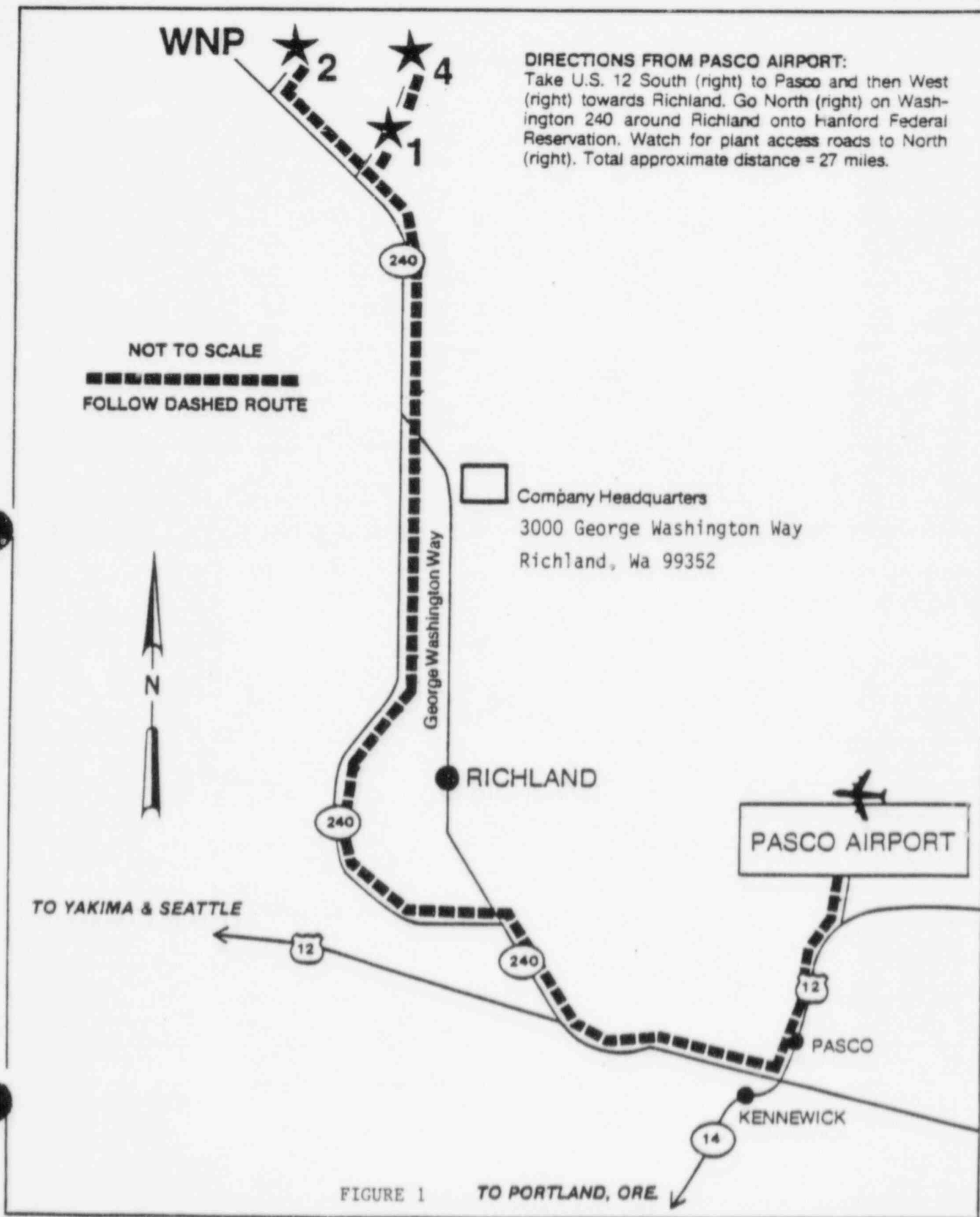
Cascade
Horizon
Western

Telephone book yellow pages on airline companies, automobile renting and motels and hotels are attached for your reference.

PLANT: **WNP - 1, 2 & 4**

LOCATION: **Richland, WA.**

LICENSEE: **Washington Public Power Supply System**



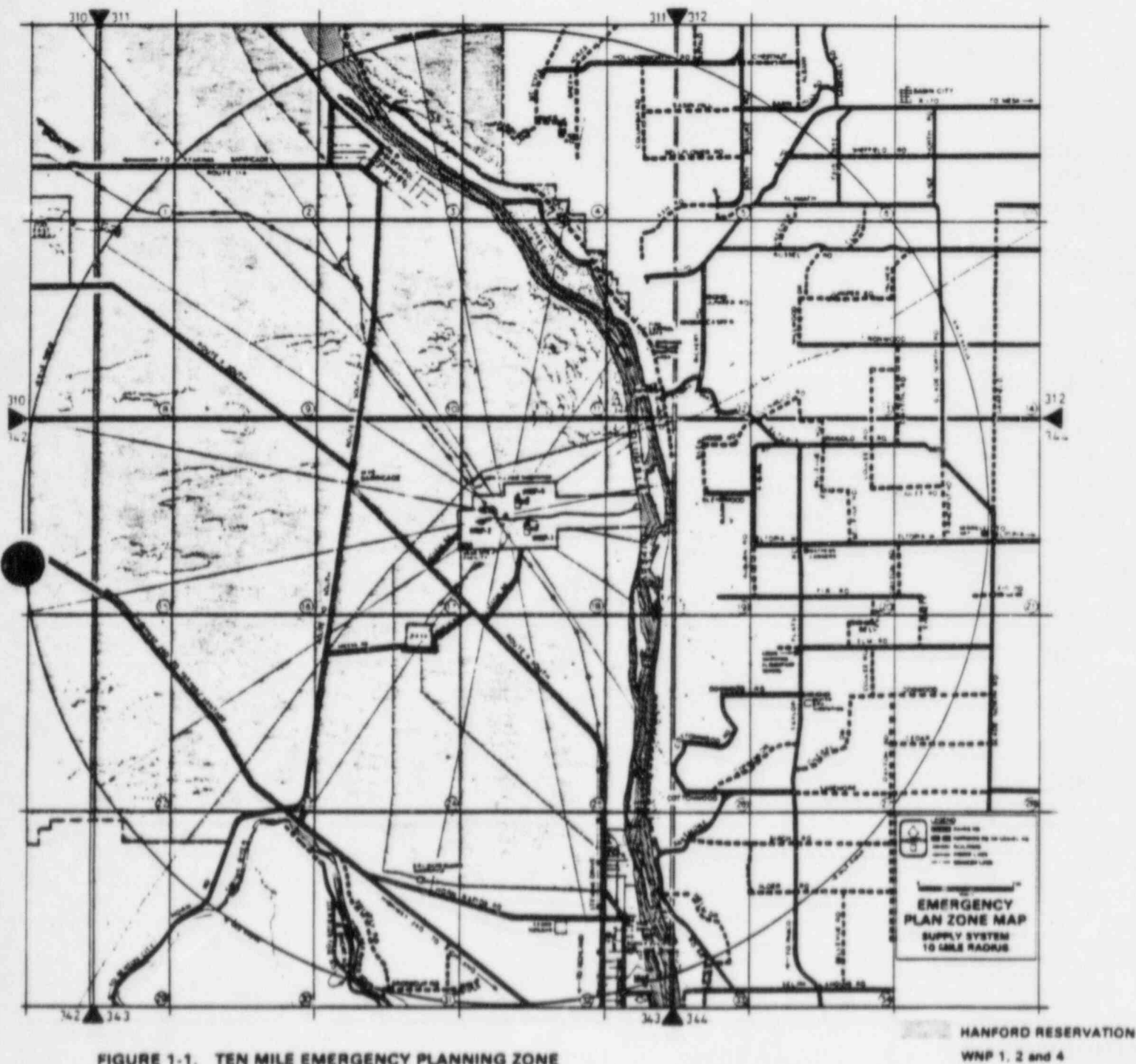


FIGURE 1-1. TEN MILE EMERGENCY PLANNING ZONE

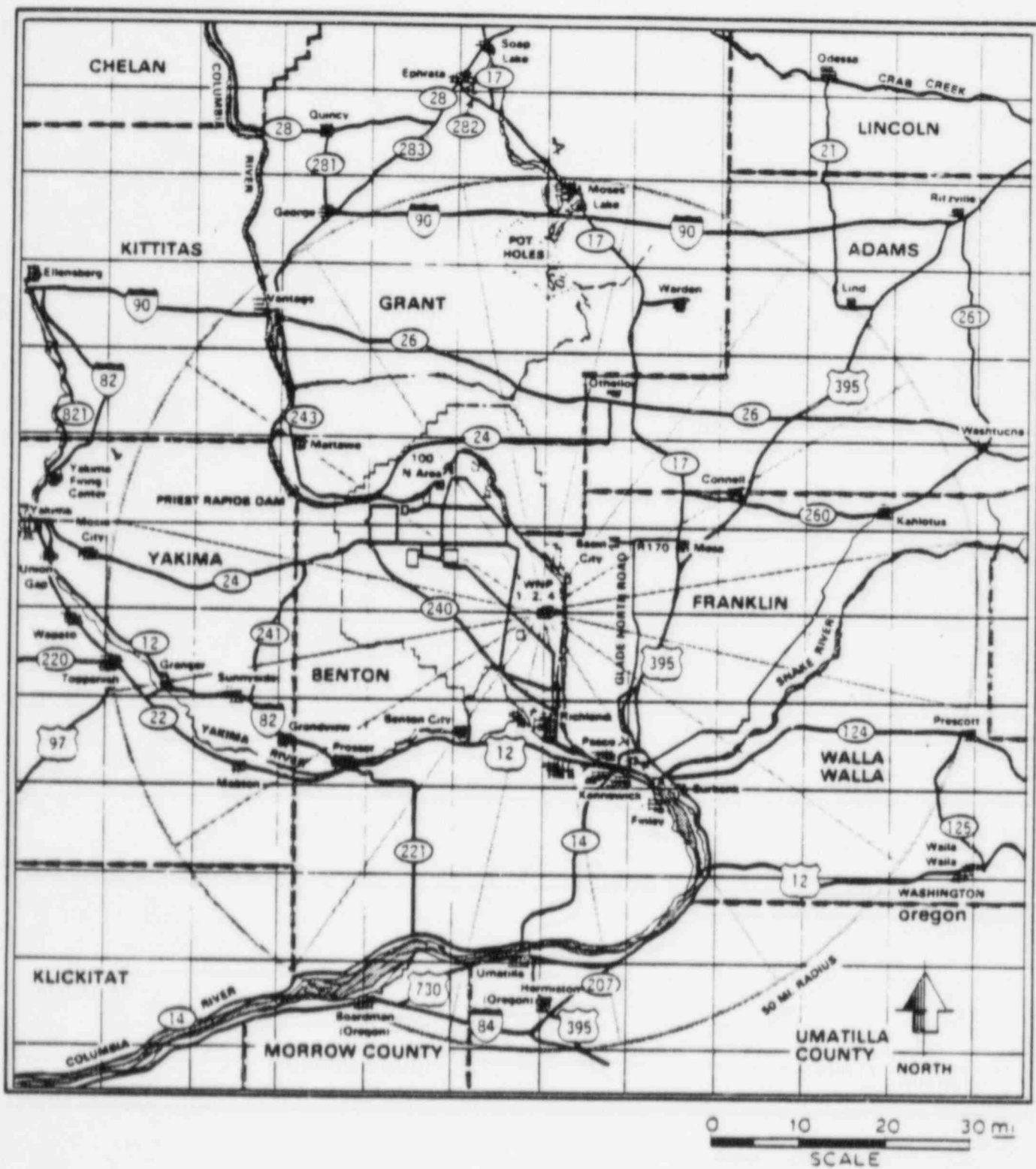


FIGURE 1-2. 50 MILE EMERGENCY PLANNING ZONE

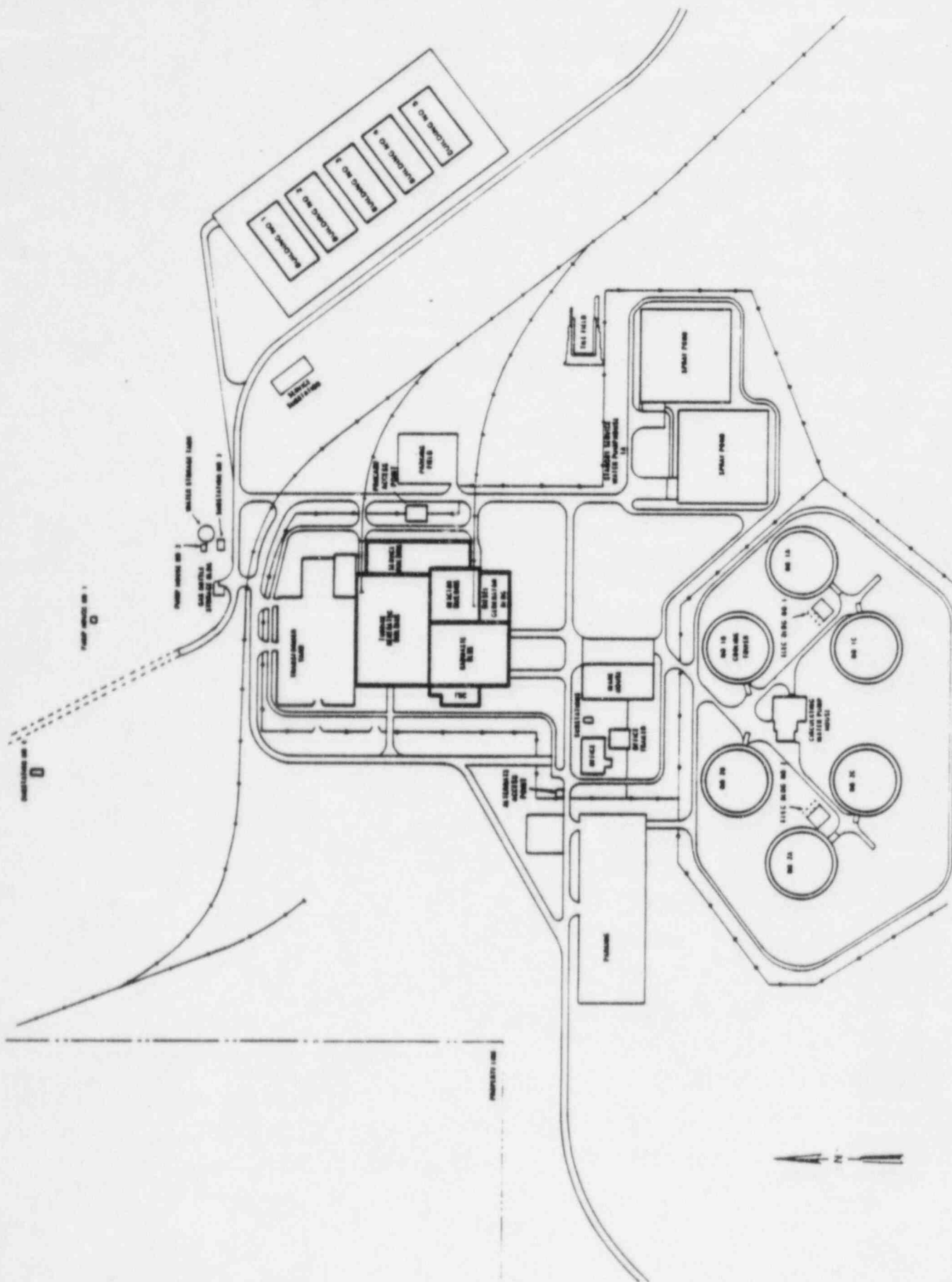


FIGURE 1-4 WNP-2 PLANT SITE

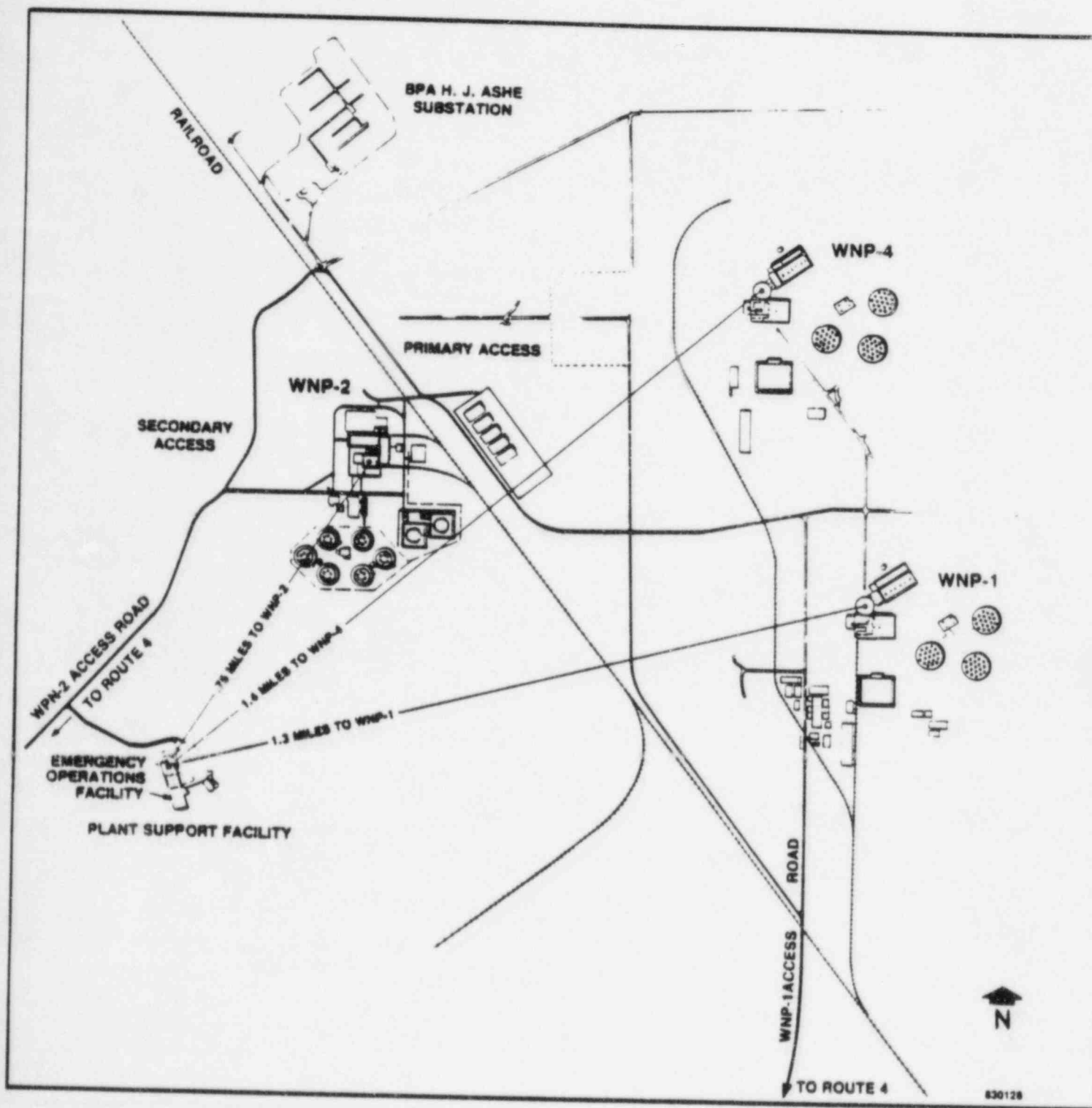
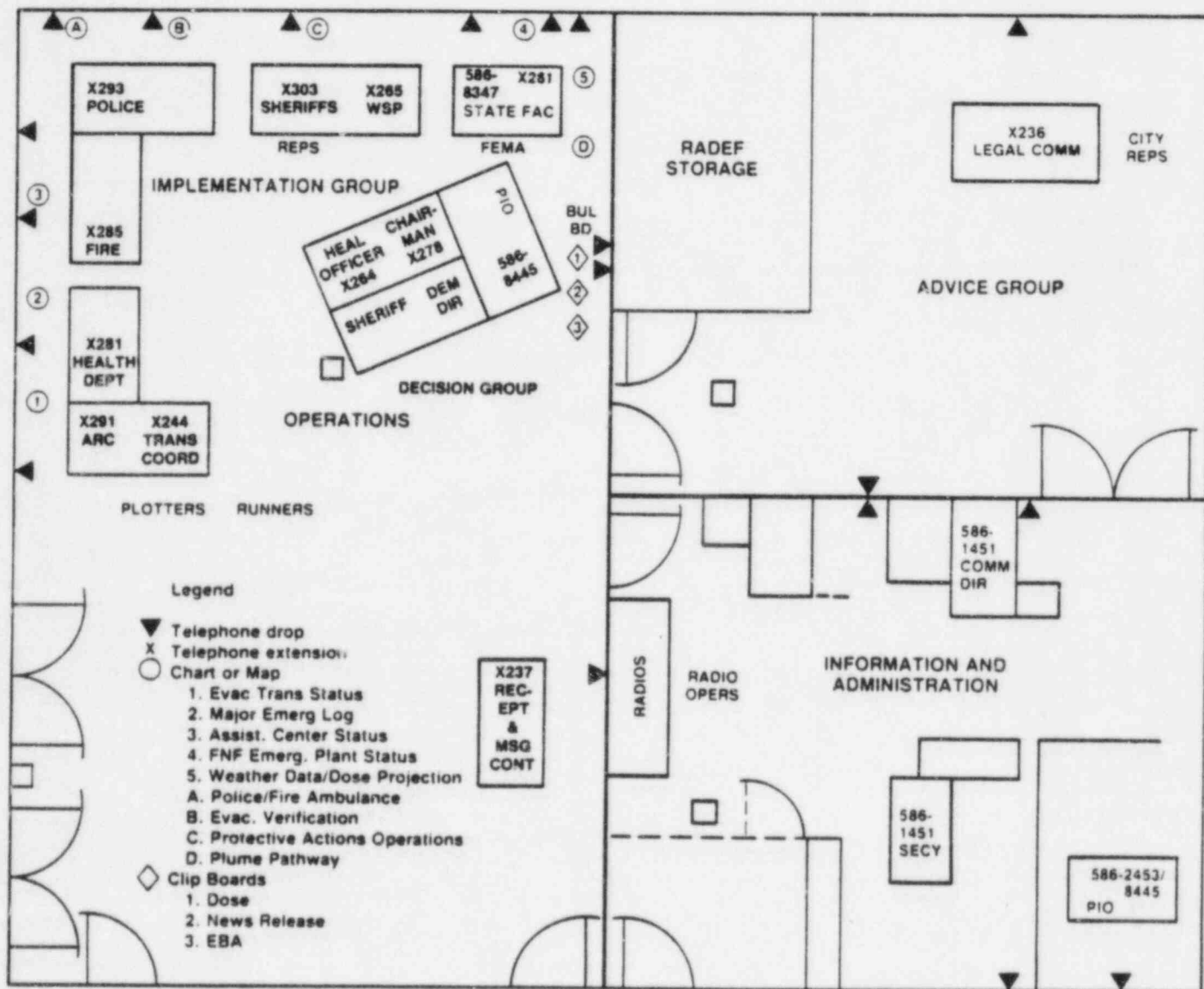


FIGURE 1-5 EMERGENCY OPERATIONS FACILITY LOCATION



8301197A

FIGURE 7-1 BENTON COUNTY EMERGENCY OPERATIONS CENTER

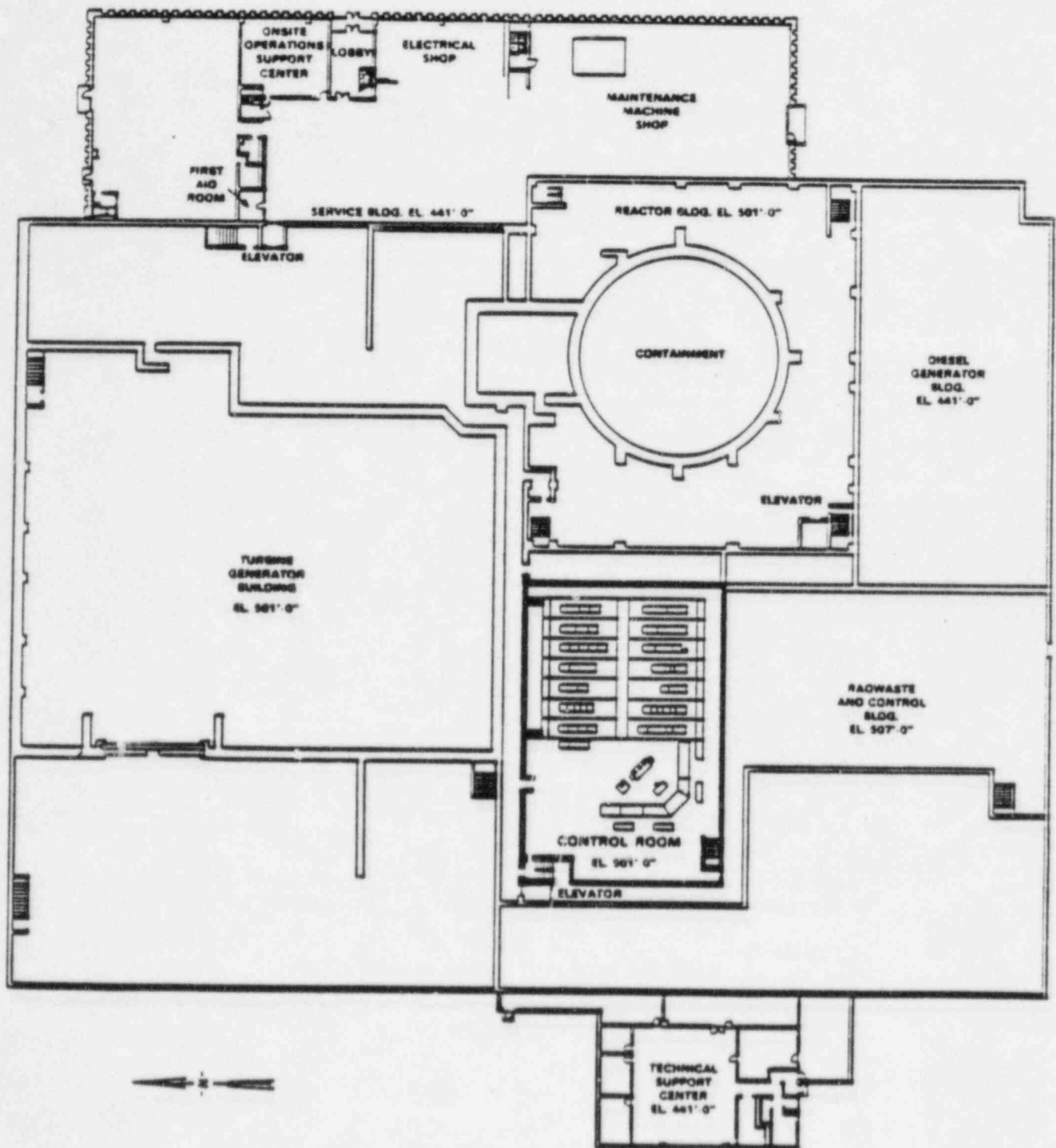


FIGURE 10-1. WNP-2 CONTROL ROOM LOCATION

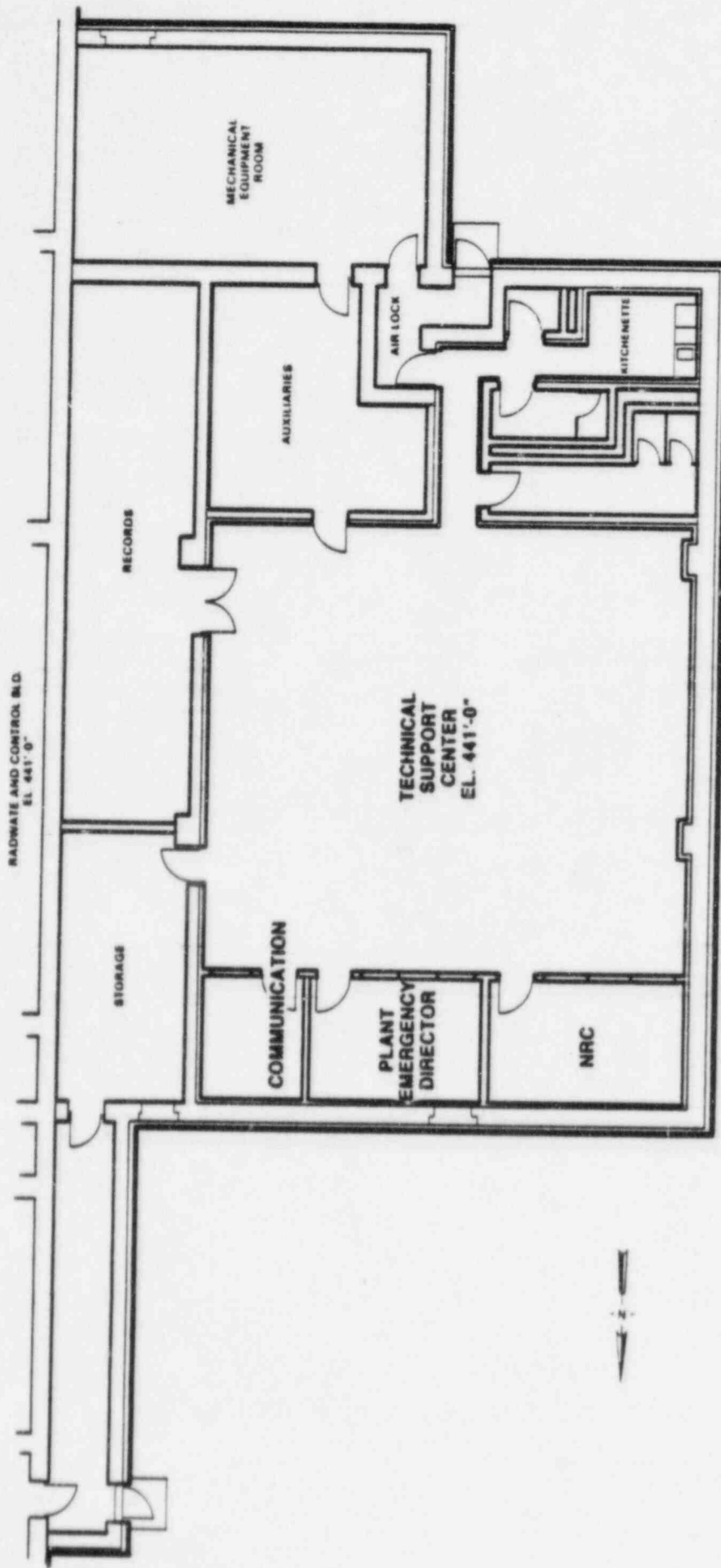


FIGURE 10-2 WNP-2 TECHNICAL SUPPORT CENTER

REVISION 3
APRIL 1983
830018-45A

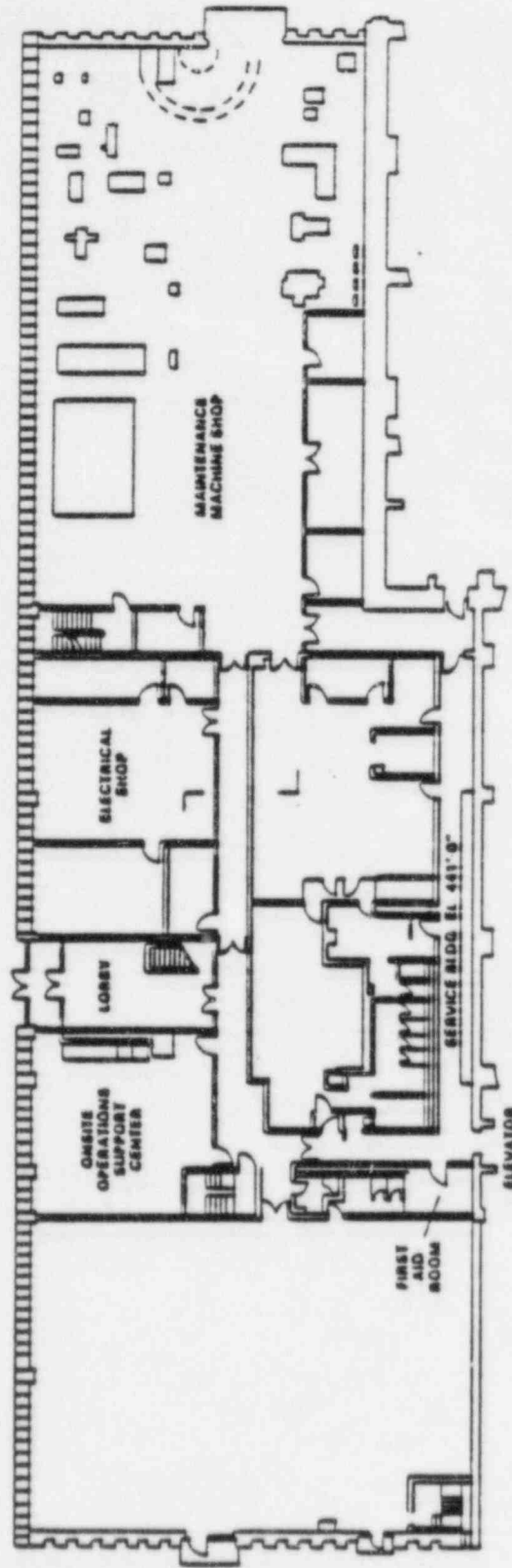
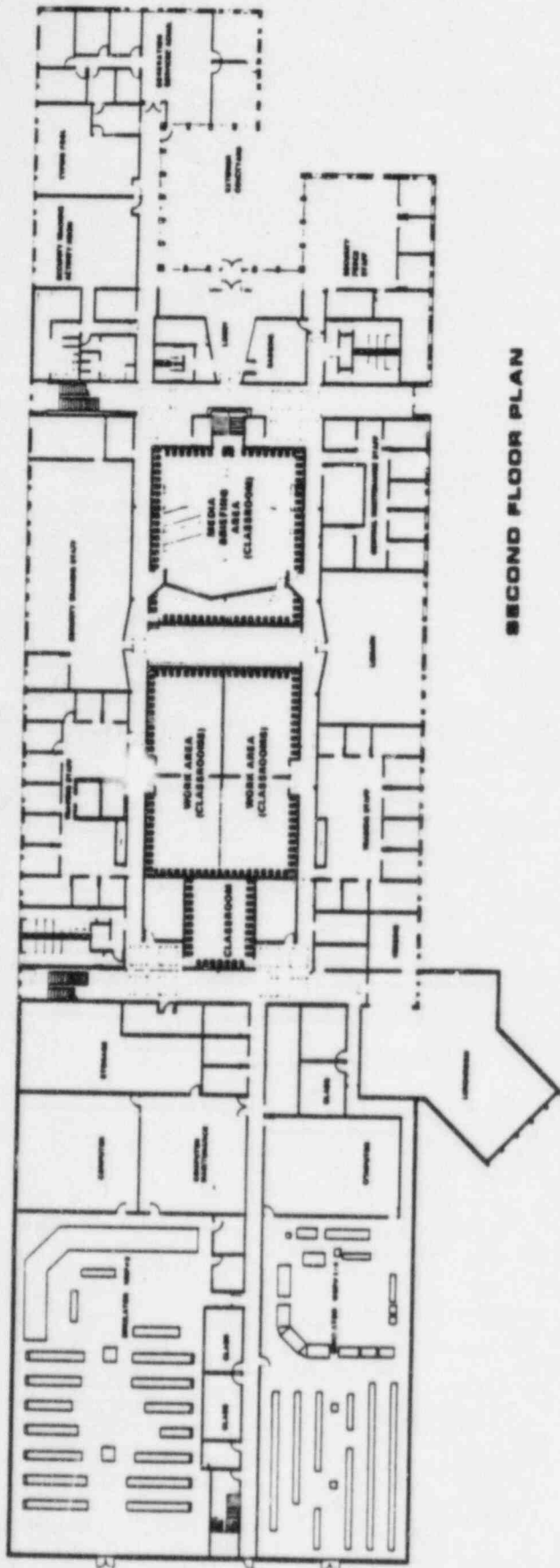
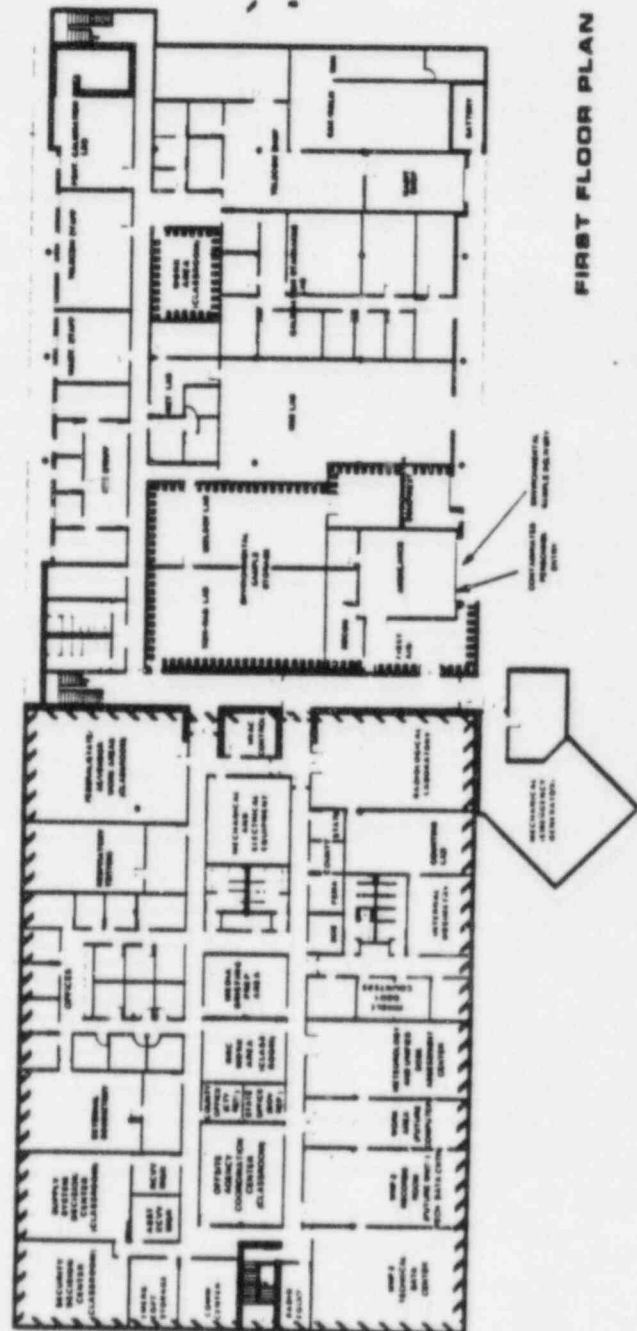


FIGURE 10-3 WNP-2 OPERATIONS SUPPORT CENTER



SECOND FLOOR PLAN



FIRST FLOOR PLAN

NEARBY EMERGENCY
OPERATIONS FACILITY (SHIELDED)
EMERGENCY USE AREAS (UNSHIELDED)



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FIGURE 10-8. PLANT SUPPORT FACILITY

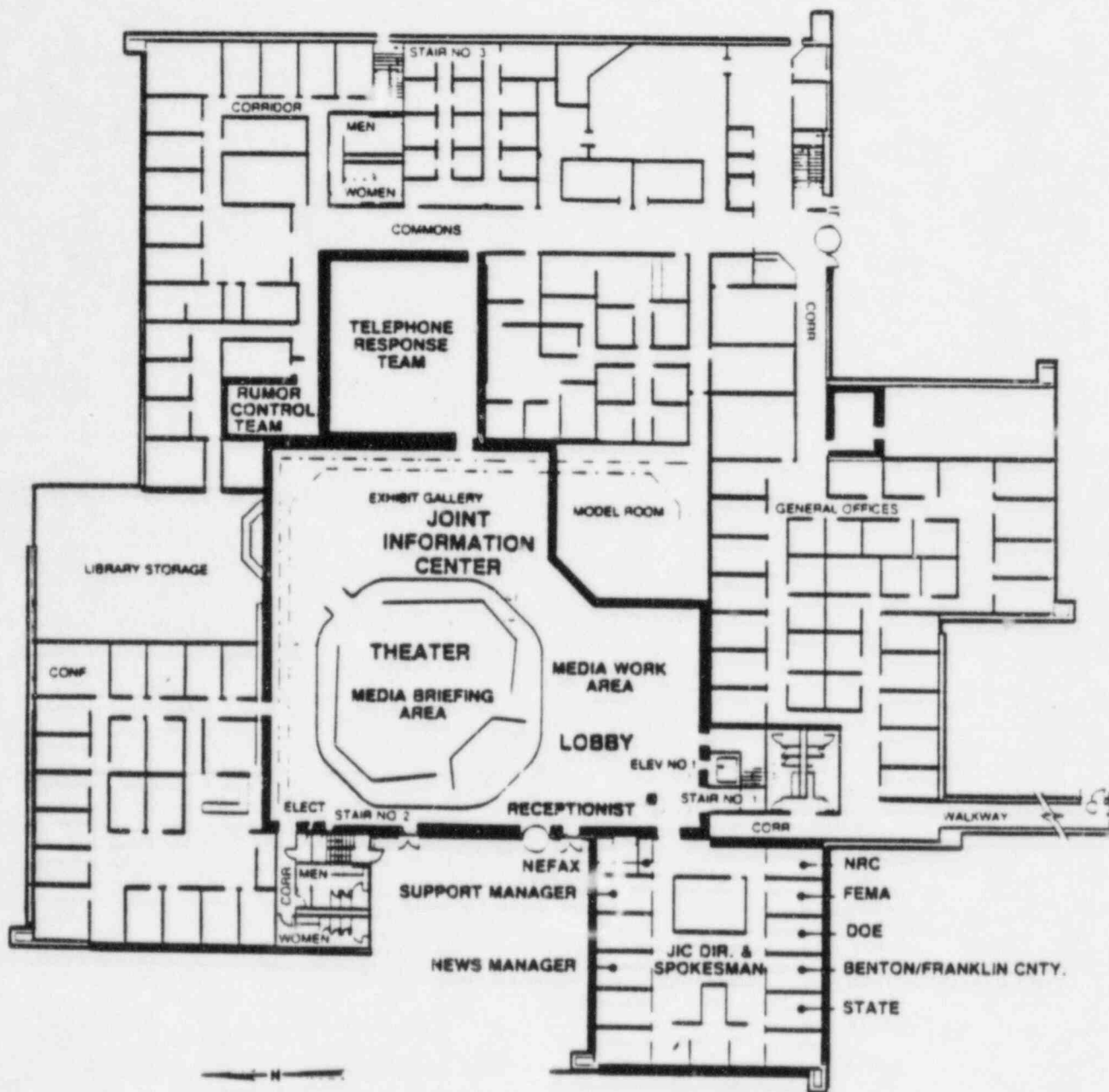


FIGURE 10-10. MULTIPURPOSE FACILITY
(FIRST FLOOR)
(TYPICAL ARRANGEMENT)

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o Portland 503 221-6323

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DATE _____

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PART II - SCENARIO

CONTENT

EXERCISE 85

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2. Scenario Sign Off
3. Scenario Forms
4. Scenario Messages and Anticipated Response Forms
5. General Data Sheets
6. Critical Points
7. Maps and Equipment

CONTROLLED DISTRIBUTION

SCENARIO SIGN OFF

EXERCISE 85

The scenario for this Exercise is approved for conduct as written on September 10, 1985.

Representative, Supply System WNP-2

Date

Representative, Supply System Support Services

Date

Representative, Supply System Power Generation

Date

Representative, State of Washington

Date

Representative, Benton and Franklin Counties

Date

Representative, Department of Energy,
Richland Operations

Date

Scenario Introduction

The scenario involves a series of events that leads to a degraded core condition and subsequent halogen and noble gas release to the environs from two paths. The core degradation is initiated by a complete condensate filter-demineralizer (CFD) septum and strainer failure. The effect is exacerbated by the CFD being in the spent condition. The initial indications of the extreme coolant chemistry are failing local power range monitors (LPRM). The normal coolant conductivity monitors are initially inoperable to allow the condition to occur undetected. With these detectors inoperable, coolant chemistry information is provided on a 4-hour frequency via sample and laboratory analysis. Further indication of the affects of the extreme coolant chemistry are indicated by increasing main steam line radiation which eventually leads to a Group I isolation initiation. The isolation successfully trips the Reactor Protection System (RPS) logic but a full scam does not occur and some rods remain partially withdrawn. The Group I isolation fails, allowing for a noble gas release path to the Turbine Bldg. via the numerous component steam leaks established by the initial conditions of the scenario.

Activation of the OSC is complicated by a heart attack suffered by the OSC Director causing his medical evacuation from the site.

At the time of the scram, a stuck open relief valve (SORV) fully opens providing the excessive blowdown rates needed for the scenario to be near realistic. The coolant chemistry sample information is delayed to allow the scenario to progress. The extreme chemistry condition present in the core further degrades the Control Rod Drive Mechanism (CRDM) collet fingers that are relied upon to maintain the control rod in position. The rapid depressurization of the reactor, at this time with approximately 10% cladding failure, provides for the only operable RHR system to be placed into shutdown cooling. The extreme chemistry condition causes RHR heat exchanger tubing failures providing a halogen release path to the standby service water spray ponds. The spray headers in the spray ponds are in service, introducing an airborne pathway. Earlier in the scenario, a failure to a spray pond level control valve caused the ponds to overflow leading to a degradation of the protected area security

fence (SECON yellow condition) and the posting of a security officer. The contaminated spray pond will cause a health physics survey team activation and contamination of the security officer and his vehicle, if applicable. The contamination pathway will also cause the evacuation of the warehouse personnel.

Later the reactor becomes critical and rapidly reaches approximately 30% power due to a massive CRDM collet finger failure event. Reactor repressurization will terminate the release to the spray ponds with RHR switching from operating in shutdown cooling to suppression pool cooling mode. At this time, operation's will inject the Standby Liquid Control (SLC) system sodium pentaborate solution to shutdown the reactor. These events were selected to maneuver the plant into a condition where coolant chemistry cannot be quickly improved by diluting the system with the suppression pool contents or by Reactor Water Cleanup (RWCU) operation because of the scavenging affect the powdered resins have on the sodium pentaborate.

This will provide for various reactionary/combattent options to be explored. The sudden power escalation to 30% in conjunction with the severe coolant chemistry cause additional core degradation to projected core damage 30% requiring event classification escalation to General Emergency. The resulting repressurization re-initiates the turbine bldg. release causing elevated dose rates in the release plume. The SLC injection will shutdown the reactor allowing depressurization and termination of the release. These factors should provide for de-escalating the emergency classification. The recovery process is expected to focus on improving coolant chemistry by RWCU operation (which would require additional borated solution or use of a borated resin mixture) or boration of the suppression pool to permit dilution of the reactor coolant with suppression pool water.

Time Line Summary

Exercise 85

<u>0530</u>	<u>0545</u>	<u>0600</u>	<u>0630</u>	<u>0645</u>	<u>0655</u>
<ul style="list-style-type: none"> o Rx rated conditions, Equilibrium Xe o 3300 MW_{th} 1100 MW_E o SEQ = B1 o Electrical storm at plant. 	<ul style="list-style-type: none"> o Range Fire o <u>Unusual Event.</u> 	Shift change.	Chem. Results Ph 6.8 Conductivity .08 umhos chlorides 1 ppb	<ul style="list-style-type: none"> o RHR sump pump run time indicating excessive system leakage. 	<ul style="list-style-type: none"> o RHR seal failure confirmed. o Other RHR pump place in SPC.
<u>0700</u>	<u>0720</u>	<u>0730</u>	<u>0745</u>	<u>0750</u>	
<ul style="list-style-type: none"> o LPRM's begin failing. 	<ul style="list-style-type: none"> o M/S line Rad moderate but steady increase. 	<ul style="list-style-type: none"> o M/S line rad. levels off at approximately 2 x N. 	<ul style="list-style-type: none"> o Rod 30-27 drifting out Secured at 00. 	<ul style="list-style-type: none"> o Met. tower hit by lighting. o Report received in control room that spray ponds are over-flowing. 	
<u>0755</u>	<u>0815</u>	<u>0825</u>	<u>0830</u>	<u>0845</u>	
<ul style="list-style-type: none"> o RW control room reports "0" psid on Cond. F/D that previously read 25 psid. 	<ul style="list-style-type: none"> o M/S rad spikes and causes Group I isolation. o MS-V-22A & 28A fail to close. o RPIS indicates some rods not full in. o <u>Alert Event</u> 	<ul style="list-style-type: none"> o Security Reports erosion under fence. Secon "Yellow" 	<ul style="list-style-type: none"> o Chemistry returns with sample results which indicate low pH and high conductivity. o Samples also hot and are being evaluated for I and Cs o Spray Pond overflow stopped. 	<ul style="list-style-type: none"> o OSC Director suffers heart attack. 	
<u>0900</u>	<u>0915</u>	<u>0930</u>	<u>0945</u>	<u>1005</u>	
<ul style="list-style-type: none"> o Rad levels in TGB increasing, ARM's alarming. 	<ul style="list-style-type: none"> o Attempts to insert all rods unsuccessful but rods that were inserted were sufficient to bring Rx subcritical. o ARM 11 and 15 alarming. 	<ul style="list-style-type: none"> o RHR Heat Exchanger leak indication. o ARM 9, 12, 32 alarming. 	<ul style="list-style-type: none"> o Indications of noble gases in Turbine Building. o ARM 23 and 33 alarming. 	<ul style="list-style-type: none"> o Indications of low levels of contamination in protected area and exclusion area contamination. 	

Time Line Summary

Exercise 85 (Continued)

1015

- o Rx repressurizes due to CRD collet finger failures.
- o SD cooling isolates.
- o Rx power increases to 30% power.
- o SLC injected.
- o A RHR loop placed in S/P cooling.
- o Site Area Emergency.

1030

- o ARM 16, 17, 18 alarming.

1100

- o ARM 9, 32, 33 stop alarming.

1115

- o Core severely degraded due to chemistry and rapid increase in power. SRV closes.

1130

- o ARM 5 alarming.

1140

- o Rx subcritical and but pressurized.
- o Release from Turbine Bldg. peaks.
- o Wind shift frontal passage.
- o General Emergency.
- o ARM 9 alarming.

1200

- o ARM 4 alarming.

1215

- o ARM 24 and ARM 32 alarming.

1230

- o Rx depressurized to reduce release rate.
- o Release terminated.
- o Possible downgrade to Site Area Emergency.
- o ARM 10 and ARM 33 alarming.
- o ARM 16, 17, and 18 stop alarming.

1235

- o RHR loop returned service and used in SD cooling.

1235

- o RHR loop returned service and used in SD cooling.

1300

- o Briefing on plant plans.
- o ARM 9 and ARM 11 stop alarming.

1330

- o Exercise secured for participants.
- o MUDAC still functions.

1430

- o Exercise terminated.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

DRILL SCENARIO

DRILL NO.

Exercise 85

PAGE

1 of 9

EVENT	DRILL TIME	REAL TIME	MESSAGE NUMBER	MESSAGE FOR	LOCATION OF CONTROLLER	MESSAGE FROM	MESSAGE	ANTICIPATED RESPONSE
Initiating conditions	0000	0530	1	Shift Manager and manager of each emergency center when activated	Control Room each emergency center	Controllers	Reactor Plant/Conditions: o 3300 MW _{th} = Rx Power o 1100 MW _e = Elec Output o Seq = 81 o Fuel cycle - 8 o Incp Equip. and Plant Conditions: Conductivity instrument for coolant water o Numerous small steam leaks in T/B o Lightning storm ongoing o Chemistry samples being taken once per four hours for chlorides cond and pH.	Shift Manager directs continued chemistry sampling
Range Fire in area of Benton Substation.	0015	0545	2	Control Room Staff	Control Room	Controller	BPA has advised you that your 115 Kv power supply is threatened.	Shift Manager directs: o Unusual Event declaration o Shift change at 0600.
Chemistry Sample results/CR shift change	0100	0630	3	Shift Manager	Control Room	Controller	Chemistry sample results: pH = 6.8 Cond = .08 umhos Chlorides < 1 PPb	Shift Manager turns over Plant Status and Unusual Event
RHR pump "B" gross seal leak	0115	0645	4	Control Room Staff	Control	Controller	"B" RHR pump room pump excessive run time alarm annunciated.	Shift Manager directs E0 to investigate.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

DRILL SCENARIO

DRILL NO. Exercise 85

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EVENT	DRILL TIME	REAL TIME	MESSAGE NUMBER	MESSAGE FOR	LOCATION OF CONTROLLER	MESSAGE FROM	MESSAGE	ANTICIPATED RESPONSE
RHR pump "B" gross seal leak confirmed	0125	0655	5	EO dispatched to pump	With EO	Controller	You see a large amount of water flowing from the pump seal area.	EO reports status to SM. RHR pump out of service for repairs.
Failure of LPRM's	0130	0700	6	Control Room Staff	Control Room	Controller	The following LPRM's have failed: o 32-25(B) o 40-33(B) o 32-33(B) o 24-17(B) o 24-41(B) o 16-25(B) o All are on level B and in central region of core o M/S line Rad increasing	Shift Manager directs: o Determination if APRM is inop due to LPRM failures o Possible drawing of more coolant samples
Failure of more LPRM's	0145	0715	7	Control Room Staff	Control Room	Controller	More LPRMs have failed: o 24-49(B) o 16-57(A) o 56-17(B) o 32-09(D) o 24-17(A) o 24-57(D) o 56-17(C)	Shift Manager declares: APRM Channel F inoperable by Tech Spec.
Main steam line rad alarm annunciates	0150	0720	8	Control Room Staff	Control Room	Controller	The M/S line high rad monitor is annunciating and on steady but moderate increase.	Shift Manager directs that power be reduced by flow to reduce rad levels or to determine effect.
M/S rad levels stabilize	0200	0730	9	Control Room Staff	Control Room	Controller	Main steam line rad levels appears to be leveling off at 2 x N	Shift Manager requests a chemistry sample, to include I ₁₃₁ and Cs ₁₃₇
Control rod drift	0215	0745	10	Control Room Staff	Control Room	Controller	Rod 30-27 is drifting out. It fails to stay in the desired position.	Shift Manager directs that the rod be driven to position 00.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

DRILL SCENARIO

DRILL NO.
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EVENT	DRILL TIME	REAL TIME	MESSAGE NUMBER	MESSAGE FOR	LOCATION OF CONTROLLER	MESSAGE FROM	MESSAGE	ANTICIPATED RESPONSE
Met tower struck by lightning	0220	0750	11	Control Room Staff	Security CAS	Controller	Patrol 2 has just reported that Met tower has been struck by lightning	Shift Manager dispatches EO to survey damage.
Spray Ponds overflow	0221	0751	12	Patrol 3 Security Officer	CAS/with Officer	Controller	You see the following: (Describes water overflowing from spray pond)	Officer reports situation to the CAS Operator. CAS Operator informs: o Security Supervisor o Shift Manager Shift Manager dispatches EO to investigate.
Demineralizer problem	0225	0755	13	Radwaste Control Room Staff	Radwaste Control Room	Controller	Cond F/D "1D" was near 25 psid and about to be backwashed when noticed delta P indicator at "0" psid.	Radwaste Control Room Staff reports condition to the Shift Manager. Shift Manager contacts the chemistry staff.
Reactor Scrams (<u>Alert</u>)	0245	0815	14	Control Room Staff	Control Room	Controller	<ul style="list-style-type: none"> o Rx Scram on Hi Rad o MS-V-22A and 28A failed to close o RPIS indicates rods not full in o Level restored by HPCS auto start, Rx level at L-8 o Turbine tripped manually o APRM's indicates 1-2% power o SORV -1B full open 	Shift Manager <ul style="list-style-type: none"> o Declares Alert (due to RCPB isolation failure) o Initiates notification o Attempts to insert all rods not full in o Attempts to isolate M/S line remotely Other Emergency Managers Initiate notifications and required emergency center activations.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

DRILL SCENARIO

DRILL NO.
Exercise 85PAGE
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EVENT	DRILL TIME	REAL TIME	MESSAGE NUMBER	MESSAGE FOR	LOCATION OF CONTROLLER	MESSAGE FROM	MESSAGE	ANTICIPATED RESPONSE
Perimeter fenceline erosion	0255	0825	15	Patrol 3 Security Officer	With Patrol 3	Patrol 3 Controller	While observing the water overflow you notice that the ground under the perimeter fenceline is beginning to erode along microwave zones 26, 27, 29, 30 and 31 leaving large holes.	Patrol 3 o Contact CAS and report observations. o Standby as a compensatory measure. o Request additional support (as required). CAS o Notify Security Supervisor o Notify PED o Post Compensatory Measures (if needed).
Railroad track erosion	0300	0830	16	Patrol 3 Security Officer	With Patrol 3	Patrol 3 Controller	While conducting your visual observations of the perimeter fenceline you notice that the water has also eroded a large hole under the railroad tracks at the southeast corner of Spray Pond IA.	Patrol 3 o Contact CAS and report observations. CAS o Notify Security Supervisor. o Notify PED. Security Supervisor o Declares SECON yellow. PED o Notify DOE.
Chemistry sample results	0300	0830	17	Chem Lab Staff	Chem Lab	Controller	Reactor coolant sample results: pH = 4.0 Cond = 7,000 umhos Chlorides = 400 ppm I ₁₃₁ = 0.6 uCi/cc Cs ₁₃₇ = 0.03 uCi/cc	STA/TSC Director/RPM Deduce that chemistry problems are related to resin intrusion from Cond. F/D 1D. Should request: o Air space sample in S/P o Investigate sample results to determine extent of core damage

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

DRILL SCENARIO

DRILL NO. Exercise 85 PAGE 5 of 9

EVENT	DRILL TIME	REAL TIME	MESSAGE NUMBER	MESSAGE FOR	LOCATION OF CONTROLLER	MESSAGE FROM	MESSAGE	ANTICIPATED RESPONSE
Spray pond overflow stopped	0305	0835	18	E0 Staff	Spray Pond	E0 Controller	Overflow condition has terminated.	E0 contacts Operators Support Center; reports overflow stopped. Security Officer notifies TAS of same.
OSC Director sick, cannot continue	0315	0845	19	OSC Director	OSC	Controller	You have suffered a heart attack.	OSC Director attended to; Alternate OSC Director located and briefed.
Turbine Bldg ARMS alarms	0330	0900	20	Control Room Staff	Control Room	Controller	ARMS are alarming 23 and 33	Shift Manager informs PED PED directs OSC Director to conduct a survey OSC Director dispatches team to TGB to conduct a survey.
Reactor becomes subcritical	0345	0915	21	Control Room Staff	Control Room	Controller	Reactor has become subcritical and at 100PSIG. ARM 11 & 15 alarming.	Shift Manager o Informs PED o Continues to monitor reactor status
Spray pond slightly contaminated	0400	0930	22	Control Room Staff	Control Room	Controller	Rad levels from SW-RIS-604 alarmed Hi and increasing. ARM 9, 12, 32 alarming.	PED/REM/RPM directs evacuation of warehouse personnel RPM/REM initiates offsite monitoring. o Security Officer dispatched to HQ for accountability. o PED directs establishment of road block.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

DRILL SCENARIO

DRILL NO. Exercise 85

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EVENT	DRILL TIME	REAL TIME	MESSAGE NUMBER	MESSAGE FOR	LOCATION OF CONTROLLER	MESSAGE FROM	MESSAGE	ANTICIPATED RESPONSE
Detection of Xe and Kr levels	0415	0945	23	Reentry Team in TGB	With Team	Controller	You have indication of airborne activity. ARM 23 and 33 alarming.	Team Leader reports detection to the OSC Director. OSC Director reports detection to the PED and SM.
Contaminated Security Officer(s)	0435	1005	24	Survey Team	With Survey Team at Spray Pond	Controller	During the survey of the Spray Pond area you find that the Patrol 3 Security Officer (and any other Security Officers in the area) have been contaminated.	<p>Survey Team</p> <ul style="list-style-type: none"> o recommends to personnel at spray pond to evacuate. <p>Patrol 3</p> <ul style="list-style-type: none"> o Contact CAS o Follow directions of the survey team once relieved from post. <p>CAS</p> <ul style="list-style-type: none"> o Notify Security Supervisor o Notify PED o Post new compensatory measures at a safe distance on recommendations of HP personnel.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

DRILL SCENARIO

DRILL NO.
Exercise 85PAGE
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EVENT	DRILL TIME	REAL TIME	MESSAGE NUMBER	MESSAGE FOR	LOCATION OF CONTROLLER	MESSAGE FROM	MESSAGE	ANTICIPATED RESPONSE
Reactor repressurizes at approximately 30% power (Site Area Emergency)	0445	1015	25	Control Room Staff	Control Room	Controller	<ul style="list-style-type: none"> o Rx repressurizing o RPIS indicating rods drifting out o Power level on APRMs indicating 15% o RHR isolation on increasing Rx pressure. 	Shift Manager directs SLC be injected PED <ul style="list-style-type: none"> o Declares Site Area Emergency o Directs a RHR loop be placed in S/P cooling o Directs notifications o Directs offsite monitoring to assess exclusion boundary doses Other Emergency Managers Direct notifications and remaining emergency center activations. REM dispatches field teams. County Emergency Chairman makes EBS broadcast.
ARMS alarm and Stop	0500-0530	1030-1100	26	Control Room Staff	Control Room	Controller	1030 <ul style="list-style-type: none"> o ARM 16, 17, 18 alarming. 1100 <ul style="list-style-type: none"> o ARM 9, 32, 33 stop alarming. 	<ul style="list-style-type: none"> o Acknowledge alarms.
Turbine Bldg. release high range monitor alarms	0520	1050	27	Control Room Staff	Control Room	Controller	<ul style="list-style-type: none"> o TEA-RE-13 alarming. 	Control Room Staff <ul style="list-style-type: none"> o Attempt to mitigate the release.
Reactor status update	0545	1115	28	Control Room Staff	Control Room	Controller	<ul style="list-style-type: none"> o SORV is closed o Pond level is under control 	Shift Manager/PED continues to monitor/control reactor status.
ARM Alarm	0600	1130	29	Control Room Staff	Control Room	Controller	<ul style="list-style-type: none"> o ARM 5 alarms 	<ul style="list-style-type: none"> o Acknowledge alarms.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

DRILL SCENARIO

DRILL NO. Exercise 85

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EVENT	DRILL TIME	REAL TIME	MESSAGE NUMBER	MESSAGE FOR	LOCATION OF CONTROLLER	MESSAGE FROM	MESSAGE	ANTICIPATED RESPONSE
Reactor status update	0610	1140	30	Control Room Staff	Control Room	Controller	<ul style="list-style-type: none"> o Rx subcritical w/ pressure being maintained at 900 psig. o ARM 9 alarming. 	Shift Manager <ul style="list-style-type: none"> o Contacts the PED o Places the Control Room in a pressurization mode. o Attempts to depressurize reactor to terminate or reduce the release. o Issues KI to emergency personnel. o Shelter emergency personnel. o County Emergency Chairman o Makes EBS Broadcast and implements PAD. o Acknowledge alarms. o General Emergency declared.
ARMS alarm		1200-1215	31				1200 ARM 4 alarms 1215 ARM 24, 32 alarm	<ul style="list-style-type: none"> o Acknowledge
Rx depressurized (<u>Site Area Emergency</u>)	0700	1230	32	Control Room Staff	Control Room	Controller	<ul style="list-style-type: none"> o Rx depressurized o TB rad monitor decreasing rapidly o ARM 10 and 33 alarm o ARM 16, 17, 18 stop alarming. 	Shift Manager informs PED. PED <ul style="list-style-type: none"> o Informs RM. County Emergency Chairman makes EBS broadcast. <ul style="list-style-type: none"> o Acknowledge alarms.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

DRILL SCENARIO

DRILL NO.
Exercise 85PAGE
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EVENT	DRILL TIME	REAL TIME	MESSAGE NUMBER	MESSAGE FOR	LOCATION OF CONTROLLER	MESSAGE FROM	MESSAGE	ANTICIPATED RESPONSE
RHR B Pump returned to service	0705	1235	33	Reentry Team	with Team at RHR B Pump	Controller	The pump seal is repaired.	Reentry Team Leader informs OSC Director. OSC Director informs o PED o Shift Manager Shift Manager returns pump to service. PED informs RM.
Perimeter cameras being obscured by spray from spray pond	0715	1245	34	CAS	In CAS	CAS Controller	With the operation of the spray pond spray trees, cameras 4, 5, 6, 7, 8, and 9 have been obscured by the spray.	CAS o Notifies mobile 2 to post compensatory measures (if needed) o Notifies Security Supervisor.
Query on Future Operations	0730	1300	35	Recovery Manager	Control Cell	Managing Director	I am meeting with the Governor in the Crisis Management Center in 30 minutes. Give me a briefing on the plans for the plant by 1320.	RM, Tech Manager, PED, TSC Director, and others as appropriate, state that the longer term concern should be to improve chemistry by providing a borated resin for RWCU or adding sodium pentaborate to S/P to dilute contents of reactor.
ARM stop alarm	0730	1300	36				o ARMS 9 & 11 stop alarming.	Shift Manager o Acknowledges alarm stop.
Partial exercise termination	0800	1330	37	Recovery Manager	Exercise Control Center	Exercise Director	All participants except for MUDAC and field teams may secure from the exercise.	All Implementation
Total exercise termination	0900	1430	38	Remaining MUDAC/field team players	Exercise Control Center	Exercise Director	Exercise is terminated	Remaining Players Implement

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

CALL NO. 1985 EMERGENCY EXERCISE		PAGE 1 OF	
MESSAGE NO. 1	TIME: REAL 0530	<input type="checkbox"/> AM <input type="checkbox"/> PM	DRILL 0 HOURS
CONTROLLER LOCATION CONTROL ROOM			
CONTROLLER NAME		ORGANIZATION	

MESSAGE FOR Shift Manager and Managers of each Emergency Center when activated.

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

The initial conditions of this exercise are contained in the fact sheet I am giving you.

REFERENCE GENERAL DATA SHEETS 1-5 & 7

FOR CONTROLLER USE ONLY

Have the Control Room Staff announce over the PA set "An exercise is in progress. Personnel not identified as participants in this exercise should continue with their normal work schedule." (Repeat)

- o Have the Control Room Staff repeat the announcement approximately every hour.
- o Controllers at each center distribute copies of fact sheet to Center Managers as they arrive.

FACT SHEET
1985 WNP-2 EMERGENCY EXERCISE
INITIAL CONDITIONS
AS OF 0530 HOURS, THIS DATE

1A

1. Introduction: This fact sheet describes the hypothetical situation for the realistic progression of the exercise. To better understand the events as they unfold, players should keep these background facts in mind.
2. Supply System: The Supply System has been successfully operating WNP-2 at near industry record values and is currently in its eighth operating cycle.
3. Plant Conditions:
 - a. The reactor power level is 100% and the net electrical output is 1100 MW_e.
 - b. Rod sequence is B1.
 - c. An unseasonal storm has blown in from the Gulf of Alaska and lightning strikes have been witnessed throughout the area.
 - d. A large number of small steam leaks exist within the Turbine Building. The leakage volume has been stable for over 2 months.
 - e. Inoperable equipment:
 - o Fire suppression water pump (2A) in 7 day LCO- Parts on order and will arrive in time.
 - o A failed coolant conductivity instrumentation - sampling for pH, chlorides and conductivity every four (4) hours - next sample results due 0630.
 - o Moisture separator Reheater B shell side drain tank level controller - repairs in progress.
 - o Control Room area temperature monitor system - waiting on parts from Portland - next temperature survey due 0715.
4. Emergency Situation: As of 0530, this date none. For players receiving this sheet after emergency organization activation, the revised initial conditions should be based upon Control Room communications.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

2 of

RELATES TO MESSAGE NO.

1

TIME:

REAL Various

☐ AM☐ PM

DRILL Various

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager

Control Room

- o Reads facts sheet.
- o Distributes data to staff as appropriate
- o Passes to on-coming shift at 0600.
- o Read facts sheet, upon activation.
- o Receive updated plant status via emergency communication system routing.

All other emergency
center managers

Various

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO. 1985 EMERGENCY EXERCISE		PAGE 3 OF	
MESSAGE NO. 2	TIME: REAL 0545	<input type="checkbox"/> AM <input type="checkbox"/> PM	DRILL 0015 HOURS
CONTROLLER LOCATION CONTROL ROOM			
CONTROLLER NAME		ORGANIZATION	

MESSAGE FOR Control Room Staff

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

You have been advised by the BPA (ASHE) that there is a range fire in the vicinity of the Benton Substation and that your 115Kv line is threatened.

REFERENCE GENERAL DATA SHEETS 70, 73

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Default Unusual Event declaration 0615.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

4 of

RELATES TO MESSAGE NO.

2

TIME:

REAL 0545

☐ AM☐ PM

DRILL 0015

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager/PED

Control Room

- o Declares "Unusual Event".
- o Initiates notification process.
- o Follows fire situation to assess consequences to the plant electrical supply.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

5 OF

AGE NO.

3

TIME:

REAL 0630

☐ AM☐ PM

DRILL 0100

HOURS

CONTROLLER LOCATION

CONTROL ROOM

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR

Shift Manager/PED

MESSAGE FROM

Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

The results of the 0230 chemistry sample are as follows:

pH = 6.8

Conductivity = .08 umho

Chlorides < 1 ppb

REFERENCE GENERAL DATA SHEETS

N/A

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Repeat exercise announcement.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

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RELATES TO MESSAGE NO.

3

TIME:

REAL 0630

☐ AM☐ PM

DRILL 0100

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager/PED

Control Room

Turns over plant status to on-coming shift
with Unusual Event classification in place.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

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MESSAGE NO.

4

TIME:

REAL 0645

☐ AM☐ PM

DRILL 0115

CONTROLLER LOCATION

Control Room

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Control Room Staff

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

"B" RHR pump room sump pump excessive run time alarm annunciated.
H13-P601, ANN. A2 (3-2)

REFERENCE GENERAL DATA SHEETS

N/A

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

8 of

RELATES TO MESSAGE NO.

4

TIME:

REAL 0645

☐ AM☐ PM

DRILL 0115

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager/PED

Control Room

Dispatches an EO to investigate.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

9 OF

MESSAGE NO.

5

TIME:

REAL 0655

☐ AM☐ PM

DRILL 0125

CONTROLLER LOCATION

With EO in Reactor Building

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR EO in Reactor Building

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

You see a large amount of water flowing from the B RHR pump's seal area.

REFERENCE GENERAL DATA SHEETS

36

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- o No contamination.
- o Have all EO's go to OSC to simulate rounds.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

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RELATES TO MESSAGE NO.

5

TIME:

REAL 0655

☐ AM☐ PM

DRILL 0125

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

EO

Shift Manager/PED

Reactor Building

Reports to SM/PED.

- o Isolates "B" RHR pump.
- o Directs repair of leaking/RHR pump seal.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

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MESSAGE NO.

6

TIME:

REAL 0700

☐ AM☐ PM

DRILL 0130

CONTROLLER LOCATION

CONTROL ROOM

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Control Room Staff

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

LPRM's 32-25(B), 40-33(B), 32-33(B), 24-17(B), 24-41(B) and 16-25(B) have failed downscale.

REFERENCE GENERAL DATA SHEETS

17 See message sheet

FOR CONTROLLER USE ONLY

NOTES:

- o All failures are at Level B and in the center region of the core. 32-25(D), 40-33(F), 32-33(E), 24-17(F), 24-41(A) and 16-25(B); (APRM), (LPRM)
- o At this point main steam line radiation reading on the GDS should be slowly increasing.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

SPILL NO.

1985 EMERGENCY EXERCISE

PAGE

12 of ____

RELATES TO MESSAGE NO.

6

TIME:

REAL 0700

☐ AM☐ PM

DRILL 0130

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager/PED

Control Room

Directs:

- o Determination if APRM is inoperable due to LPRM failures.
- o Possible request for reactor chemistry coolant samples and analysis for pH and conductivity.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO. 1985 EMERGENCY EXERCISE		PAGE 13 OF	
AGE NO. 7	TIME: REAL 0715	<input type="checkbox"/> AM <input type="checkbox"/> PM	DRILL 0145 HOURS
CONTROLLER LOCATION CONTROL ROOM			
CONTROLLER NAME		ORGANIZATION	

MESSAGE FOR Control Room Staff

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

LPRM's 24-49(B), 16-57(A), 56-17(B), 32-09(D), 24-17(A), 24-57(D) and 56-17(C) have failed.

REFERENCE GENERAL DATA SHEETS N/A

FOR CONTROLLER USE ONLY

NOTES:

- 24-49(B), 16-57(A), 56-17(B), 32-09(D), 24-17(A), 24-57(D) and 56-17(C)
- o APRM Channel F is now inoperable.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

14 of _____

RELATES TO MESSAGE NO.

7

TIME:

REAL 0715

☐ AM☐ PM

DRILL 0145

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager/PED

Control Room

Declares APRM Channel F inoperable per TS 3.3.1.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO. 1985 EMERGENCY EXERCISE		PAGE 15 OF	
MESSAGE NO. 8	TIME: REAL 0720	<input type="checkbox"/> AM <input type="checkbox"/> PM	DRILL 0150 HOURS
CONTROLLER LOCATION CONTROL ROOM			
CONTROLLER NAME		ORGANIZATION	

MESSAGE FOR Control Room Staff

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

The main steam line radiation monitor is annunciating and on a steady but moderate increase.

REFERENCE GENERAL DATA SHEETS 29

FOR CONTROLLER USE ONLY

- o No immediate concern for trip at 3 x N.
- o If inquiry is made about chemistry samples, indicate that the lab is working on them.
- o A reduction of power has no effect on main steam radiation level.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

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RELATES TO MESSAGE NO.

8

TIME:

REAL 0720

☐ AM☐ PM

DRILL 0150

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager/PED

Control Room

Directs that power be reduced by flow to
reduce radiation levels or determine
affect.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

17 OF

MESSAGE NO.

9

TIME:

REAL 0730

☐ AM☐ PM

DRILL 0200

CONTROLLER LOCATION

CONTROL ROOM

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Control Room Staff

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

The main steam line radiation level appears to be leveling off at 2 x N.

REFERENCE GENERAL DATA SHEETS

29 See message 17 for data.

FOR CONTROLLER USE ONLY

- o Have the control room repeat the exercise message.
- o The leveling off occurs regardless of power reduction.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

18 of _____

RELATES TO MESSAGE NO.

9

TIME:

REAL 0730

☐ AM☐ PM

DRILL 0200

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager/PED

Control Room

If not already requested, request a chemistry sample including I131 and Cs137.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

19 OF

MESSAGE NO.

10

TIME:

REAL 0745

☐ AM☐ PM

DRILL 0215

HOURS

CONTROLLER LOCATION

CONTROL ROOM

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Reactor Operator

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

Rod 30-27 is drifting out.

REFERENCE GENERAL DATA SHEETS N/A

FOR CONTROLLER USE ONLY

- o Rod 30-27 is a power rod with a current required position of 20.
- o The rod will not stay at desired position, but once driven in full, it stays at 00.
- o The rationale for this is to provide a situation leading upto the collet finger failure portion of the scenario.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

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of

RELATES TO MESSAGE NO.

10

TIME:

REAL 0745

☐ AM☐ PM

DRILL 0215

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Reactor Operator/
Shift Manager

Control Room

- o Rod should be selected and attempt made to return to required position of 20.
- o With the rod not staying at position 20, it should be driven to 00 (full in).

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

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OF

MESSAGE NO.

11

TIME:

REAL 0750

☐ AM☐ PM

DRILL 0220

CONTROLLER LOCATION

CAS

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Control Room Staff

MESSAGE FROM CAS Operator Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

Our patrol has observe that The Meteorological tower has just been struck by lightning.

REFERENCE GENERAL DATA SHEETS

71

FOR CONTROLLER USE ONLY

Damage excessive cannot be fixed for two days.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

22 of

RELATES TO MESSAGE NO.

11

TIME:

REAL 0750

☐ AM☐ PM

DRILL 0220

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager/PED

Control Room

- o Verifies meteorological readouts are OOS.
- o Dispatches EO to survey/correct problem.
- o Establishes and alternate source of meteorological data.
- o Follows repair activities.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

23 OF

MESSAGE NO.

12

TIME:

REAL 0751

☐ AM☐ PM

DRILL 0221

HOURS

CONTROLLER LOCATION

CAS/with Patrol #3

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Patrol 3 Security Officer

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

While on patrol of the perimeter fenceline around the spray pond you observe the following:

"Spray Ponds IA and IB are beginning to overflow. Water is coming over the north wall of spray pond IA and is flowing toward the warehouse area. Water is coming over the east wall of spray pond IB and is flowing outside of the south perimeter fence toward the access road between sites 1 and 2".

REFERENCE GENERAL DATA SHEETS

N/A

FOR CONTROLLER USE ONLY

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

24 of _____

RELATES TO MESSAGE NO.

12

TIME:

REAL 0751

☐ AM☐ PM

DRILL 0221

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Patrol 3, Security
OfficerSpray Pond
Area

- o Contact CAS and reports observations.
- o Stands by and monitors situation.
- o Requests backup (if necessary).

CAS Operator

CAS

- o Notifies Security Supervisor.
- o Notifies Shift Manager/PED.

Security Supervisor

CAS

Directs CAS operator to deploy roadblocks

CAS Operator

CAS

Deploys roadblocks

Shift Manager/PED

Dispatches E0 to correct problem.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

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OF

MESSAGE NO.

13

TIME:

REAL 0755

☐ AM☐ PM

DRILL 0225

CONTROLLER LOCATION

OSC

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Control Room

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

You have noticed that condensate filter demineralizer "1D" delta pressure indicator reading is 0 psid. Its previous reading was 25 psid at 0645 and it was scheduled for backwashing.

REFERENCE GENERAL DATA SHEETS

N/A

FOR CONTROLLER USE ONLY

- o This event assumes a total septum failure on F/D "1D", a failure, of resin trap "1D" and no delta P alarm from DPSI 202D prior to the resin trap failure. When questioned about the improbability of this event - indicate that "it just happened".
- o Every effort should be made by the controllers to keep plant on-line until message 14 is given.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

26 of

RELATES TO MESSAGE NO.

13

TIME:

REAL 0755

☐ AM☐ PM

DRILL 0225

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Radwaste Control
Room Staff

RW Cont. Room

Reports condition to Shift Manager/PED.

Shift Manager/PED

Control Room

- o Contacts Chemistry Staff
- o Reports situation to plant management.
- o Establishes a course of remedial action.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO. 1985 EMERGENCY EXERCISE		PAGE 27 OF	
MESSAGE NO. 14	TIME: REAL 0815	<input type="checkbox"/> AM <input type="checkbox"/> PM	DRILL 0245 HOURS
CONTROLLER LOCATION Control Room			
CONTROLLER NAME		ORGANIZATION	

MESSAGE FOR Control Room Staff

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

- o The reactor has just scrammed on main steam high radiation level.
- o MS-V-22A and 28A have failed to close.
- o The RPIS indicates that number of control rods are not fully inserted.
- o The RCIC and HPCS have auto started and are controlling level at +55".
- o The turbine has been manually tripped.
- o The APRM's indicate 1-2% power.
- o MS-SRV-1B has failed full open.

REFERENCE GENERAL DATA SHEETS 1-5 & 29

FOR CONTROLLER USE ONLY

Attempts to insert rods will be successful by 0915.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

28 of

RELATES TO MESSAGE NO.

14

TIME:

REAL 0815

☐ AM☐ PM

DRILL 0245

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager/PED

Control Room

- o Attempts to insert all rods.
- o Attempts to isolate the main steam line remotely.
- o Declares an "ALERT" classification due to RCPB isolation failure.
- o Initiates notification process. (Notification includes ECCS/RPS activation)

Other Emergency
Center Managers

Various

Initiate notifications and required center activations.

TSC Director/
Radiation Protection
Manager

TSC

- o When in place, start to take the lead on the plant chemistry problems.
- o Make an assessment of the effect of stuck open "SRV" on plant cooldown rate.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO. 1985 EMERGENCY EXERCISE		PAGE 29 OF	
MESSAGE NO. 15	TIME: REAL 0825	<input type="checkbox"/> AM <input type="checkbox"/> PM	DRILL 0255 HOURS

CONTROLLER LOCATION CAS/With Patrol #3

CONTROLLER NAME	ORGANIZATION
-----------------	--------------

MESSAGE FOR Patrol #3 Security Officer

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

While observing the water overflow you notice that the ground under the perimeter fenceline is beginning to erode along microwave zones 26, 27, 29, 30 and 31 and is leaving large holes.

REFERENCE GENERAL DATA SHEETS N/A

FOR CONTROLLER USE ONLY

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

30 of _____

RELATES TO MESSAGE NO.

15

TIME:

REAL 0825

☐ AM☐ PM

DRILL 0255

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Patrol 3
Security Officer

Spray Pond

- o Contacts CAS and reports erosion.
- o Stands by as a compensatory measure.
- o Requests additional support (as required).

CAS/OPERATOR

CAS

- o Notifies supervisor.
- o Notifies Plant Emergency Director.
- o Posts compensatory measures (if needed).

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

31 OF

MESSAGE NO.

16

TIME:

REAL 0830

☐ AM☐ PM

DRILL 0300

HOURS

CONTROLLER LOCATION

CAS/With Patrol #3

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Patrol #3

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

While conducting your visual observations of the perimeter fenceline you notice that the water has also eroded a large hole under the railroad tracks at the southeast corner of Spray Pond IA.

REFERENCE GENERAL DATA SHEETS

N/A

FOR CONTROLLER USE ONLY

Control Cell Controller: Be prepared to receive notification as DOE.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

32 of _____

RELATES TO MESSAGE NO.

16

TIME:

REAL 0830

☐ AM☐ PM

DRILL

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Security Officer
Patrol 3

Spray Pond Area

Contacts CAS and reports the observation.

CAS/OPERATOR

CAS

o Notifies Security Supervisor.

o Notifies Plant Emergency Director.

Security Supervisor

CAS

o Declares SECON "YELLOW".

Plant Emergency
Director

TSC

o Notifies DOE.

o Notifies RM/EOF staff, if available.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO. 1985 EMERGENCY EXERCISE PAGE 33 OF

MESSAGE NO. 17 TIME: REAL 0830 ☐ AM ☐ PM | DRILL 0300

CONTROLLER LOCATION OSC/Chemistry Laboratory

CONTROLLER NAME ORGANIZATION

MESSAGE FOR Chemistry Laboratory Staff

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

The results of the reactor coolant sample is as follows:

pH - 4.0
Conductivity - 7,000 umho
Chlorides - 400 ppm
I-131 - 0.6 uCi/cc
Cs-137 - 0.03 uCi/cc
Time Taken: 0730

REFERENCE GENERAL DATA SHEETS 53-60

FOR CONTROLLER USE ONLY

Control Room - Repeat exercise announcement.
I-131 and Cs-137 levels correspond to 10% cladding damage.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

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RELATES TO MESSAGE NO.

17

TIME:

REAL 0800

☐ AM☐ PM

DRILL 0300

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

STA/TSC Director/
RPM

CR/TSC/TSC

- o Should deduce a resin intrusion into the reactor vessel has occurred.
- o Should request a air space sample in the suppression pool.
- o Make an assessment of core damage based upon chemistry results.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

35 OF

MESSAGE NO.

18

TIME:

REAL 0835

☐ AM☐ PM

DRILL 0305

CONTROLLER LOCATION

OSC/with EO at Spray Pond

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Equipment OperatorMESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

TMU-LCV-1A has failed open due to a broken air line. You have closed both TMU-V-10A and 10B. The spray pond overflowing condition has stopped. Extensive damage has occurred to the security fence, the lower parking lot and the railroad tracks.

REFERENCE GENERAL DATA SHEETS

N/A

FOR CONTROLLER USE ONLY

Notify Security Officer on scene of leak mitigation.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

36 of ____

RELATES TO MESSAGE NO.

18

TIME:

REAL 0835

☐ AM☐ PM

DRILL 0245

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Equipment Operator

Spray Pond

Contacts the Operations Support Center for status update and requests guidance on further actions.

Security Officer

Notifies CAS of leak mitigation.

Shift Manager/CAS
Operator

Notifying PED of leak status.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

37 OF

MESSAGE NO.

19

TIME:

REAL 0845

☐ AM☐ PM

DRILL 0315

HOURS

CONTROLLER LOCATION

OSC

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR OSC Director

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

Please simulate a heart attack by taking the following actions:

- o Slump to the floor clutching your chest
- o Simulate irregular breathing and difficulty in talking, except in assuring the staff the situation is a simulation.
- o Complain of pain radiating down your left arm.

REFERENCE GENERAL DATA SHEETS

N/A

FOR CONTROLLER USE ONLY

- o Inform anyone who responds that his complexion is simulated sallow.
- o This is an emergency medical exercise which should be allowed to run its course until the ambulance clears the protected area. At that time the medical exercise will stop and the OSC Director will be released to his "normal" duties. Periodic hospital updates will be provided by the OSC Controller.
- o Phone notifications will not be made to HEHF or DOE.
- o Vital Signs: Sweating difficulty breathing, rapid weak pulse, pale complexion, pain into LT arm.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

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RELATES TO MESSAGE NO.

19

TIME:

REAL 0845

☐ AM☐ PM

DRILL 0315

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

OSC Staff/Alternate
OSC Director

OSC

- o Stabilize the victim.
 - o Respond with a First Aid Personnel
 - o Brief new OSC Director of exercise status.
 - o Respond with the ambulance.
 - o Make notifications to TSC/Control Room.
- Make notifications.

TSC Director/PED

TSC

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

39 OF

MESSAGE NO.

20

TIME:

REAL 0900

☐ AM☐ PM

DRILL 0330

CONTROLLER LOCATION

Control Room

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Control Room Staff/TSC

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

The following Turbine Building area radiation alarms are alarming:

TEA-RE 13 alarms

ARM 14

REFERENCE GENERAL DATA SHEETS

6 and 17 25 and 26

FOR CONTROLLER USE ONLY

One Turbine Building fan ON. Do not let control operators turn it off. This is for the duration of the exercise.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

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of

RELATES TO MESSAGE NO.

20

TIME:

REAL 0900

☐ AM☐ PM

DRILL 0330

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager

Control Room

Notifies TSC of ARM indications.

TSC Director/
PED

TSC

Directs OSC to perform survey of Turbine
Building

OSC Director

OSC

Dispatches Survey Team

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

41 OF

MESSAGE NO.

21

TIME:

REAL 0915

☐ AM☐ PM

DRILL 0345

CONTROLLER LOCATION

Control Room

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Control Room Staff

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

Your attempt to insert control rods has resulted in the reactor achieving a subcritical status and reactor pressure is approximately 100 PSIG.

ARM 11 and 15 alarming.

REFERENCE GENERAL DATA SHEETS

1-6, 15, 18

FOR CONTROLLER USE ONLY

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

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RELATES TO MESSAGE NO.

21

TIME:

REAL 0915

☐ AM☐ PM

DRILL 0345

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager

Control Room

- o Makes notifications.
 - o Continues to monitor plant rod and criticality status.
 - o Shutdown cooling mode initiated on RHR A.
 - o Acknowledge alarms.
- Makes other center notifications.

TSC Director/PED

TSC

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO. 1985 EMERGENCY EXERCISE		PAGE 45 OF 45	
MESSAGE NO. 22	TIME: REAL 0930	<input type="checkbox"/> AM <input type="checkbox"/> PM	DRILL 0400 HOURS
CONTROLLER LOCATION Control Room			
CONTROLLER NAME		ORGANIZATION	

MESSAGE FOR Control Room Staff

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

SW-RIS-604 has alarmed and its radiation readings are slowly increasing.

ARM 9, 12, 32 alarming.

REFERENCE GENERAL DATA SHEETS 6, 13, 16, 23, 61A

FOR CONTROLLER USE ONLY

- o GDS data should support the level decrease of the reactor.
- o Range fire out due to heavy rain.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

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of

RELATES TO MESSAGE NO.

22

TIME:

REAL 0930

☐ AM☐ PM

DRILL 0400

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager

Control Room

- o Notifies the TSC of alarm and radiation indication.
- o Considers changing to SW flow path to reduce spread of contamination by isolating spray headers.
- o Acknowledges alarms.

TSC Director/PED/
RPM

TSC

Directs evacuation of warehouse area or Exclusion Area.

RPM/REM

TSC/MUDAC

Initiates offsite monitoring.

CAS Operator

CAS

- o Dispatches Security Officer to downtown warehouse area.
- o Initiates roadblock.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.		1985 EMERGENCY EXERCISE		PAGE 45 of	
MESSAGE NO.		TIME:		<input type="checkbox"/> AM	
23		REAL 0945		<input type="checkbox"/> PM DRILL 0415	
CONTROLLER LOCATION					
OSC/Turbine Building					
CONTROLLER NAME			ORGANIZATION		

MESSAGE FOR TGB Reentry Team LeaderMESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

You have indication of the presence of airborne activity in the Turbine Building.
ARM 23 and 33 alarming.

REFERENCE GENERAL DATA SHEETS 6, 21, 24, 26-28, 60A

FOR CONTROLLER USE ONLY

22A and 28A will not close before 1230.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

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RELATES TO MESSAGE NO.

23

TIME:

REAL 0945

☐ AM☐ PM

DRILL 0415

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager

Control Room

o Acknowledges alarm.

Turbine Building
Team Leader

TGB

o Reports data to OSC Director.

OSC Director

OSC

o Notifies PED and SM.

TSC Director/PED

TSC

o Notifies other emergency centers.

o Develops plans to close MS-V-22A and
28A, if not already in progress.o Requests airborne samples of Turbine
Building.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO. 1985 EMERGENCY EXERCISE		PAGE 47 OF	
MESSAGE NO. 24	TIME: AS OCCURS REAL (approx. 1005)	<input type="checkbox"/> AM <input type="checkbox"/> PM	DRILL 0435
CONTROLLER LOCATION CAS/With Patrol #3			
CONTROLLER NAME		ORGANIZATION	

MESSAGE FOR Survey TeamMESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

During the survey of the spray pond area you find that the Patrol 3 Security Officer (and any other Security Officers in the area) have been contaminated.

REFERENCE GENERAL DATA SHEETS 61-61C

FOR CONTROLLER USE ONLY

Default from CAS Controller to CAS approximately 1005.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

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RELATES TO MESSAGE NO.

24

TIME:

REAL 1005

☐ AM☐ PM

DRILL 0435

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Survey Team

Spray Pond Area

Recommends evacuation of spray pond area.

Patrol 3

Spray Pond Area

- o Contacts CAS Operator and tell him he is contaminated.

- o Follow directions of survey team once relieved from his post.

CAS/Operator

CAS

- o Notifies Security Supervisor.

- o Notifies PED.

- o Reestablishes compensatory measures in a radiological safe area based on recommendations from Health Physics personnel.

TSC Dir/RPM

TSC

- o Advises CAS Operator of new compensatory location for guards.

OSC Director

OSC

- o Directs handling of contaminated personnel.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

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MESSAGE NO.

25

TIME:

REAL 1015

☐ AM☐ PM

DRILL 0445

CONTROLLER LOCATION

Control Room

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Control Room Staff

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

- o The RPIS indicates that rods are drifting out.
- o The APRM power level indicates 15%.
- o The reactor is repressurizing.
- o The RHR system has isolated on increasing reactor pressure.

REFERENCE GENERAL DATA SHEETS 1-5

FOR CONTROLLER USE ONLY

- o The reactor has achieved critically due to gross failure of CRDM collet fingers.
- o At 1030 have the Control Room repeat the exercise announcement.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

50 of _____

RELATES TO MESSAGE NO.

25

TIME:

REAL 1015

☐ AM☐ PM

DRILL 0445

HOURS

RESPONDING PERSON	LOCATION	FOLLOWING ACTIONS SHOULD OCCUR
Shift Manager	Control Room	Directs the injection of the standby liquid control system.
Reactor Operator	Control Room	Maintains Rx pressure at ≤ 1000 psig by systematic operation of the SRV's to uniformly distribute the heat load to the S/P.
PED	TSC	<ul style="list-style-type: none">o Declares a "Site Area Emergency". (Possibly go to General Emergency.)o Directs an RHR pump be put in suppression pool cooling.o Initiates notifications.o Directs offsite exclusion area monitoring.
Other Emergency Centers Managers	Various	Initiate notifications and the activation of other emergency centers.
REM	MUDAC	Dispatches field teams.
Country Emergency Chairman	County EOC	Makes EBS broadcast.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

51 OF

MESSAGE NO.

26

TIME:

REAL 1030-1100

☐ AM☐ PM

DRILL 0500-0530

HOURS

CONTROLLER LOCATION

Control Room

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Control Room Staff

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.1030

ARM 16, 17, 18 alarming

1100

ARM 9, 32, 33 stop alarming.

REFERENCE GENERAL DATA SHEETS 6, 13, 19, 20, 23, 24

FOR CONTROLLER USE ONLY

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

52 of _____

RELATES TO MESSAGE NO.

26

TIME:

REAL 1030-1100

☐ AM☐ PM

DRILL 0500-0530

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager

Control Room

o Acknowledges alarms starting and
stopping.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

53 OF

MESSAGE NO.

27

TIME:

REAL 1050

☐ AM☐ PM

DRILL 0530

CONTROLLER LOCATION

Control Room

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Control Room StaffMESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

TEA-RE-13A alarm.

REFERENCE GENERAL DATA SHEETS

25, 26, 27

FOR CONTROLLER USE ONLY

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

54 of _____

RELATES TO MESSAGE NO.

27

TIME:

REAL 1050

☐ AM☐ PM

DRILL 0520

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Control Room Staff

Control Room

o Attempt to mitigate the release.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

55 OF

MESSAGE NO.

28

TIME:

REAL 1115

☐ AM☐ PM

DRILL 0545

CONTROLLER LOCATION

Control Room

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Control Room StaffMESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

- o MS-SRV-1B has shut.
- o S/P level is increasing.

REFERENCE GENERAL DATA SHEETS

1-5

FOR CONTROLLER USE ONLY

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

56 of _____

RELATES TO MESSAGE NO.

28

TIME:

REAL 1115

☐ AM☐ PM

DRILL 0545

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager

Control Room

- o Continues to monitor progress of SLC injection.
- o Maintains Rx pressure by manual SRV operation.
- o Rejects S/P water as necessary to maintain level.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO. 1985 EMERGENCY EXERCISE		PAGE 57 OF	
MESSAGE NO. 29	TIME: REAL 1130	<input type="checkbox"/> AM <input type="checkbox"/> PM	DRILL 0600 HOURS
CONTROLLER LOCATION Control Room			
CONTROLLER NAME		ORGANIZATION	

MESSAGE FOR Control Room Staff

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

ARM 5 alarming.

REFERENCE GENERAL DATA SHEETS 6 & 9

FOR CONTROLLER USE ONLY

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

58 of ____

RELATES TO MESSAGE NO.

29

TIME:

REAL 1130

☐ AM☐ PM

DRILL 0600

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager

Control Room

o Acknowledges alarm.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

59 OF

MESSAGE NO.

30

TIME:

REAL 1140

☐ AM☐ PM

DRILL 0610

CONTROLLER LOCATION

Control Room

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Control Room StaffMESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

- o The reactor now has sufficient shutdown margin.
- o Reactor pressure is 900 psig.
- o ARM 9 alarming.

REFERENCE GENERAL DATA SHEETS

1-5, 6, 13, 32, and 52-60

FOR CONTROLLER USE ONLY

If plant does not invoke 10CFR50.54x, to exceed 100°/hr cooldown - controller default at 1150.

Core is severely degraded (30% clad failure). Cesium and Iodine data to support.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

60 of _____

RELATES TO MESSAGE NO.

30

TIME:

REAL 1140

☐ AM☐ PM

DRILL 0610

HOURS

RESPONDING PERSON	LOCATION	FOLLOWING ACTIONS SHOULD OCCUR
Shift Manager	Control Room	<ul style="list-style-type: none"> o Notifies TSC. o Places Control Room in a pressurization mode. o Attempts to depressurize to mitigate turbine building release.
Chemistry Staff	Laboratory	<ul style="list-style-type: none"> o Notifies CR/TSC of increase Cesium and Iodine activity.
TSC/TDC	Various	<ul style="list-style-type: none"> o Makes an assessment of core damage. o Determines core damage $> 20\%$. o Recommends to PED <u>GENERAL EMERGENCY</u>.
PED	TSC	<ul style="list-style-type: none"> o Declares a <u>GENERAL EMERGENCY</u>
Recovery Manager	SSDC	<ul style="list-style-type: none"> o Makes assessment of Protective Action Recommendations.
Dose Projection Coordinator	MUDAC	Notifies REM.
REM	SSDC	Notifies Recovery Manager and recommends protective action.
	MUDAC	Takes actions necessary to preclude contamination of Emergency Personnel. <ul style="list-style-type: none"> o Potassium Iodide (KI) o Sheltering
Recovery Manager	SSDC	Develops "PAR" in consultation with other centers.
Other Center	Various	Make notifications.
County Emergency Chairman	TBD	Makes EBS broadcast with protective action decision recommendations.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO. 1985 EMERGENCY EXERCISE PAGE 61 OF

AGE NO. 31 TIME: REAL 1200-1215 ☐ AM ☐ PM DRILL 0630-0645 HOURSCONTROLLER LOCATION
Control Room

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Control Room Staff

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.1200

ARM 4 alarms.

1215

ARM 24, 32 alarms.

REFERENCE GENERAL DATA SHEETS 6, 8, 22, 23

FOR CONTROLLER USE ONLY

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

62 of

RELATES TO MESSAGE NO.

31

TIME:

REAL 1200-1215

☐ AM☐ PM

DRILL 0630-0645

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager

Control Room

o Acknowledges.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

63 OF

MESSAGE NO.

32

TIME:

REAL 1230

☐ AM☐ PM

DRILL 0700

HOURS

CONTROLLER LOCATION

Control Room

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Control Room Staff

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

- o The reactor is depressurized.
- o The Turbine Building radiation monitors decreasing rapidly.
- o ARM 10 and 33 alarm.
- o ARM 16, 17, 18 stop alarming.

REFERENCE GENERAL DATA SHEETS

1-5, 6, 14, 19, 20, 24

FOR CONTROLLER USE ONLY

Have the Control Room repeat "EXERCISE ANNOUNCEMENT".

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

64 of _____

RELATES TO MESSAGE NO.

32

TIME:

REAL 1230

☐ AM☐ PM

DRILL 0700

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager

Control Room

o Notifies TSC.

o Acknowledges alarm.

PED/TSC Director

TSC

o Informs Recovery Manager.

Recovery Manager

SSDC

Makes Determination on reclassification
(his call - could cause not to)

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

65 OF

MESSAGE NO.

33

TIME:

REAL 1235

☐ AM☐ PM

DRILL 0705

HOURS

CONTROLLER LOCATION

OSC/Reactor Building

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR RHR Repair Team

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

The RHR pump seal has been repaired.

REFERENCE GENERAL DATA SHEETS

N/A

FOR CONTROLLER USE ONLY

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

56 of

RELATES TO MESSAGE NO.

33

TIME:

REAL 1235

☐ AM☐ PM

DRILL 0705

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Team Leader

Reactor Building

Notifies OSC Director.

OSC Director

OSC

Notifies TSC and Control Room.

Shift Manager

Control Room

Places RHR in shutdown cooling mode.

PED/TSC Director

TSC

Notifies other centers.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO. 1985 EMERGENCY EXERCISE		PAGE 67 OF	
MESSAGE NO. 34	TIME: REAL 1245	<input type="checkbox"/> AM <input type="checkbox"/> PM	DRILL 0715 HOURS
CONTROLLER LOCATION CAS			
CONTROLLER NAME		ORGANIZATION	

MESSAGE FOR CAS/Operator

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

With the operation of the spray pond (sprayers) camera's 4 and 5, 6 and 7 and 8 and 9 are continuously obscured by the spray.

REFERENCE GENERAL DATA SHEETS N/A

FOR CONTROLLER USE ONLY

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

68 of _____

RELATES TO MESSAGE NO.

34

TIME:

REAL 1245

☐ AM☐ PM

DRILL 0715

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

CAS Operator

CAS

- o Notifies Mobile 2 to post compensatory measures on each camera zone.
- o Notifies Security Supervisor.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO. 1985 EMERGENCY EXERCISE		PAGE 69 OF	
MESSAGE NO. 35	TIME: REAL 1300	<input type="checkbox"/> AM <input type="checkbox"/> PM	DRILL 0730 HOURS
CONTROLLER LOCATION Control Cell			
CONTROLLER NAME		ORGANIZATION	

MESSAGE FOR Recovery Manager

MESSAGE FROM Control Cell

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

A Controller simulating the Managing Director, I am meeting with the Governor in the Crisis Management Center in 30 minutes. Give me a briefing on the plans for the plant by 1320.

REFERENCE GENERAL DATA SHEETS N/A

FOR CONTROLLER USE ONLY

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

70 of _____

RELATES TO MESSAGE NO.

35

TIME:

REAL 1300

☐ AM☐ PM

DRILL 0730

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Recovery Manager

SSDC

Draws upon available resources to formulate preliminary plan. Should address mitigating current chemistry conditions and potential for reactor deboration or suppression pool boration to support diluting the core coolant.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO. 1985 EMERGENCY EXERCISE		PAGE 71 OF	
MESSAGE NO. 36	TIME: REAL 1300	<input type="checkbox"/> AM <input type="checkbox"/> PM	DRILL 0730 HOURS
CONTROLLER LOCATION Control Room			
CONTROLLER NAME		ORGANIZATION	

MESSAGE FOR Control Room Staff

MESSAGE FROM Controller

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

ARM 9, 11 stop alarming.

REFERENCE GENERAL DATA SHEETS 6, 13, 15

FOR CONTROLLER USE ONLY

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

72 of _____

RELATES TO MESSAGE NO.

36

TIME:

REAL 1300

☐ AM☐ PM

DRILL 0730

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Shift Manager

Control Room

o Acknowledge alarm stopped.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

BILL NO. 1985 EMERGENCY EXERCISE		PAGE 73 OF	
MESSAGE NO. 37	TIME: REAL 1330	<input type="checkbox"/> AM <input type="checkbox"/> PM	DRILL HOURS

CONTROLLER LOCATION

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR Recovery Manager

MESSAGE FROM Exercise Director

MESSAGE:

THIS IS AN EXERCISE. THIS IS AN EXERCISE.

All participants, with the exception of MUDAC and the field teams, may secure from the exercise.

REFERENCE GENERAL DATA SHEETS N/A

FOR CONTROLLER USE ONLY

First ascertain from lead controllers that the exercise objectives have been met.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

74

of

RELATES TO MESSAGE NO.

37

TIME:

REAL 1330

☐ AM☐ PM

DRILL 0800

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

Recovery Manager

SSDC

Orders termination

All Players

Various

o Secure centers

o Fill out after action reports.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

SCENARIO MESSAGES

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

75 OF

MESSAGE NO.

38

TIME:

REAL 1430

☐ AM☐ PM

DRILL0900

HOURS

CONTROLLER LOCATION

MUDAC

CONTROLLER NAME

ORGANIZATION

MESSAGE FOR MUDAC Coordinator

MESSAGE FROM Exercise Director

MESSAGE:

TERMINATE THE EXERCISE

REFERENCE GENERAL DATA SHEETS N/A

FOR CONTROLLER USE ONLY

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

ANTICIPATED RESPONSE

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

76 of

RELATES TO MESSAGE NO.

38

TIME:

REAL As Occurs

☐ AM☐ PM

DRILL 0900

HOURS

RESPONDING PERSON

LOCATION

FOLLOWING ACTIONS SHOULD OCCUR

MUDAC/Field Teams

Various

- o Secure center
- o Teams return
- o Fill out after action reports.

1985 EMERGENCY EXERCISE
GENERAL DATA SHEET INDEX

DATA SHEET
NUMBER

TITLE

1	Percent of Reactor Power
2	Reactor Pressure
3	Reactor Level Inches
4	Suppression Pool Level
5	Suppression Pool Average Temperature
6	Area Radiation Monitor (ARM) Alarm Times
7	Monitor Readings ARMs Remaining Constant
8	ARM-4 CRD Hydraulic Equip Area East
9	ARM-5 CRD Area West
10	ARM-6 Equipment Access
11	ARM-7 TIP Drive Area
12	ARM-8 SGTS Files Trains
13	ARM-9 RHR Pump Room-2
14	ARM-10 RHR Pump Room-1
15	ARM-11 RHR Pump Room-4
16	ARM-12 RCIC Pump Room-3
17	ARM-14 Turbine Front Standard
18	ARM-15 Turbine Entrance
19	ARM-16-17 RFW Pump Rooms
20	ARM-18 COND Pump Area
21	ARM-23 CRD Pump Room
22	ARM-24 Equipment Access Area
23	ARM-32 High Range RB Area
24	ARM-33 High Range RB Area
25	Process Radiation Monitor Alarm Times
26	TEA-RE-13
27	TEA-RE-13A
28	TRA-RE-1
29	MS-RE-3A, B, C, D
30	OG-RE-601 A&B
31	OG-RE-2
32	CMS-RE-27A, B, E, F

1985 EMERGENCY EXERCISE
GENERAL DATA SHEET INDEX

DATA SHEET
NUMBER

TITLE

33	In-Plant Dose Rates for Turbine Generator Building (441')
34	In-Plant Dose Rates for Turbine Generator Building (447')
35	In-Plant Dose Rates for Turbine Generator Building (501')
36	In-Plant Dose Rates for Reactor Building (422')
37	In-Plant Dose Rates for Reactor Building (441')
38	In-Plant Dose Rates for Reactor Building (471')
39	In-Plant Dose Rates for Reactor Building (501')
40	In-Plant Dose Rates for Reactor Building (522')
41	In-Plant Dose Rates for Reactor Building (548')
42	In-Plant Dose Rates for Reactor Building (572')
43	In-Plant Dose Rates for Reactor Building (606')
44	In-Plant Dose Rates for Service Building (420', 441', 456')
45	In-Plant Dose Rates for Diesel Generator Building (441') and TSC (441')
46	In Plant Dose Rates for Radwaste Building (437')
47	In Plant Dose Rates for Radwaste Building (452')
48	In Plant Dose Rates for Radwaste Building (467')
49	In Plant Dose Rates for Radwaste Building (487')
50	In Plant Dose Rates for Radwaste Building (501')
51	In Plant Dose Rates for Radwaste Building (525')
52	Isotopic Sample Results Vs. Times
53	Reactor Water Concentration (I 131)
54	Reactor Water Concentration (I 132)
55	Reactor Water Concentration (I 133)
56	Reactor Water Concentration (I-134)
57	Reactor Water Concentration (I-135)
58	Reactor Water Concentration (TC-101&SR-92)
59	Reactor Water Concentration (CS-134)
60	Reactor Water Concentration (CS-137)
61, A,B,C	Spray Pond Contamination

1985 EMERGENCY EXERCISE
GENERAL DATA SHEET INDEX

DATA SHEET
NUMBER

TITLE

62	General In Plant Release Information
63, A&B	DOE-RL Public Affairs Response
64, A-V	Public Affairs and Info/Media Response Team
65, A-X	Rumor Control Disaster Welfare Inquiries
66	Media Response Team
67, A-AM	County Emerg. Operation Center Response
68-69	Visual Observation of Meteorology at the River Pumphouse
70	Meteorology Tower
71	Backup Meteorology Tower
72	Backup Meteorology Tower Turbine Generator Building
73	Weather Forecast
74, A-W	Backup Meteorology Tower Turbine Generator Building
75	Field Team Readings
76	Request for Aerial Monitoring
77 A-K	Aerial Plume Monitoring



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO.
1985 EMERGENCY EXERCISE

PAGE
____ of ____

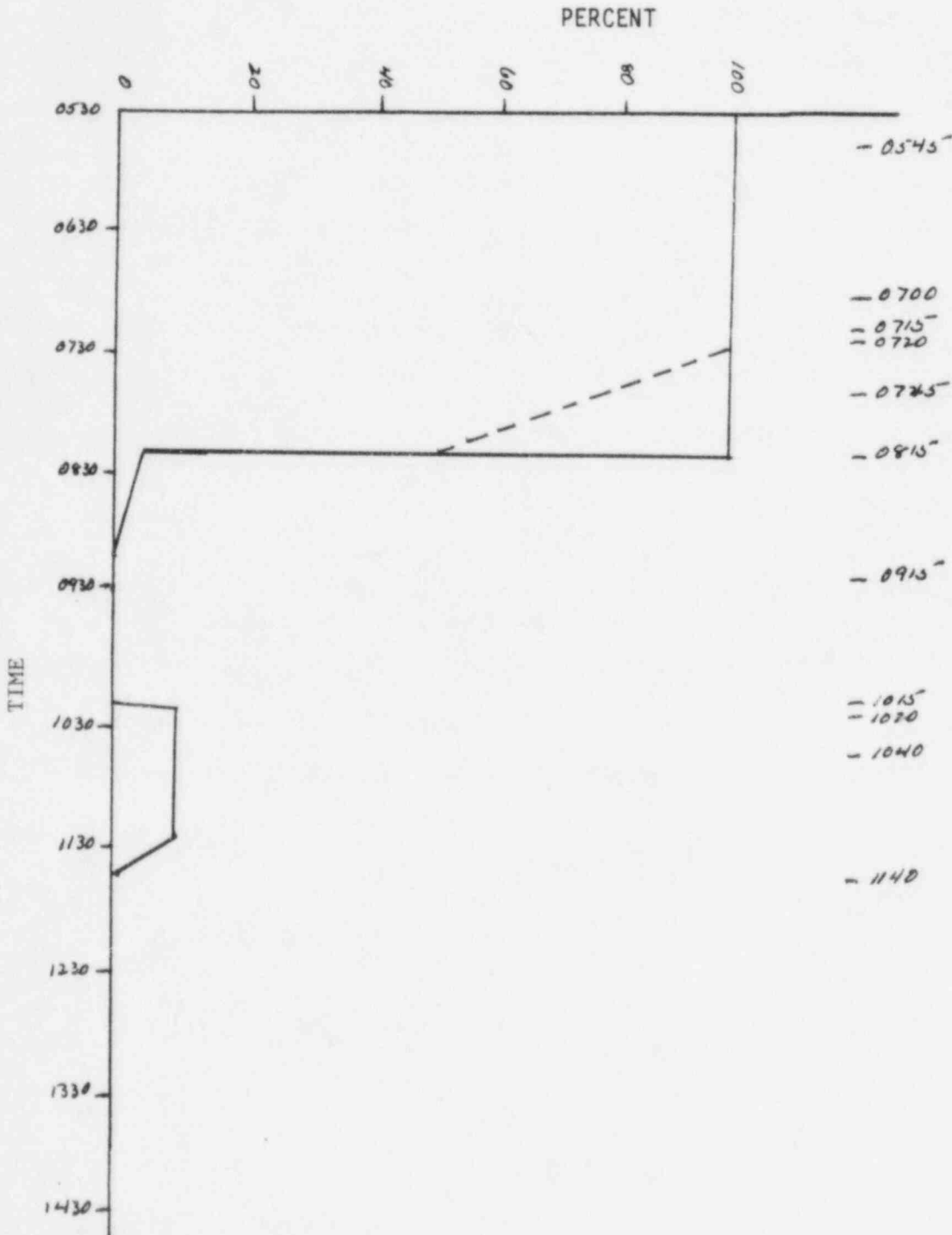
SHEET NO. 1 RESPONSIBLE CONTROLLER (LOCATION)
Control Room

VALID FOR TIMES OF: ☐ AM ☐ AM
REAL TIME 0530 TO 1430 ☐ PM ☐ PM
DRILL TIME 0 HOURS TO 9 HOURS

ASSOCIATED WITH MESSAGES
1, 14, 21, 25, 28, 30, 32

INFORMATION APPLIES TO

Reactor Power (Percent)



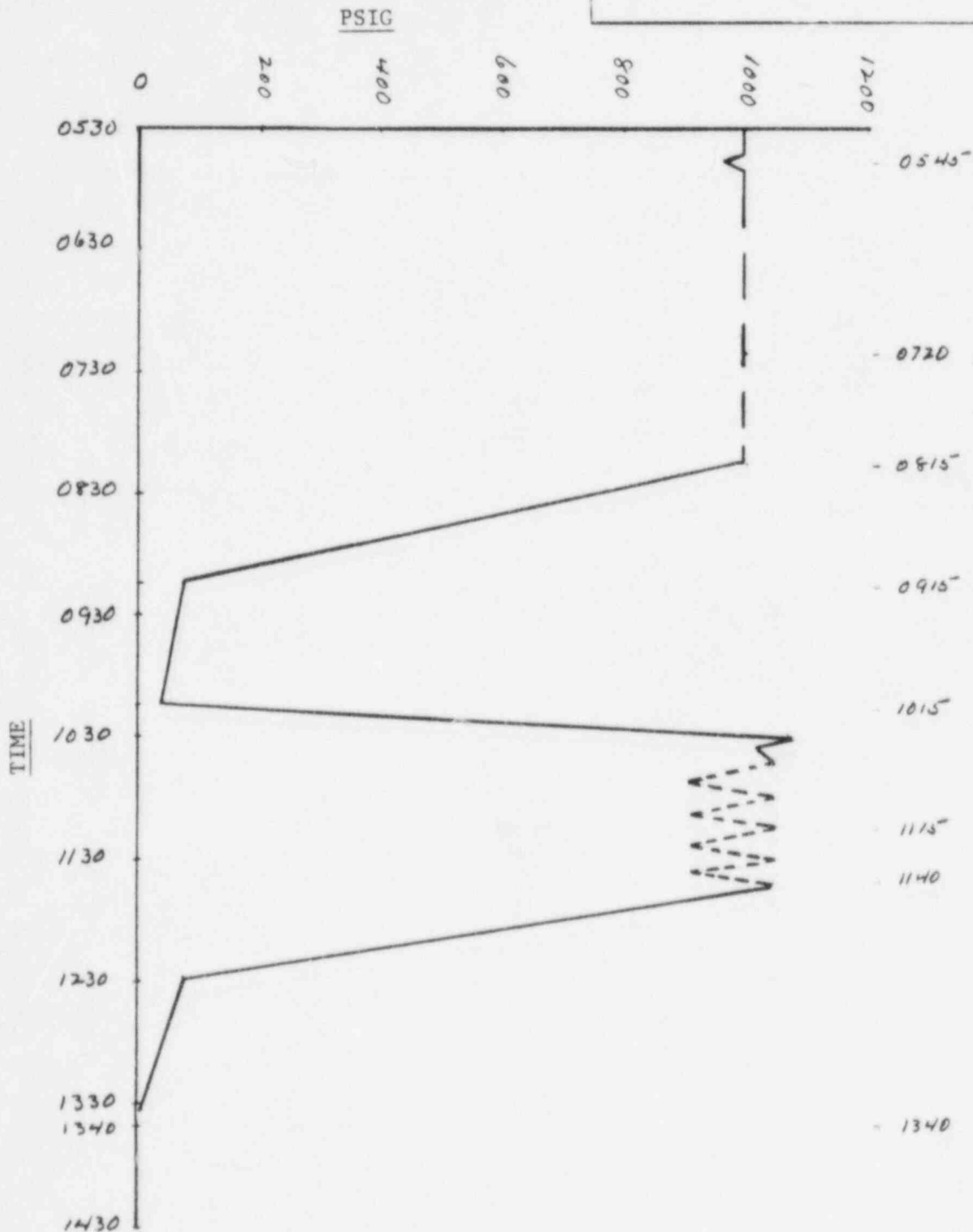


WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE _____ of _____	
SHEET NO. 2	RESPONSIBLE CONTROLLER (LOCATION) Control Room		
VALID FOR TIMES OF: REAL TIME 0530 <input type="checkbox"/> AM TO 1430 <input type="checkbox"/> AM <input type="checkbox"/> PM <input type="checkbox"/> PM		DRILL TIME 0 HOURS TO 9 HOURS	
ASSOCIATED WITH MESSAGES 1, 14, 21, 25, 28, 30, 32		INFORMATION APPLIES TO Reactor Pressure (PSIG)	





WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO.

1985 EMERGENCY EXERCISE

PAGE

of

SHEET NO.

3

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM

TO

1430

☐ AM

☐ PM

DRILL TIME

0

HOURS

TO

9

HOURS

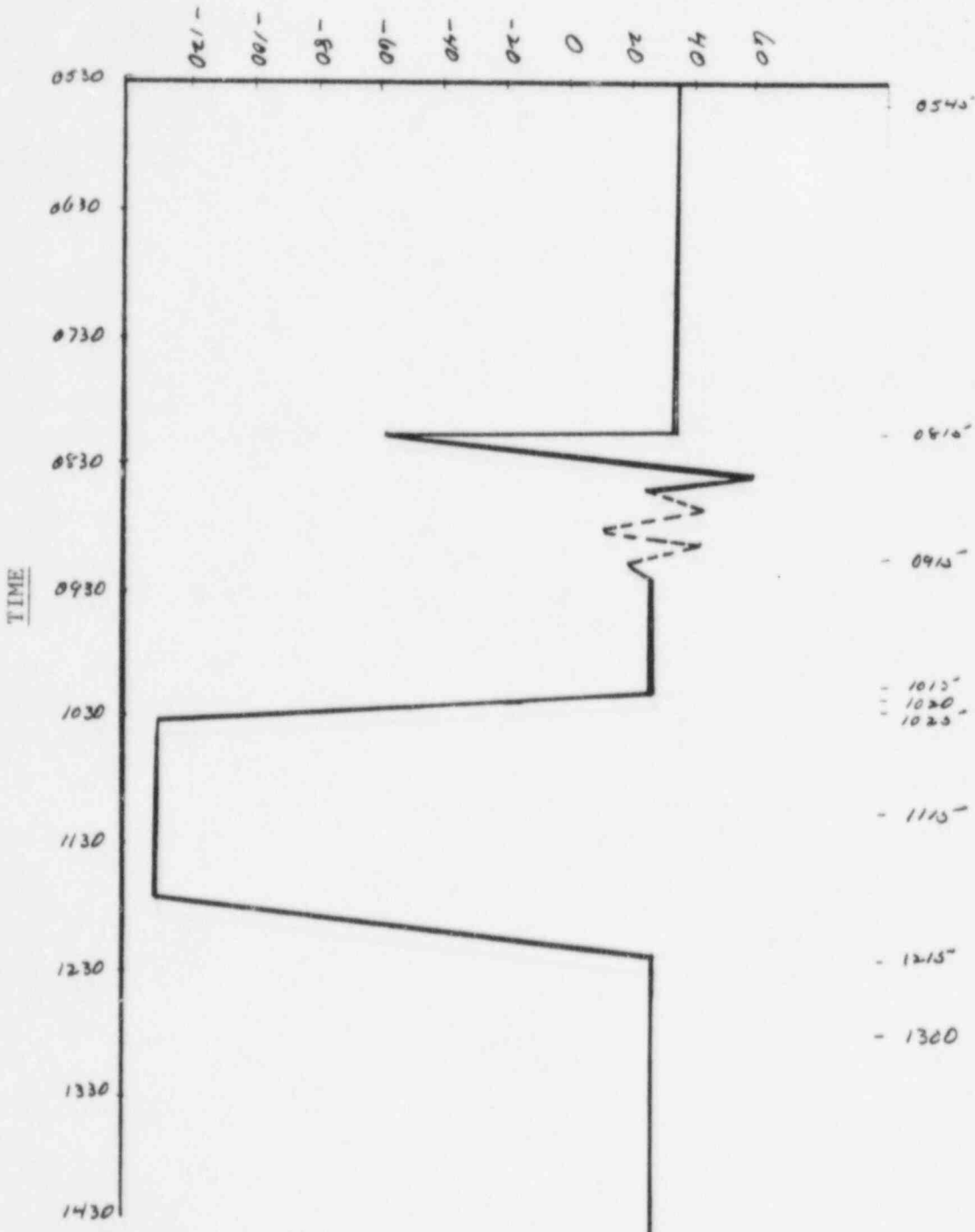
ASSOCIATED WITH MESSAGES

1, 14, 21, 25, 28, 30, 32

INFORMATION APPLIES TO

Reactor Level Inches

INCHES



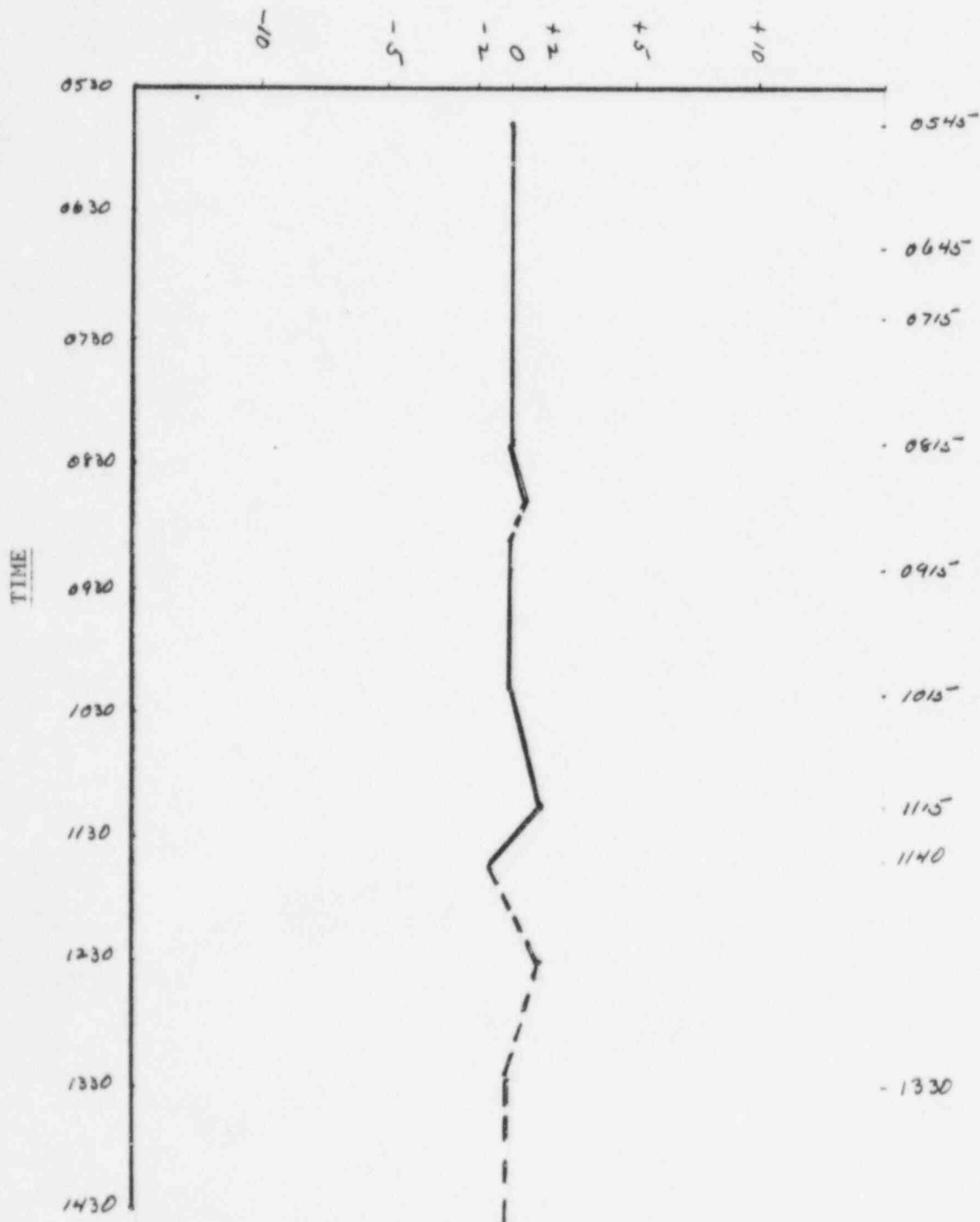


WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE ____ of ____	
SHEET NO. 4	RESPONSIBLE CONTROLLER (LOCATION) Control Room		
VALID FOR TIMES OF: REAL TIME 0530 <input type="checkbox"/> AM TO 1430 <input type="checkbox"/> AM <input type="checkbox"/> PM <input type="checkbox"/> PM		DRILL TIME 0 HOURS TO 9 HOURS	
ASSOCIATED WITH MESSAGES 1, 14, 21, 25, 28, 30, 32		INFORMATION APPLIES TO Suppression Pool Level	

INCHES





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE

PAGE

of

SHEET NO.

5

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM

TO

1430

☐ AM☐ PM

ORILL TIME

0

HOURS

TO

9

HOURS

ASSOCIATED WITH MESSAGES

1, 14, 21, 25, 28, 30, 32

INFORMATION APPLIES TO

Suppression Pool Average Temp. (°F)

TEMP.

TIME

0530

08

09

100

110

120

130

0545

0630

0645

0730

0715

0830

0815

0930

0910

1030

1015

1130

1115

1140

1230

1330

1340

1430

WASHINGTON PUBLIC POWER
SUPPLY SYSTEMCONTROLLER INFORMATION
GENERAL DATA SHEET

F.L. NO. 1985 EMERGENCY EXERCISE PAGE 1 of 1

SHEET NO. 6 RESPONSIBLE CONTROLLER (LOCATION) Control Room

VALID FOR TIMES OF: 0900 AM TO 1430 PM DRILL TIME 0330 HOURS TO 1430 HOURS

ASSOCIATED WITH MESSAGES 20, 21, 22, 23, 26, 28, 30, 31, 32, 36 INFORMATION APPLIES TO Area Radiation Monitors (ARM) Alarm Times

TIME	ARM	ALARM SOUNDS	QUITS
9:00	14	X	
9:15	11, 15	X	
9:30	9, 12, 32	X	
9:45	23, 33	X	
10:30	16, 17, 18	X	
11:00	9, 32, 33		X
11:30	5	X	
11:40	9	X	
12:00	4	X	
12:15	24, 32	X	
12:30	10, 33	X	
12:30	16, 17, 18		X
13:00	9, 11		X
13:45	4		X
14:15	14, 23		X
14:30	24		X

Steps are
dependent on
the routing
of that info

WASHINGTON PUBLIC POWER
SUPPLY SYSTEMCONTROLLER INFORMATION
GENERAL DATA SHEET

L NO.

1985 EMERGENCY EXERCISE

PAGE

____ of ____

SHEET NO.

7

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM

TO

☐ AM

PM

REAL TIME

0530

☐ PM

1430

☐ PM

DRILL TIME

0

HOURS

TO

9

HOURS

ASSOCIATED WITH MESSAGES

1

INFORMATION APPLIES TO

Monitor Readings ARMS Remaining Constant

The following ARM readings remain constant at the values given throughout the exercise:

ARM	Location	Level & Bldg	Reading (mR/hr)
1	Spent Fuel Pool & ERP Stack	606' RB	140.
2	Spent Fuel Pool & ERP Stack	606' RB	4.0
3	Spent Fuel Pool & ERP Stack	606' RB	160.
3A	Spent Fuel Pool & ERP Stack	606' RB	160.
13	HPCS Pump Room 6	422' EL RB	5.0
19	Main Control Room	501' RW	3.0
20	Valve Room East	467' RW	25.0
21	Valve Room West	467' RW	20.0
22	Sample Room	487' RW	3.0
25	Hot Machine Shop	487' RW	3.0
26	Contaminated Tool Room	467' RW	4.0
27	Near Waste Surge Tank	437' RW	7.0
28	Near Cond Phase Sep Tk	437' RW	50.0
29	Near Sludge Sep Tk	437' RW	65.0
30	RW Control Room	467' RW	3.0
34	ERP Stack	606' RB	4.0



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

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SHEET NO.

8

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM☐ PM

0600

TO

1430

☐ AM☐ PM

DRILL TIME

0030

HOURS

TO

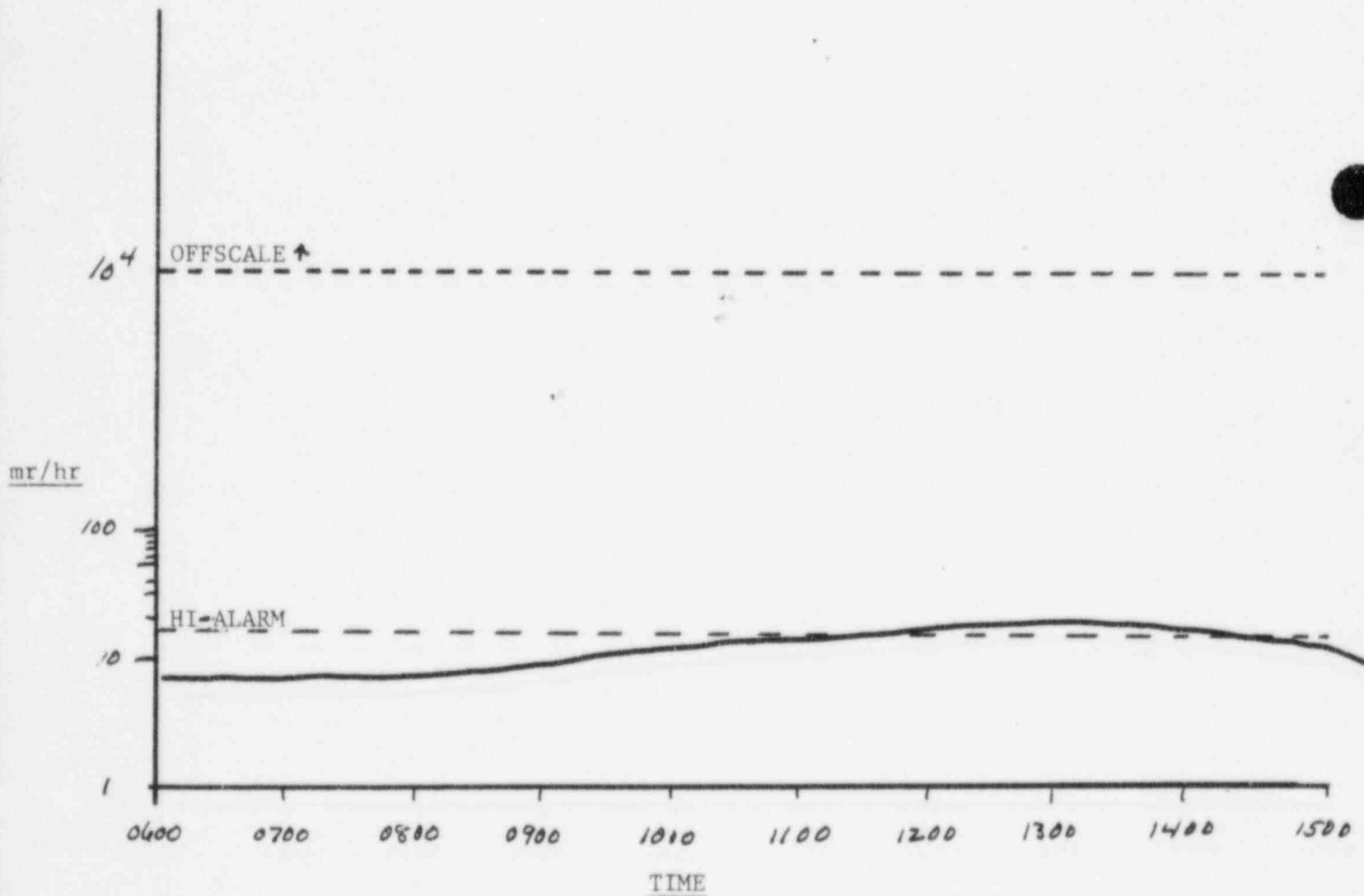
9

HOURS

ASSOCIATED WITH MESSAGES

31

INFORMATION APPLIES TO

CRD Hydraulic Equip Area East
ARM-4



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
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SHEET NO.

9

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM☐ PM☐ AM☐ PM

REAL TIME

0600

TO

1430

DRILL TIME

0030

HOURS TO

9

HOURS

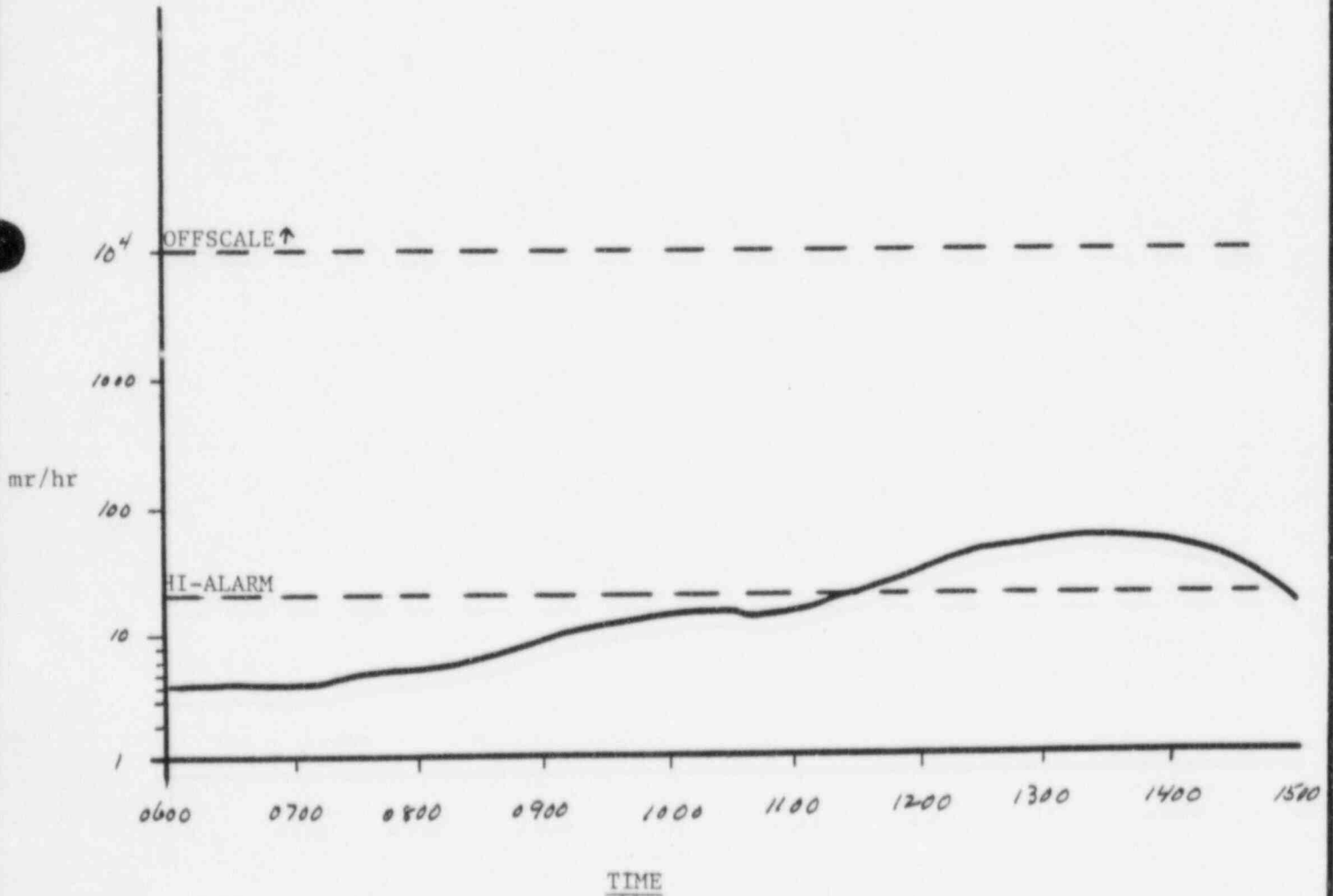
ASSOCIATED WITH MESSAGES

29

INFORMATION APPLIES TO

ARD Area West

ARM-5





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

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SHEET NO.

10

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM☐ PM

TO

1430

☐ AM☐ PM

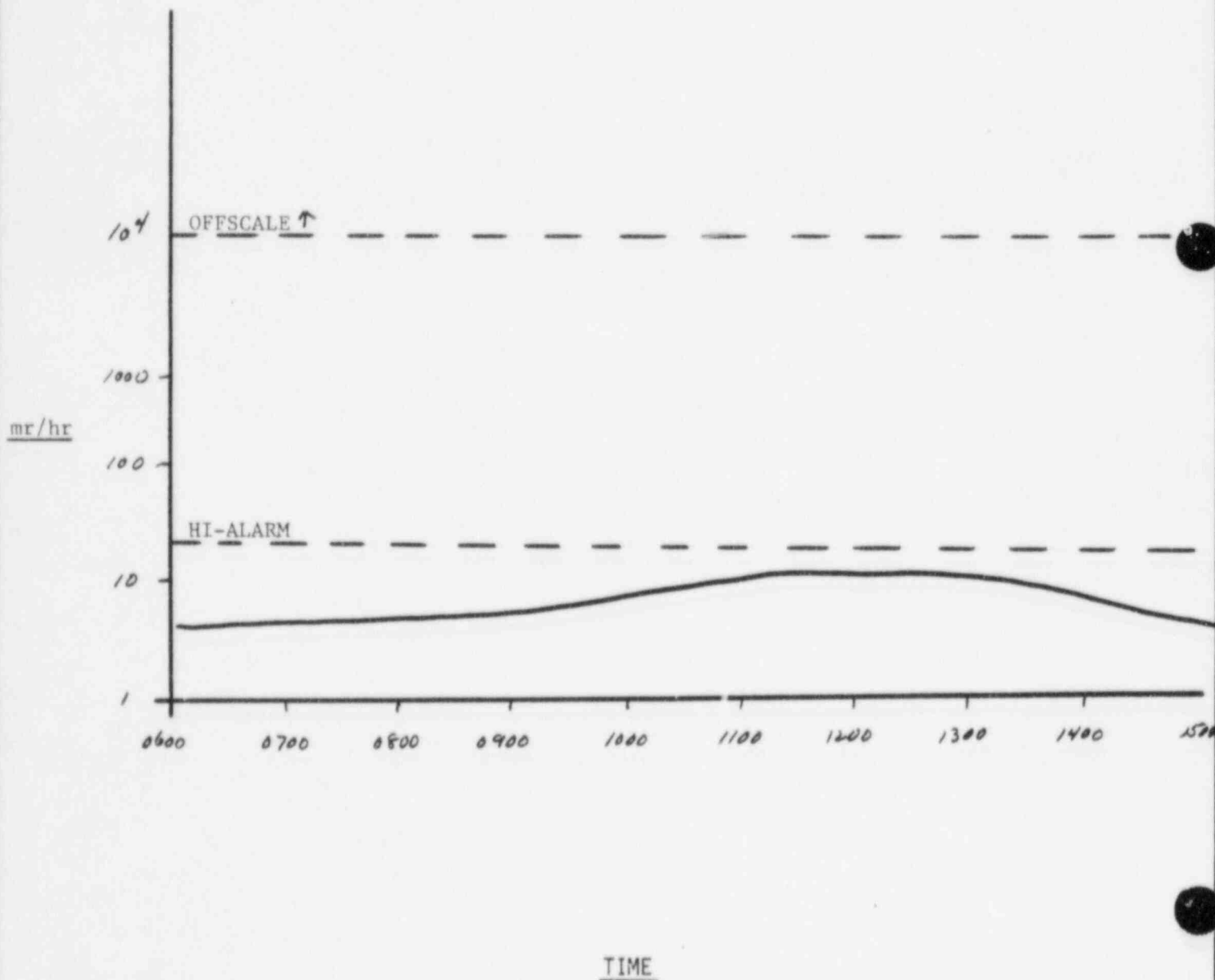
DRILL TIME 0030 HOURS TO

9

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Equipment Access
ARM-6

WASHINGTON FIELD POWER
SUPPLY SYSTEMCONTROLLER INFORMATION
GENERAL DATA SHEET

L NO.

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SHEET NO.

11

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM

TO

1430

☐ AM☐ PM

REAL TIME

0600

☐ PM

DRILL TIME

0030

HOURS

TO

9

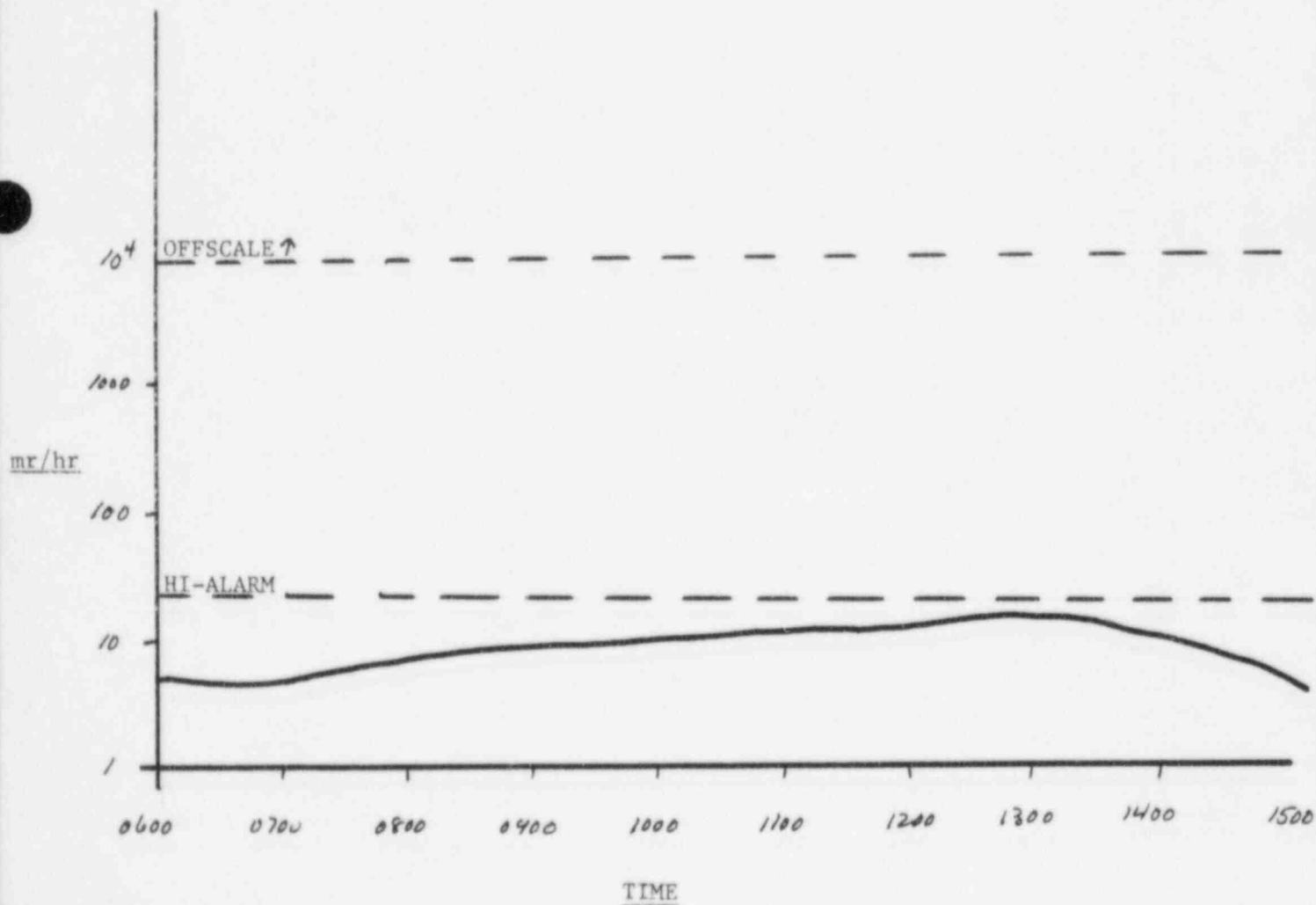
HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

TIP Drive Area

ARM-7





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

F L NO.

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SHEET NO.

12

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM

TO

☐ AM☐ PM

REAL TIME

0600

1430

DRILL TIME

0030

HOURS

TO

9

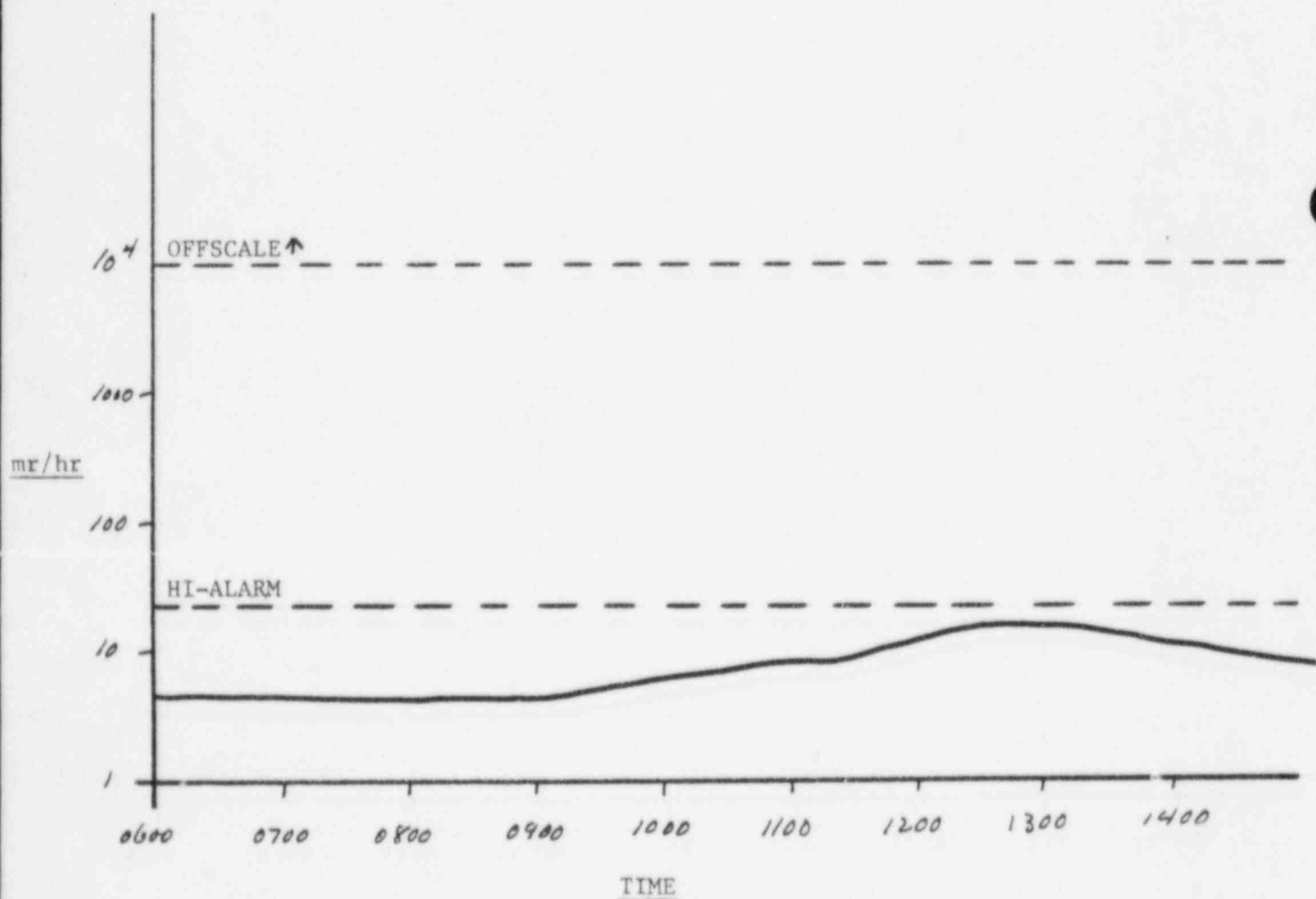
HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

SGTS Files Trains

ARM-8

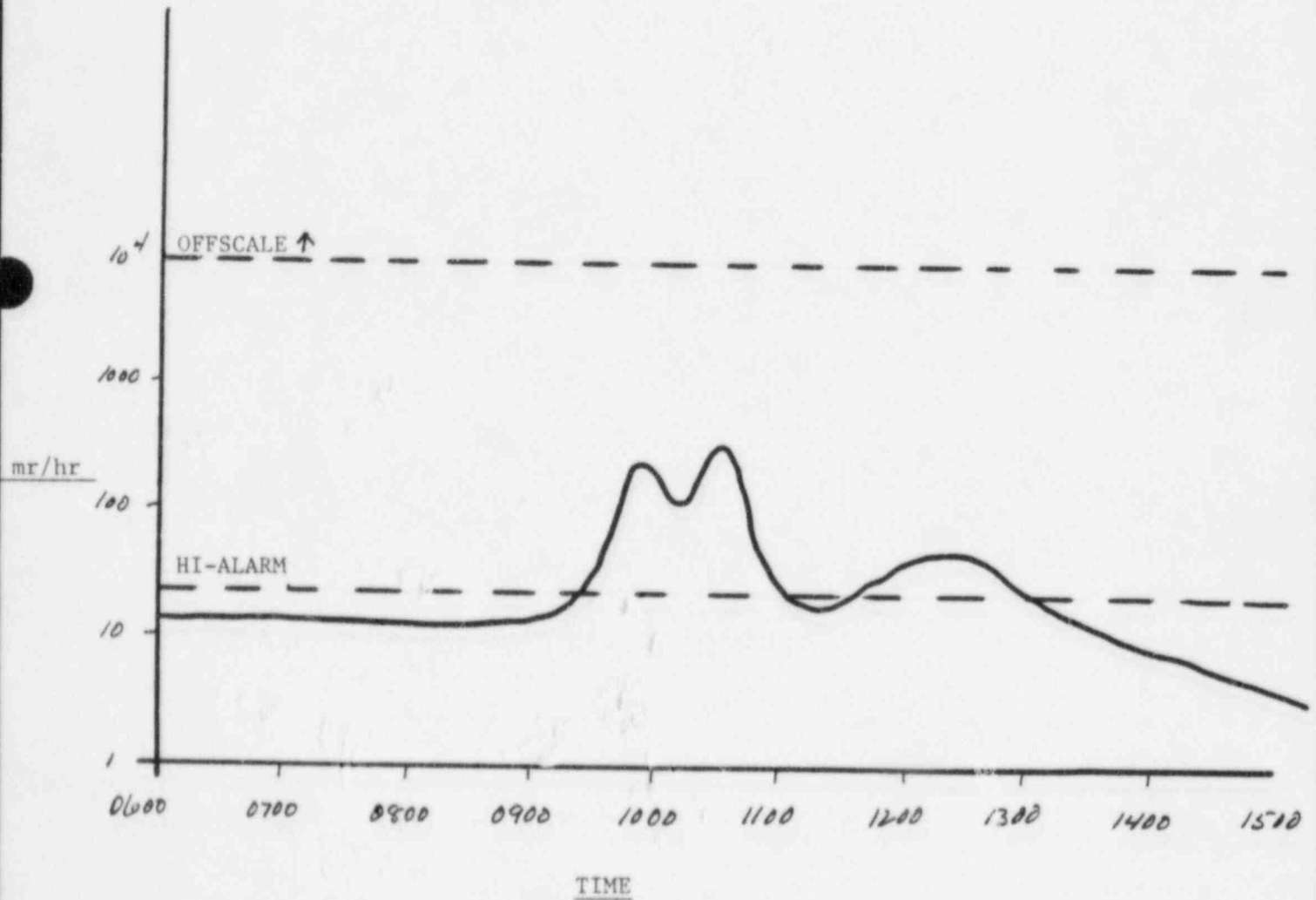




WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

ROLL NO. 1985 EMERGENCY EXERCISE		PAGE ____ of ____	
SHEET NO. 13	RESPONSIBLE CONTROLLER (LOCATION) Control Room		
VALID FOR TIMES OF: REAL TIME 0600 <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1430 <input type="checkbox"/> AM <input type="checkbox"/> PM		DRILL TIME 0030 HOURS TO 9 HOURS	
ASSOCIATED WITH MESSAGES 22, 26, 28, 30, 36		INFORMATION APPLIES TO RHR Pump room 2 ARM-9	





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

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of

SHEET NO.

14

RESPONSIBLE CONTROLLER (LOCATION)
Control Room

VALID FOR TIMES OF:

0600 ☐ AM TO

1430

☐ AM☐ PM

DRILL TIME

0030 HOURS TO

9

HOURS

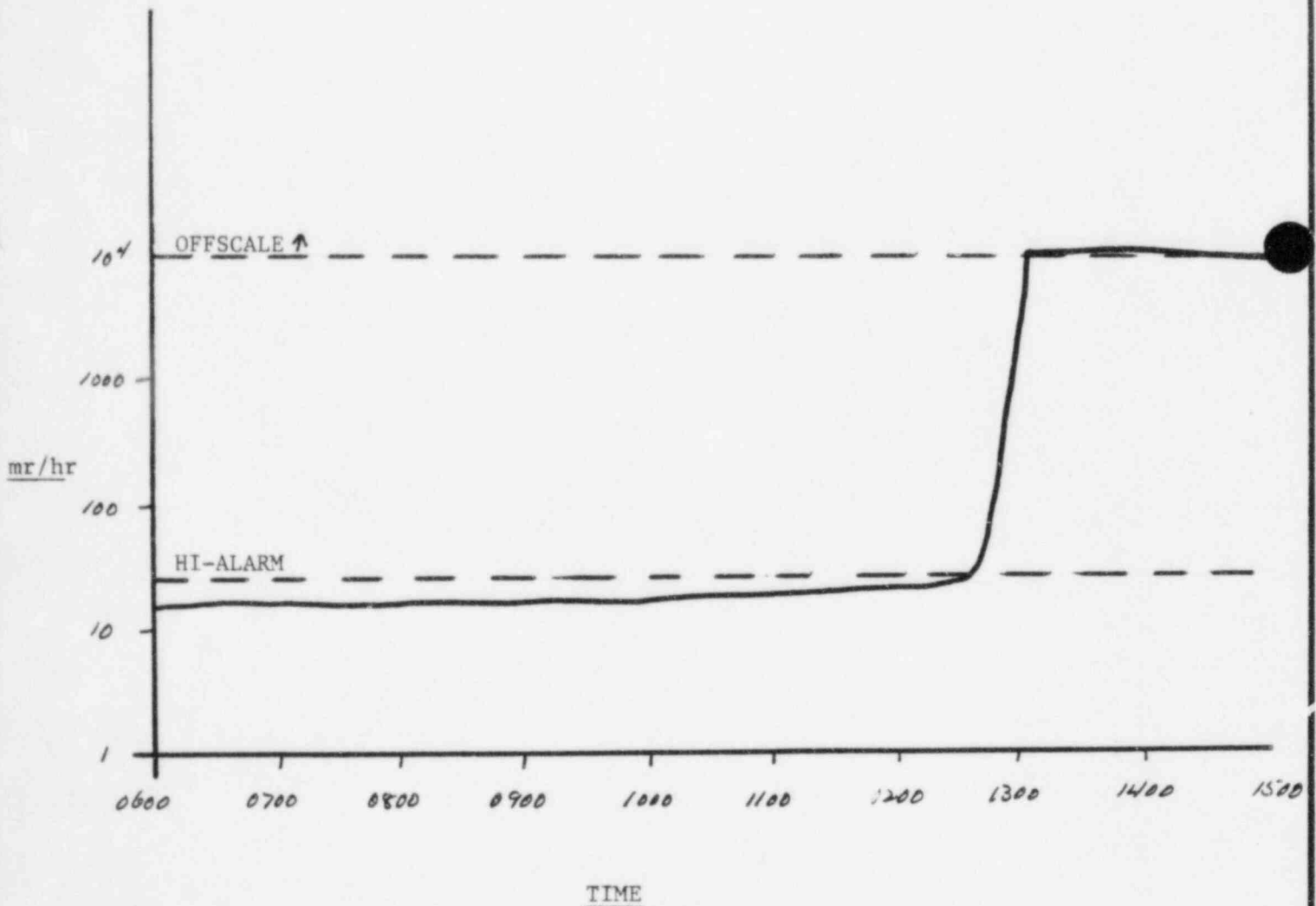
ASSOCIATED WITH MESSAGES

32

INFORMATION APPLIES TO

RHR Pump Room 1

ARM-10





WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO.
1985 EMERGENCY EXERCISE

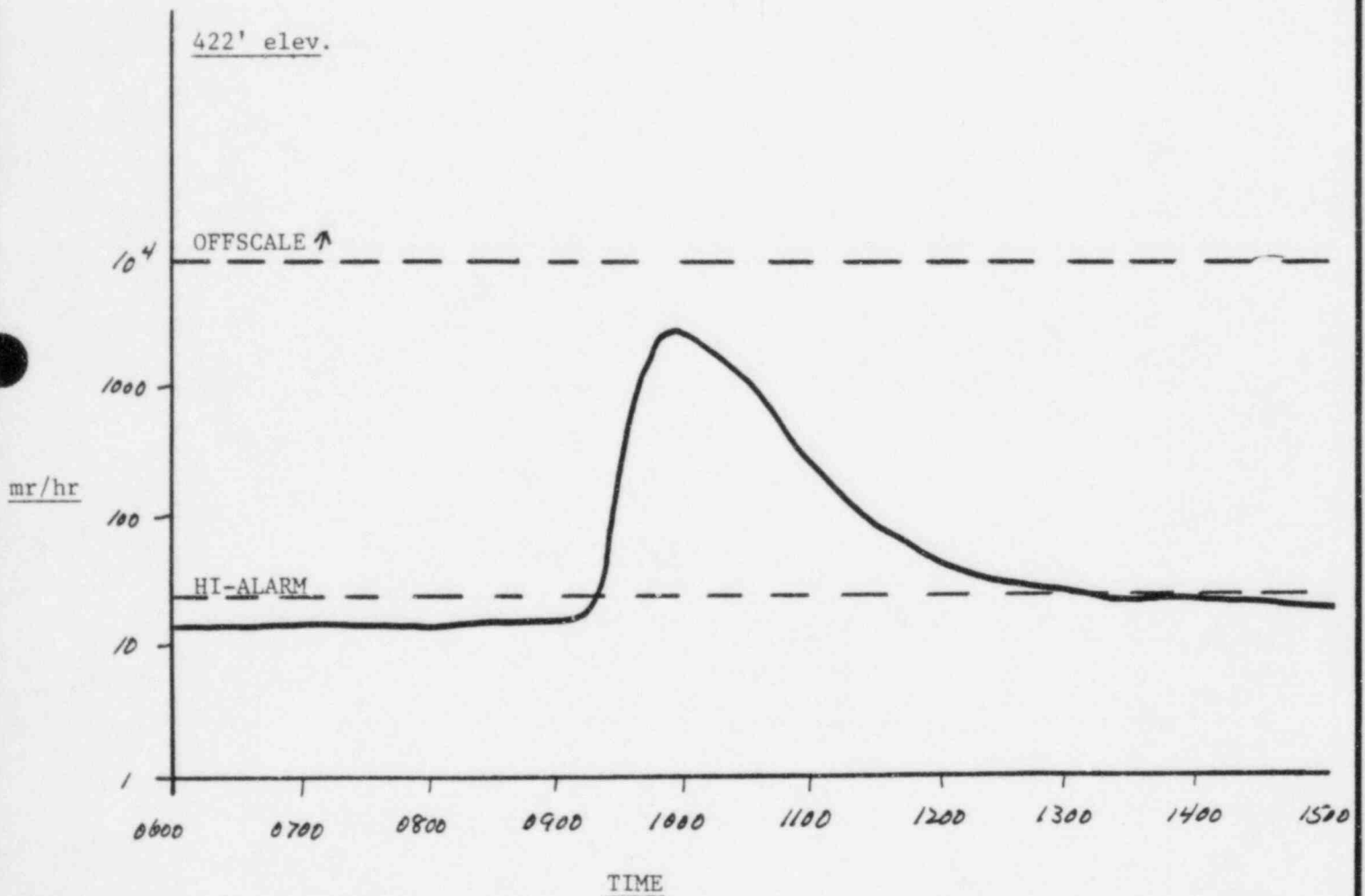
PAGE
____ of ____

SHEET NO. 15 RESPONSIBLE CONTROLLER (LOCATION)
Control Room

VALID FOR TIMES OF: ☐ AM ☐ PM TO 1430 ☐ AM ☐ PM
REAL TIME 0600 ☐ PM TO 1430 ☐ PM DRILL TIME 0030 HOURS TO 9 HOURS

ASSOCIATED WITH MESSAGES
20, 21, 36

INFORMATION APPLIES TO
RHR Pump Room 4
ARM-11





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEETF L NO.
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of

SHEET NO.

16

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

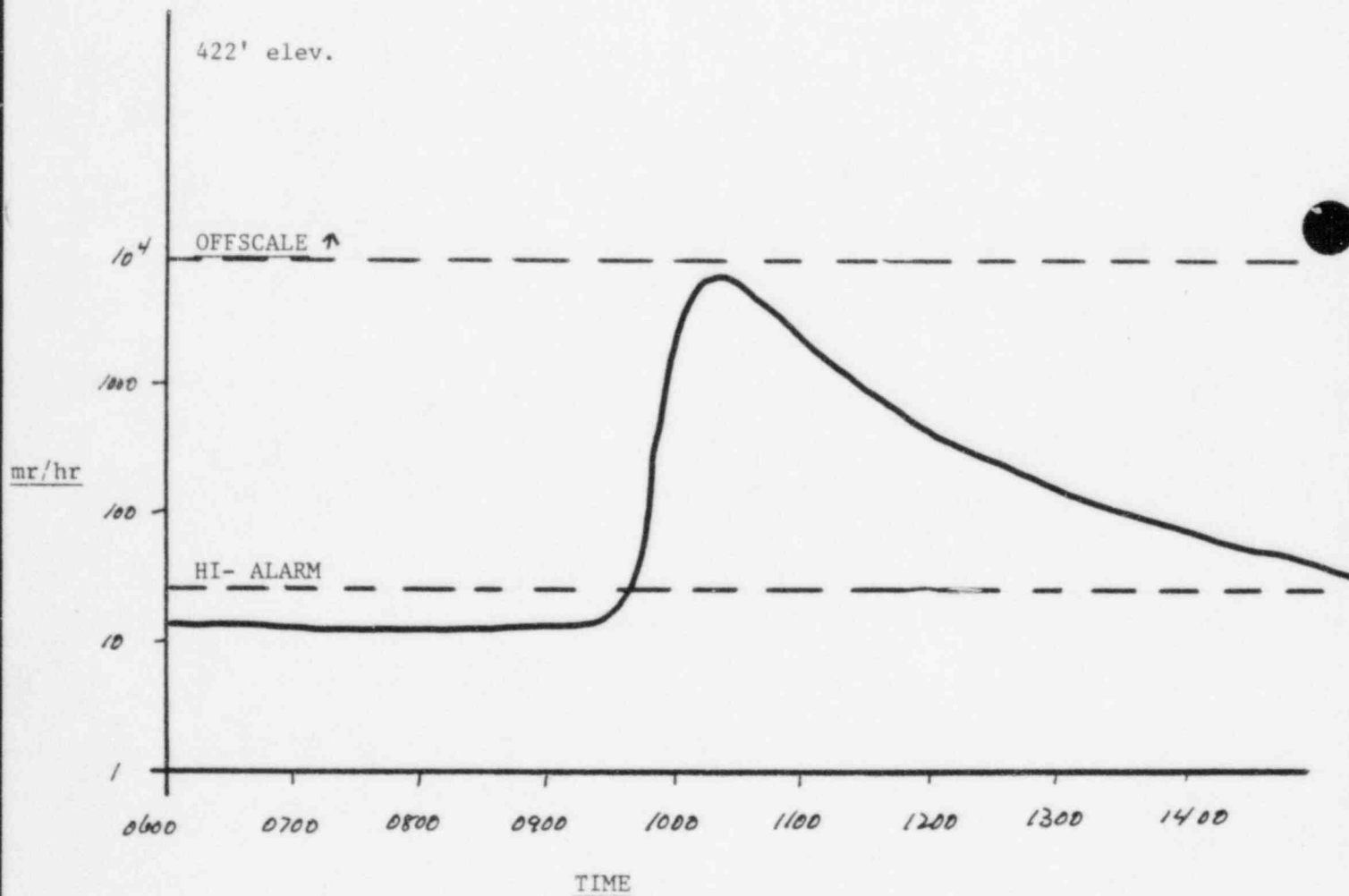
REAL TIME 0600 ☐ AM TO 1430 ☐ AM☐ PM TO 1430 ☐ PM

DRILL TIME 0030 HOURS TO 9 HOURS

ASSOCIATED WITH MESSAGES

22

INFORMATION APPLIES TO

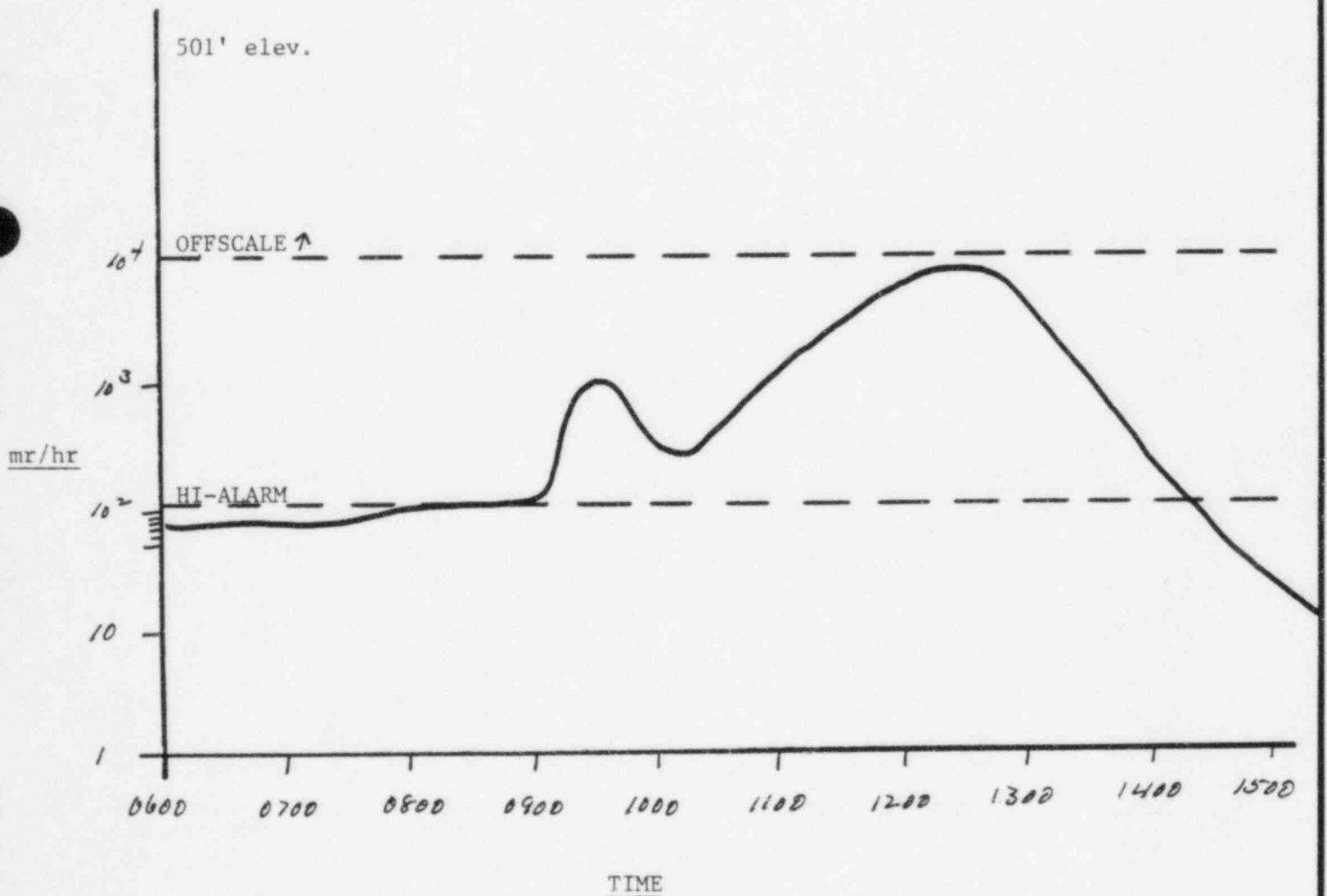
RCIC Pump Room 3
ARM-12



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE ____ of ____	
SHEET NO. 17	RESPONSIBLE CONTROLLER (LOCATION) Control Room		
VALID FOR TIMES OF: REAL TIME 0600 <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1430 <input type="checkbox"/> AM <input type="checkbox"/> PM		DRILL TIME 0030 HOURS TO 9 HOURS	
ASSOCIATED WITH MESSAGES 20		INFORMATION APPLIES TO Turbine Front Standard ARM-14	





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

D. L. NO.
1985 EMERGENCY EXERCISE

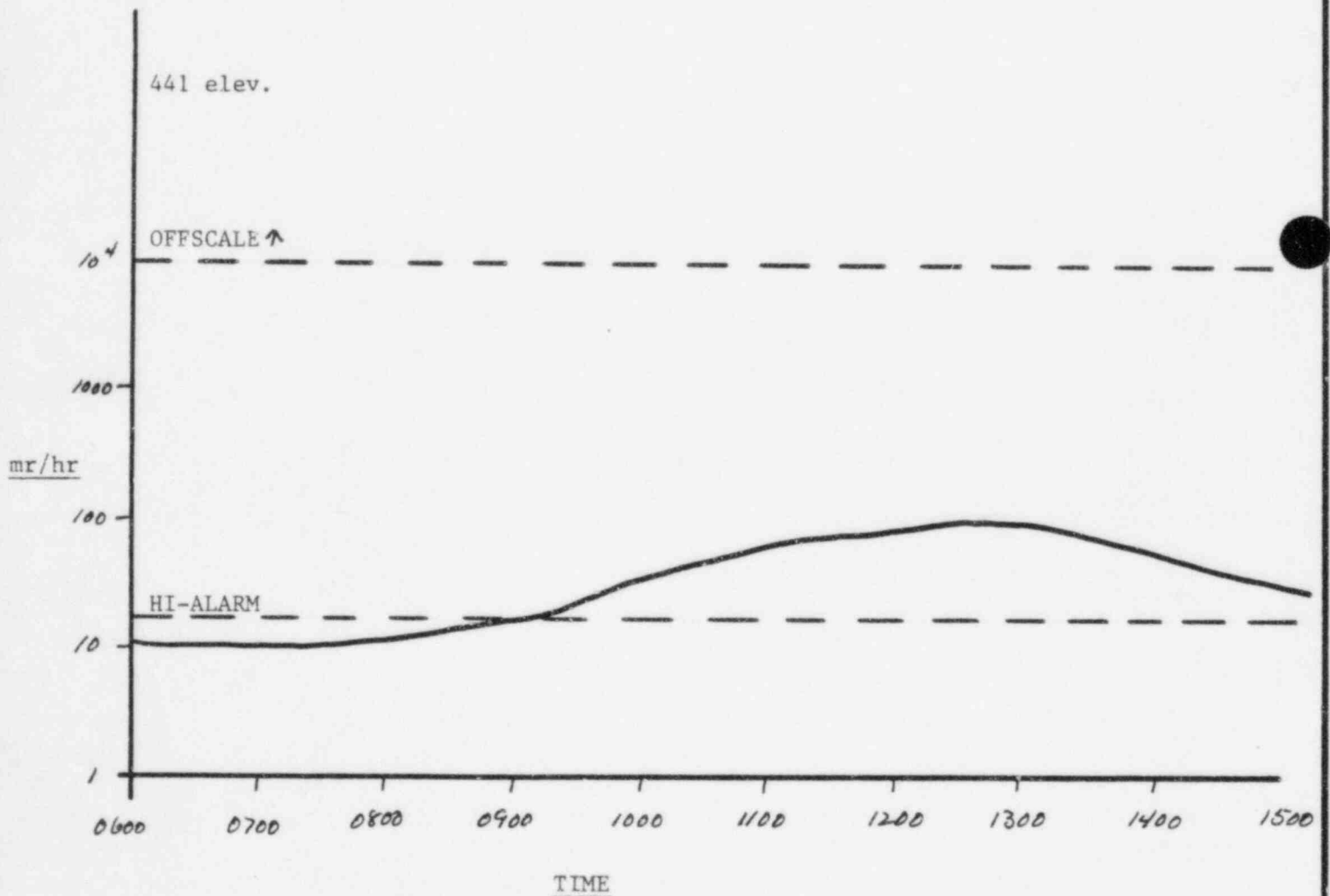
PAGE

of

SHEET NO. 18 RESPONSIBLE CONTROLLER (LOCATION)
Control RoomVALID FOR TIMES OF: ☐ AM ☐ PM TO 1430 ☐ AM ☐ PMREAL TIME 0600
ASSOCIATED WITH MESSAGES 21

DRILL TIME 0030 HOURS TO 9 HOURS

INFORMATION APPLIES TO

Turbine Entrance
ARM-15



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION

GENERAL DATA SHEET

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SHEET NO.

19

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM☐ PM

TO

1430

☐ AM☐ PM

DRILL TIME

0030 HOURS TO

9

HOURS

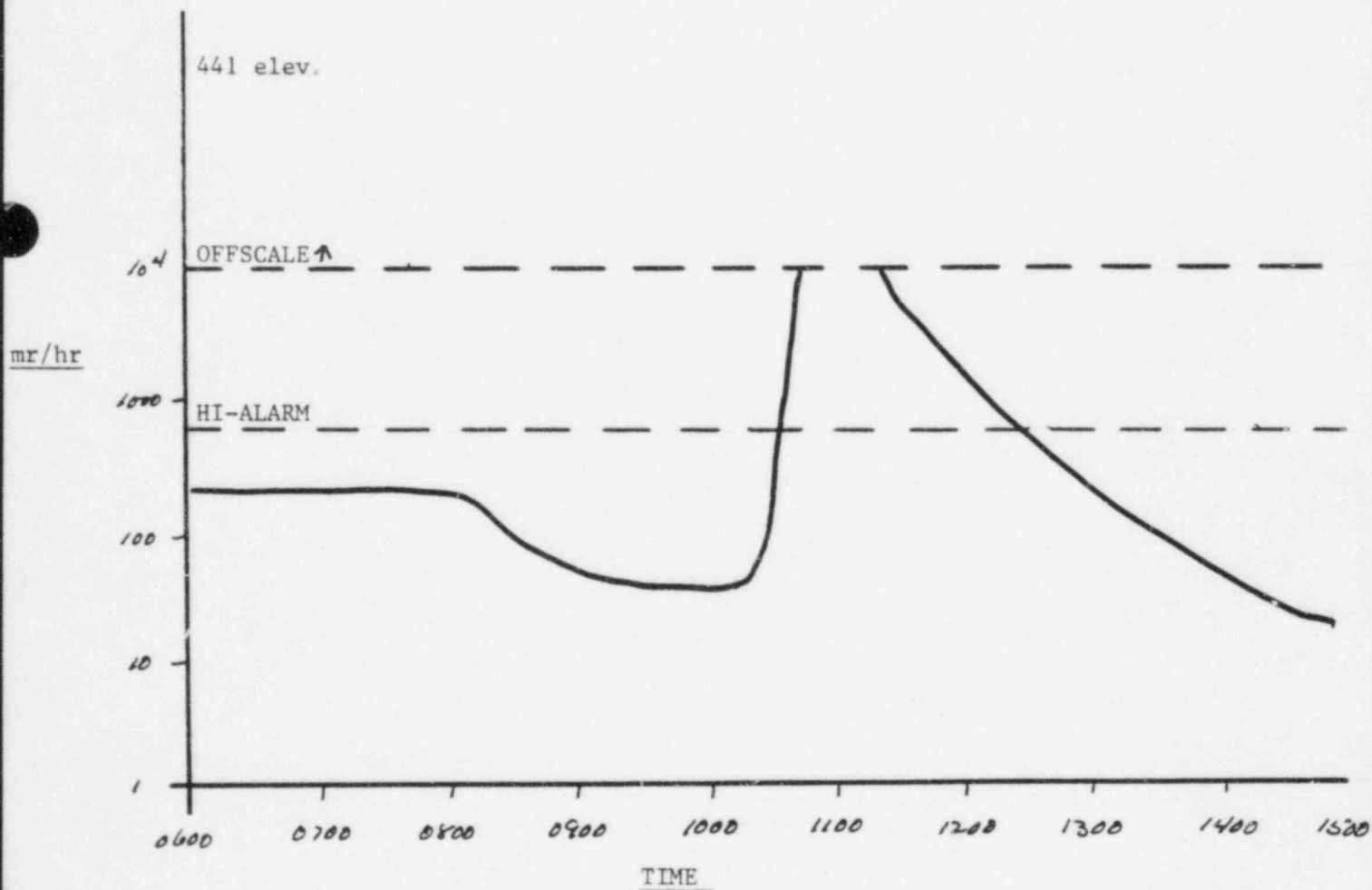
ASSOCIATED WITH MESSAGES

26, 32

INFORMATION APPLIES TO

RFW Pump Rooms

ARM-16-17





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

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20

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM

TO

☐ AM

REAL TIME

0600

☐ PM

1430

☐ PM

DRILL TIME 0030 HOURS TO

9

HOURS

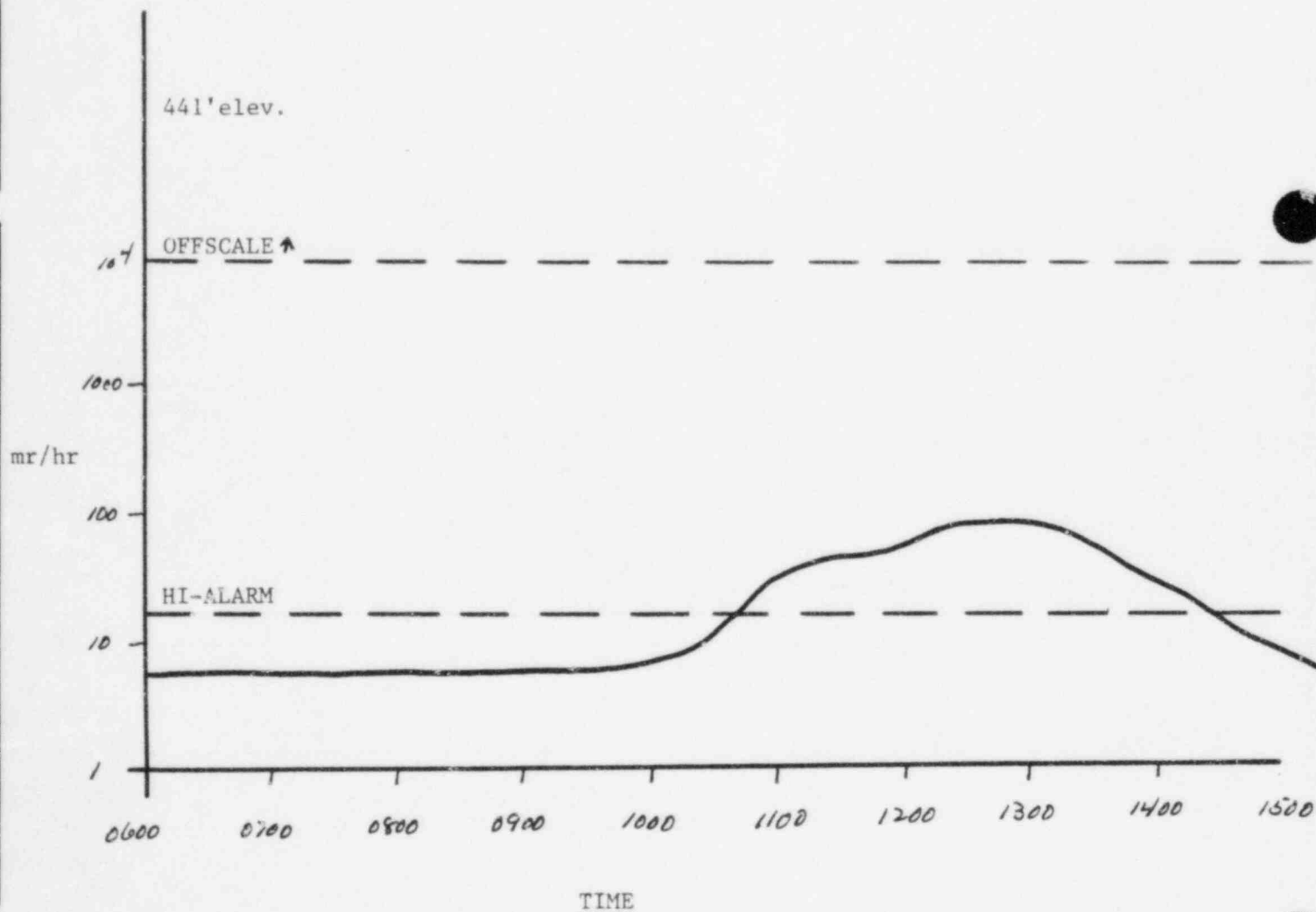
ASSOCIATED WITH MESSAGES

26, 32

INFORMATION APPLIES TO

COND Pump Area

ARM-18





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEETL NO.
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SHEET NO.

21

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM

TO

☐ AM☐ PM

REAL TIME

0600

1430

DRILL TIME

0030

HOURS TO

9

HOURS

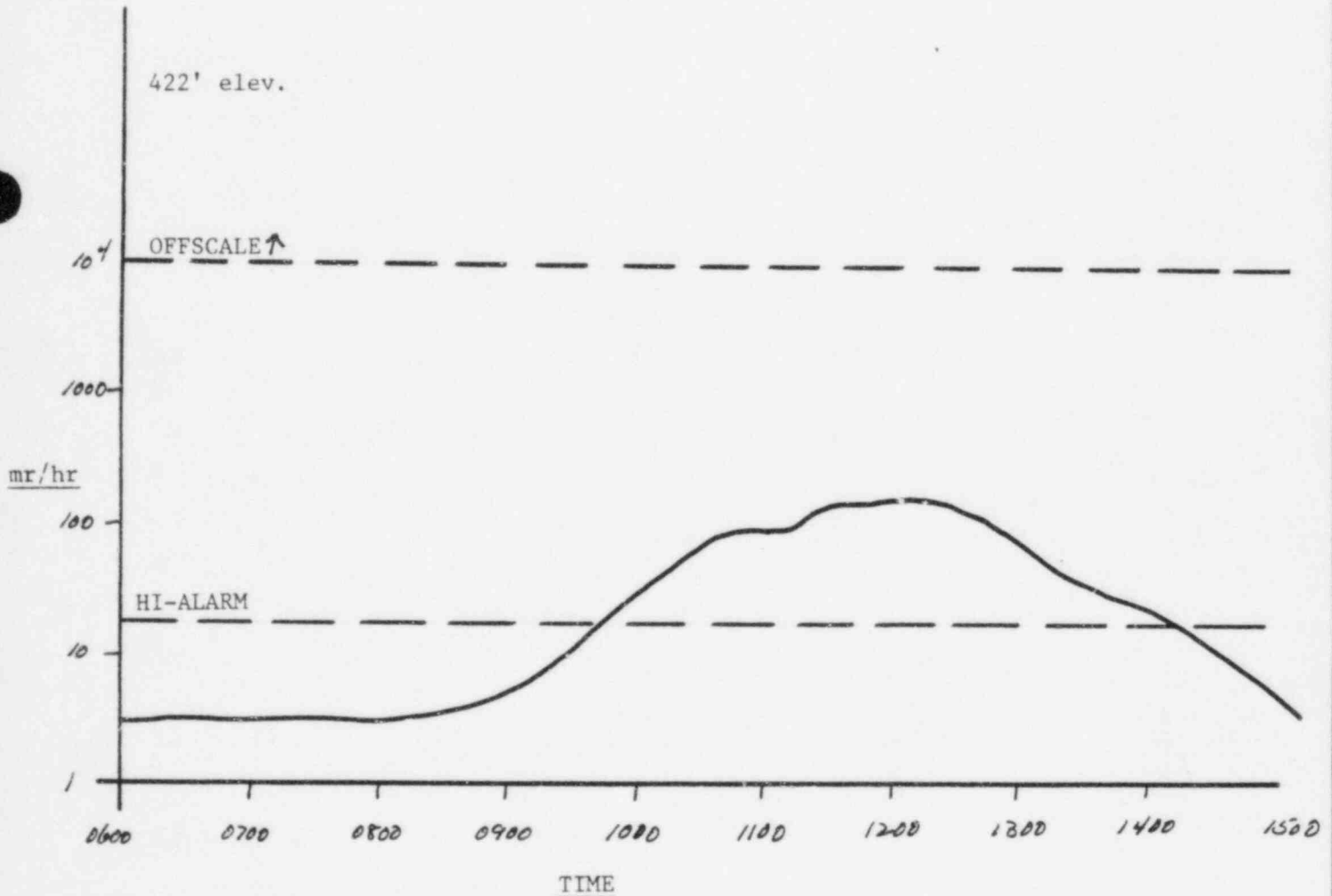
ASSOCIATED WITH MESSAGES

23

INFORMATION APPLIES TO

CRD Pump Room 10

ARM-23





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

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SHEET NO.

22

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM☐ PM

0600

TO

1430

☐ AM☐ PM

DRILL TIME

0030 HOURS

TO

9

HOURS

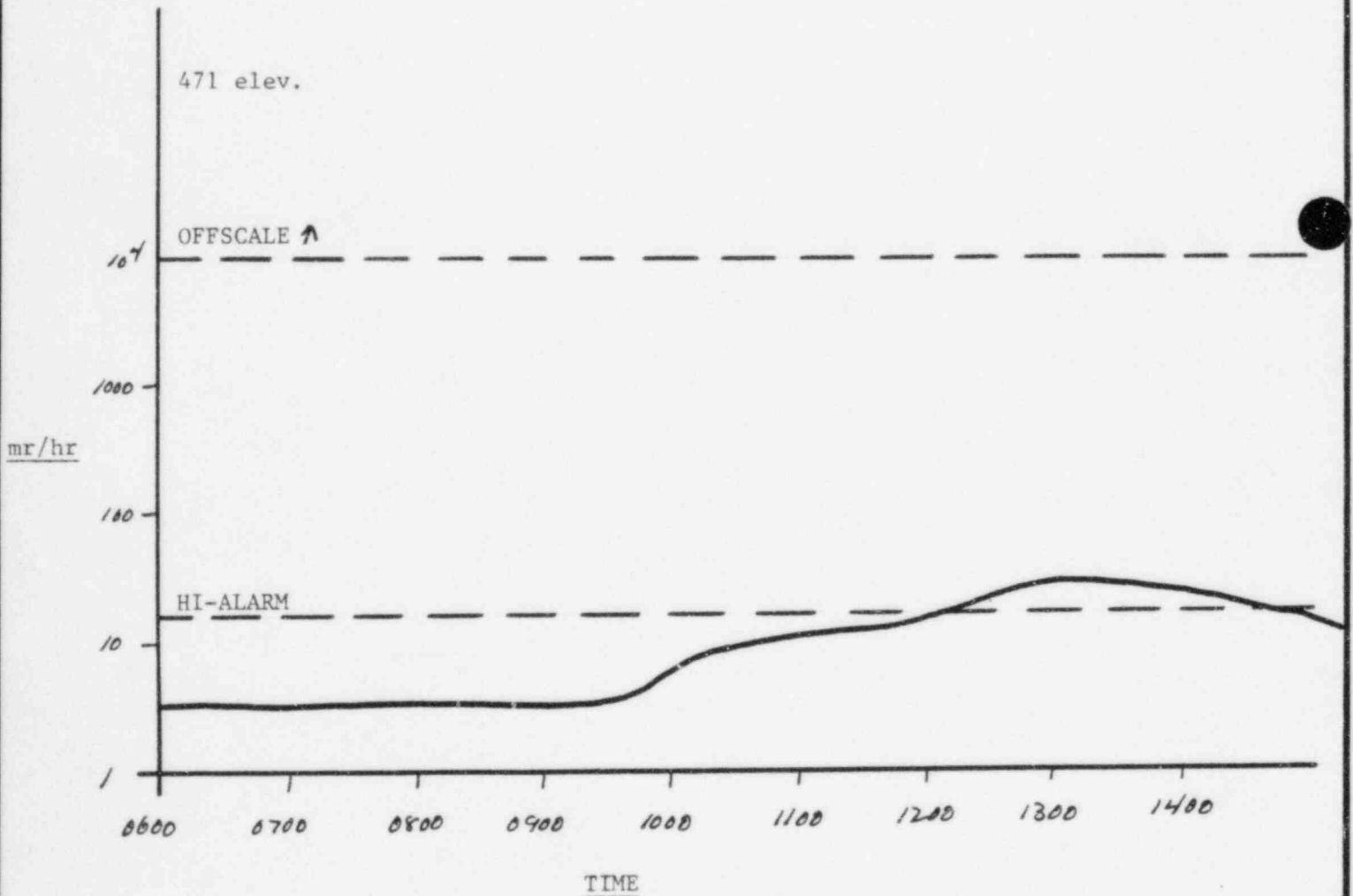
ASSOCIATED WITH MESSAGES

31

INFORMATION APPLIES TO

Equip Access Area

ARM-24





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

DRAFT L NO.

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23

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM

TO

☐ AM☐ PM

REAL TIME

0600

1430

DRILL TIME 0030 HOURS TO

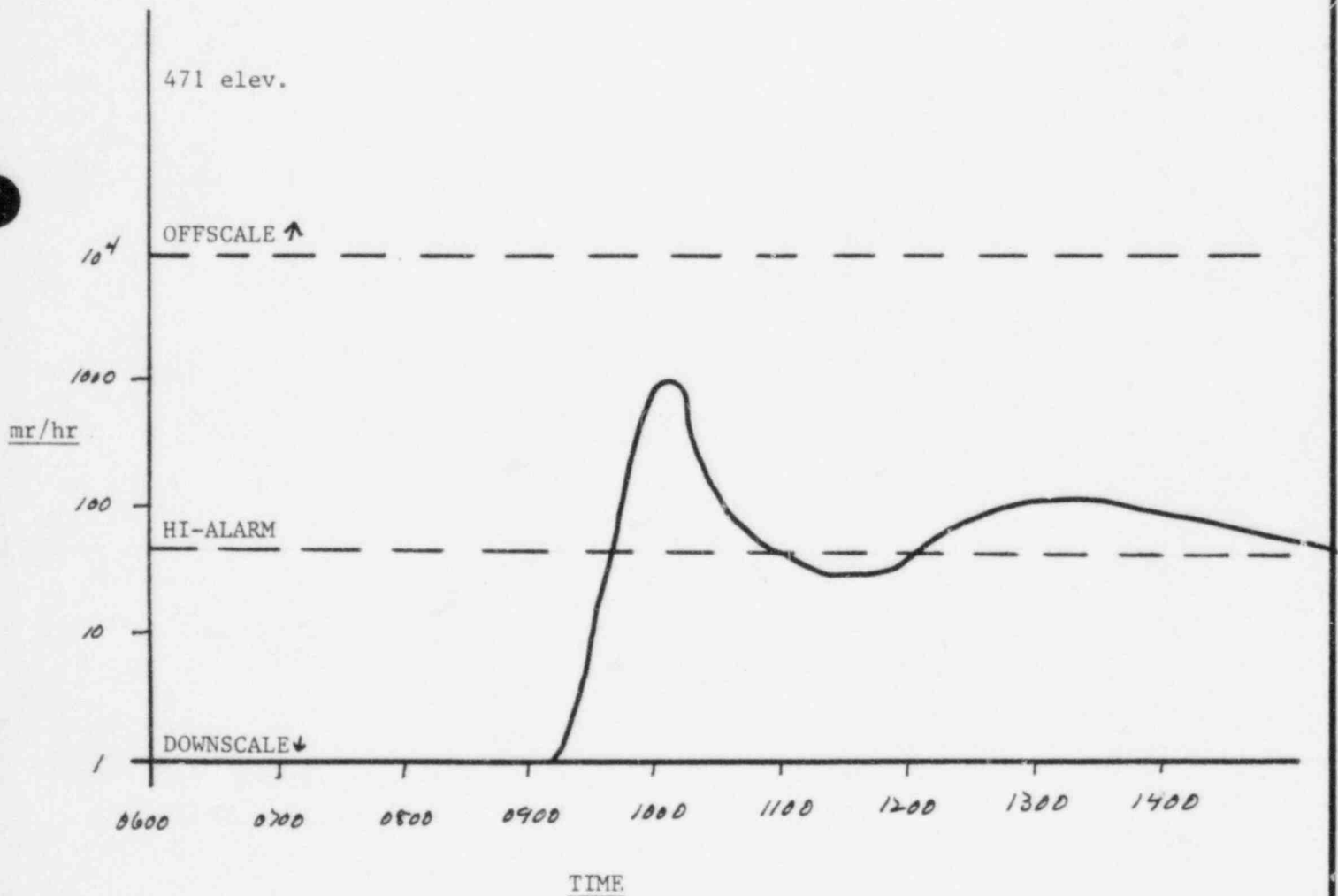
9

HOURS

ASSOCIATED WITH MESSAGES

22, 26, 31

INFORMATION APPLIES TO

High Range RB Area
ARM-32



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

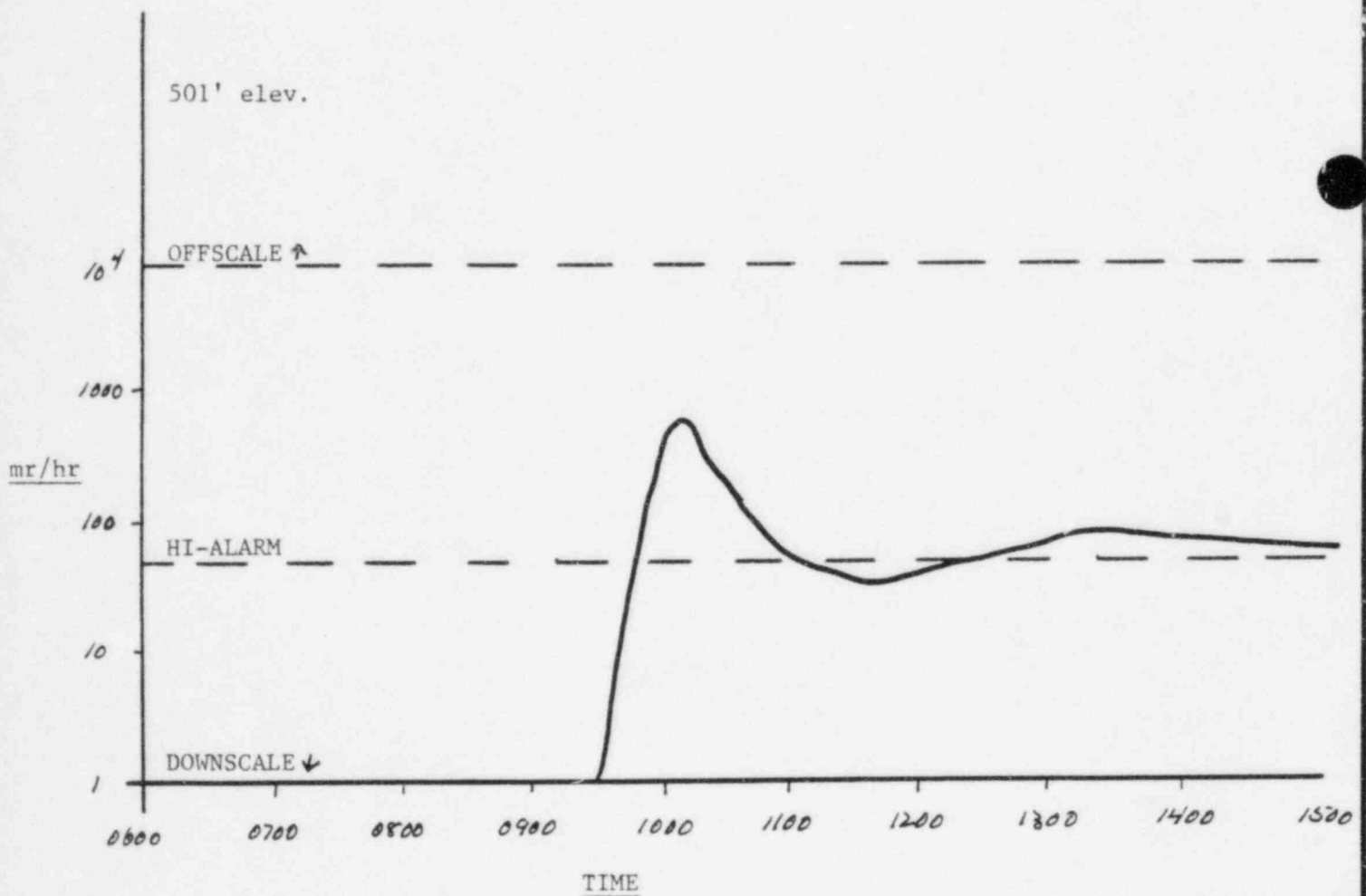
DRILL NO. 1985 EMERGENCY EXERCISE

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SHEET NO. 24 RESPONSIBLE CONTROLLER (LOCATION)
Control RoomVALID FOR TIMES OF: ☐ AM ☐ AM
REAL TIME 0600 ☐ PM TO 1430 ☐ PM

DRILL TIME 0030 HOURS TO 9 HOURS

ASSOCIATED WITH MESSAGES
23, 26, 32INFORMATION APPLIES TO
High Range RB Area
ARM-33



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

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SHEET NO.

25

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM☐ PM

TO

1415

☐ AM☐ PM

DRILL TIME

0330 HOURS TO

0845

HOURS

ASSOCIATED WITH MESSAGES

27

INFORMATION APPLIES TO

Process Radiation Monitor Alarm Times

<u>PRM</u>	<u>ALARM SOUNDS</u>	<u>QUITS</u>
TEA-RE-13	09:00 HI	13:15
TEA-RE-13A	09:15 HI-HI	
	10:45 HI	13:00
MS-RE-3A, B, C, D	08:00 HI	13:00
	08:15 HI-HI	
OG-RE-601 A & B	08:00 HI	
	08:15 HI-HI	14:15
OG-RE-2	09:00 HI	09:15
	09:15 HI-HI	
TRA-RE-1	NA	
CMS-RE-27A, B, E & F	NA	



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION

GENERAL DATA SHEET

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SHEET NO.

26

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM☐ PM

0600 TO

1430

☐ AM☐ PM

DRILL TIME 0030 HOURS TO

9

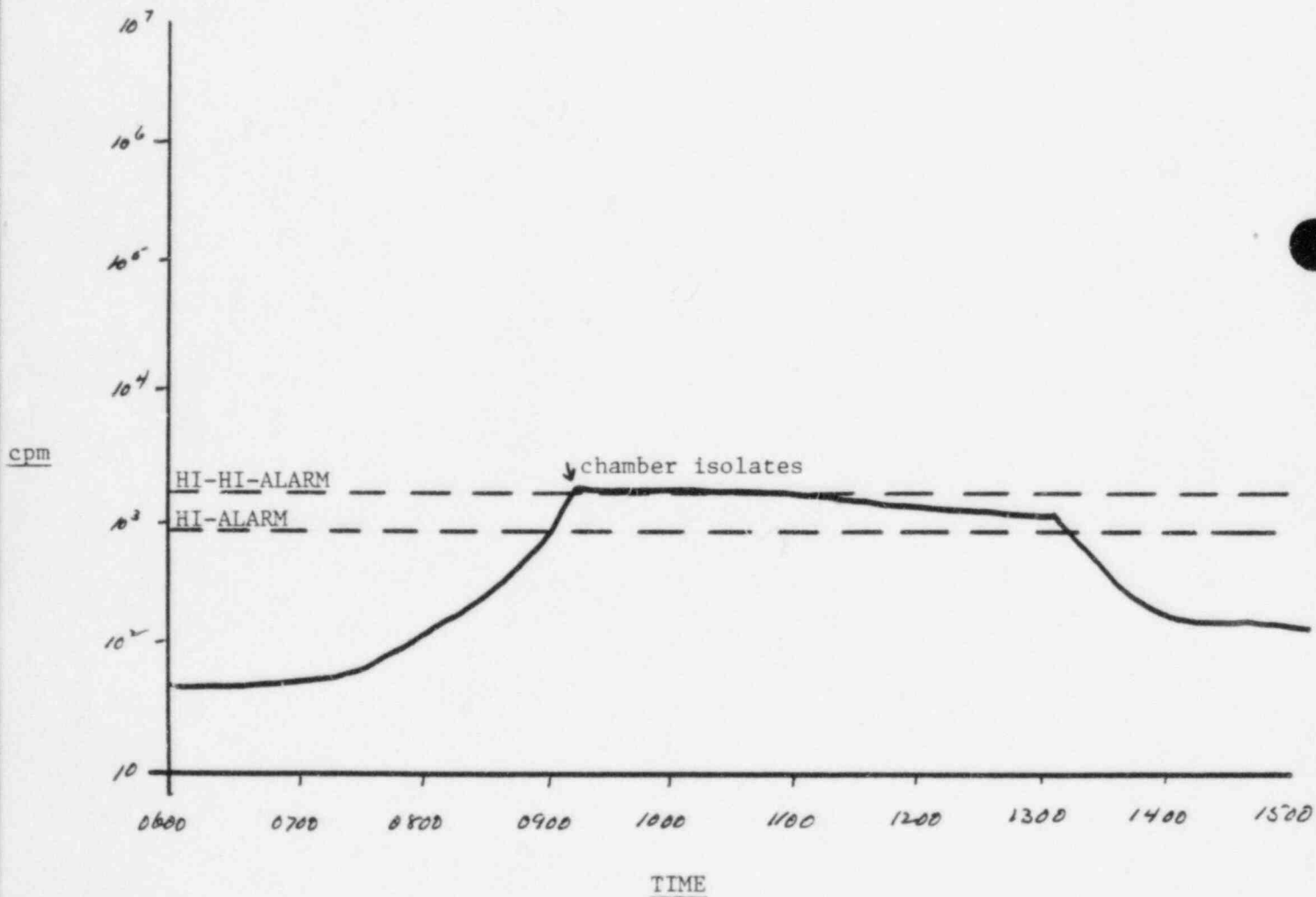
HOURS

ASSOCIATED WITH MESSAGES

23, 27

INFORMATION APPLIES TO

TEA-RE-13





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO.

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SHEET NO.

27

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM

TO

☐ AM☐ PM

REAL TIME

0600

1430

DRILL TIME

0030

HOURS

TO

9

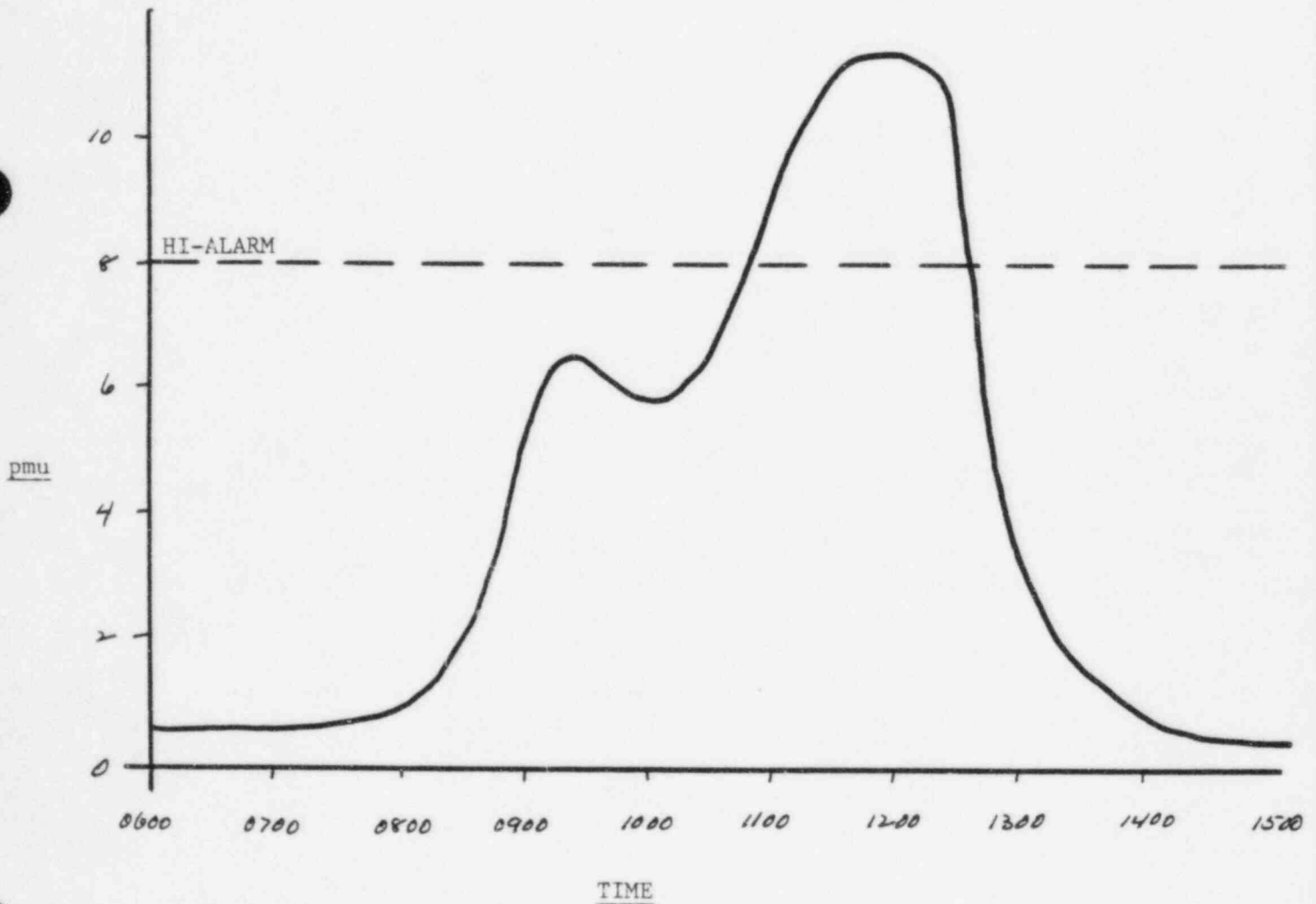
HOURS

ASSOCIATED WITH MESSAGES

23, 27

INFORMATION APPLIES TO

TEA-RE-13A





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

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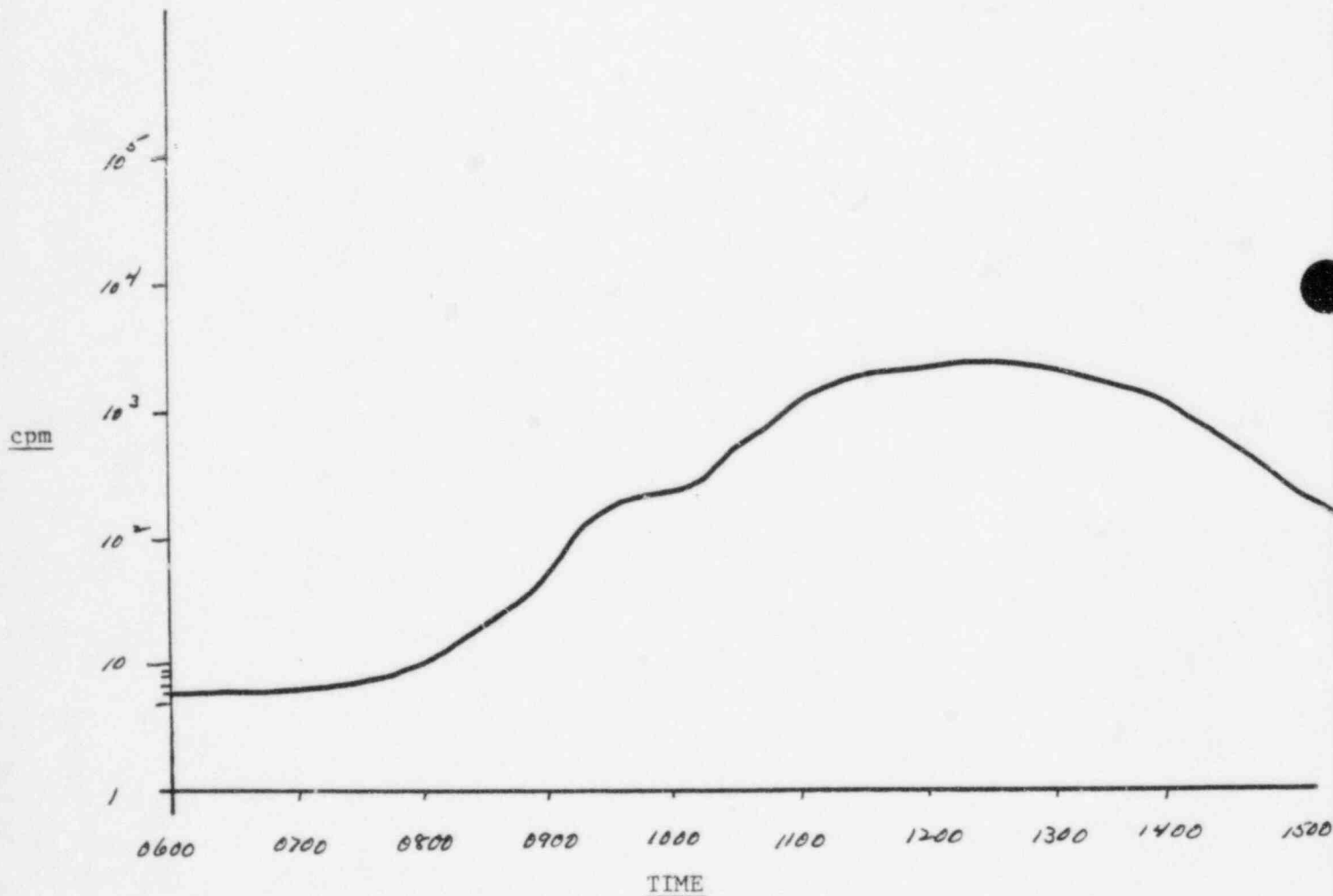
SHEET NO. 28 RESPONSIBLE CONTROLLER (LOCATION)
Control Room

VALID FOR TIMES OF: ☐ AM ☐ AM
REAL TIME 0600 ☐ PM TO 1430 ☐ PM

DRILL TIME 0030 HOURS TO 9 HOURS

ASSOCIATED WITH MESSAGES
23

INFORMATION APPLIES TO
TRA-RE-1





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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SHEET NO.

29

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM

TO

☐ AM☐ PM

REAL TIME

0600

1430

DRILL TIME

0030

HOURS

TO

9

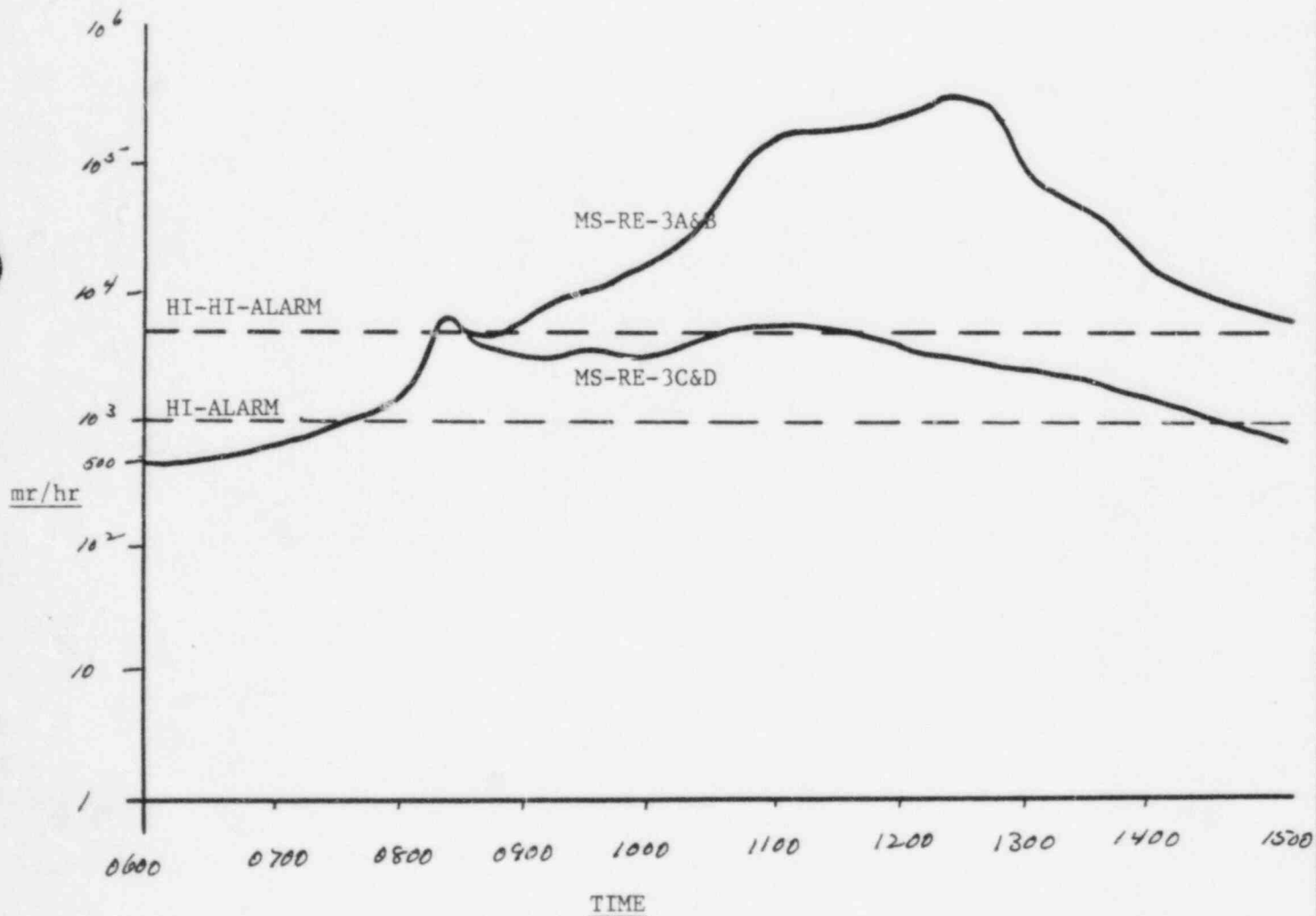
HOURS

ASSOCIATED WITH MESSAGES

1, 8, 9, 14

INFORMATION APPLIES TO

MS-RE-3A, B, C, D





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

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SHEET NO.

30

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM☐ PM

TO

1430

☐ AM☐ PM

REAL TIME

0600

DRILL TIME

0030

HOURS TO

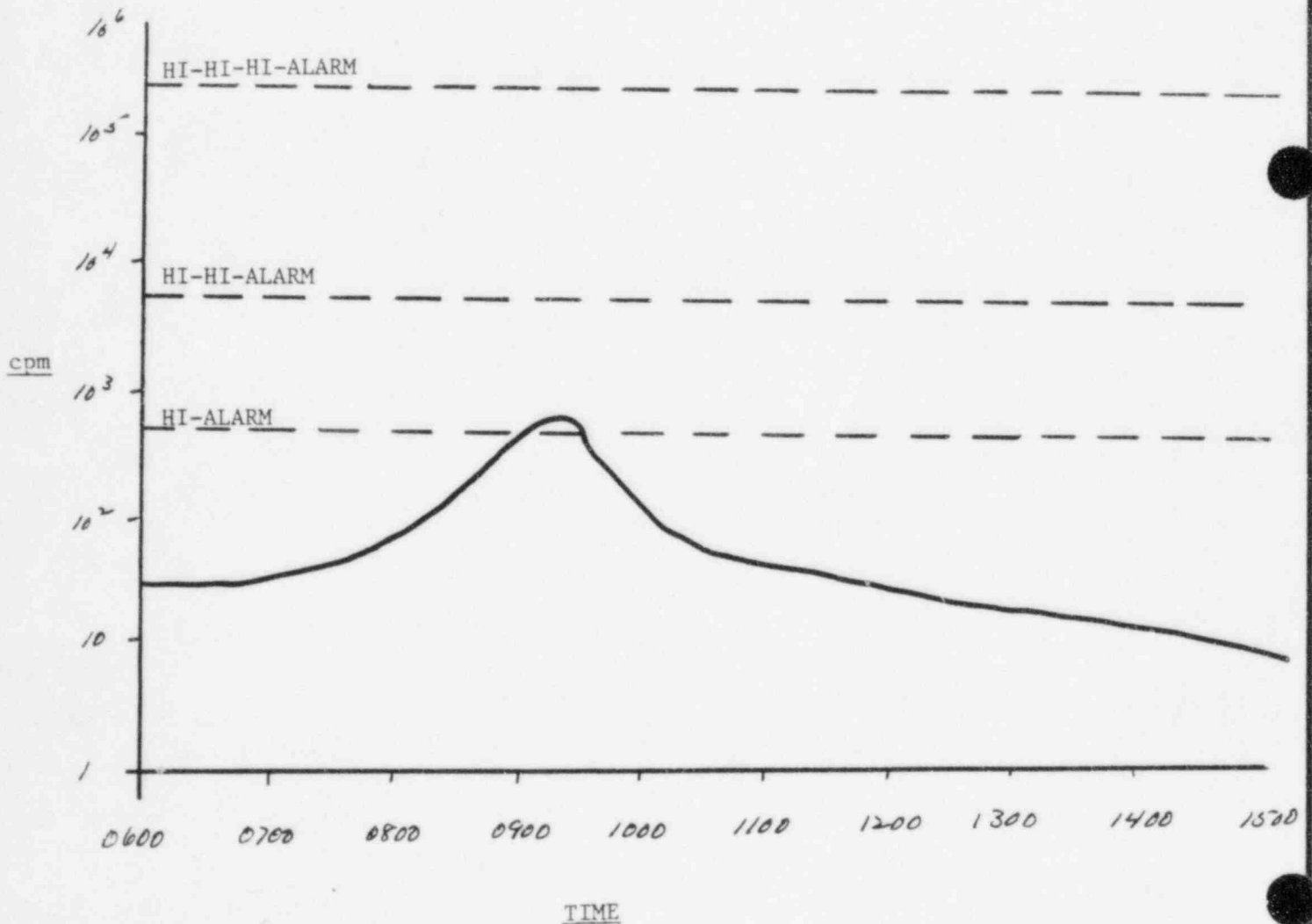
9

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

OG-RE-601 A&B





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

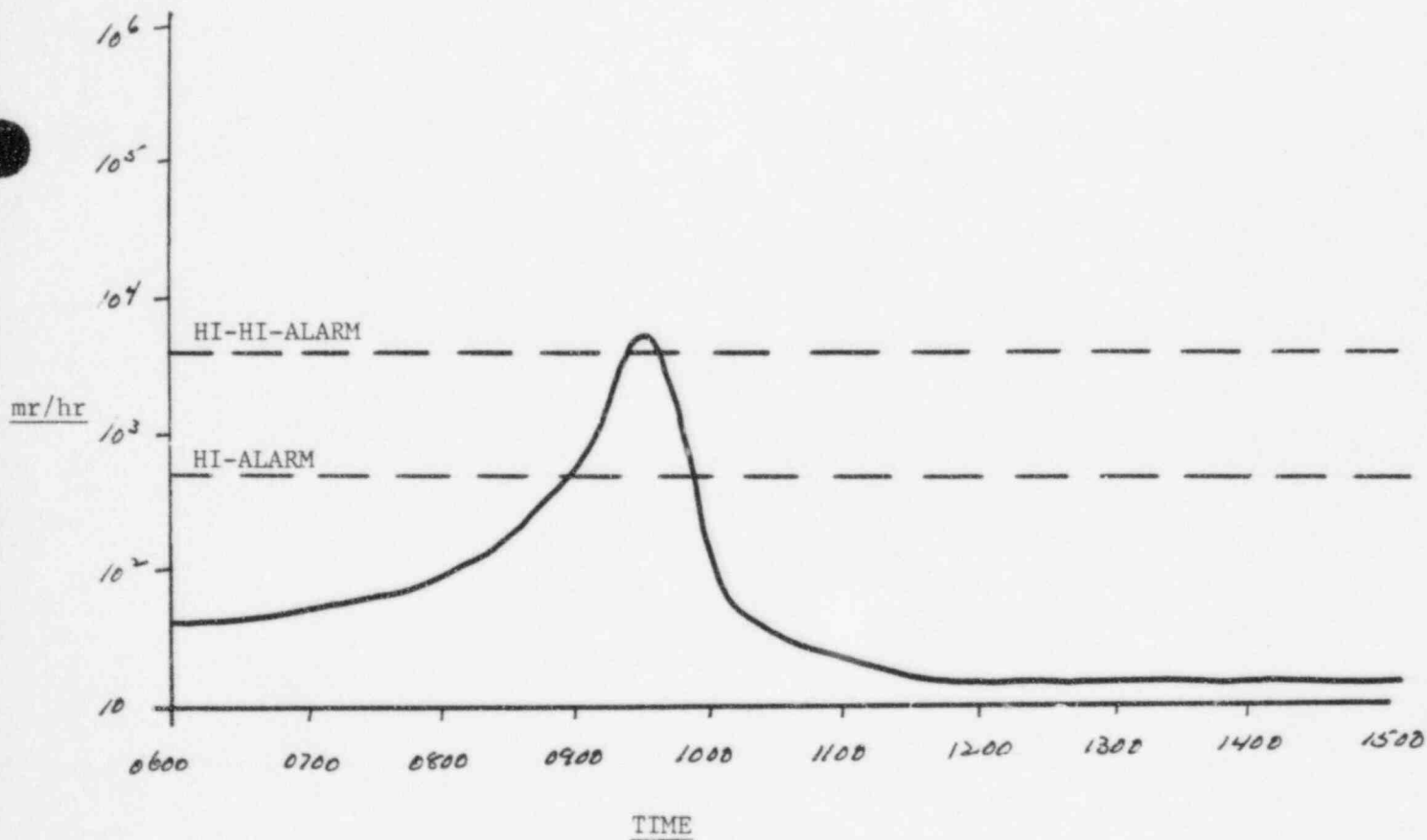
ROLL NO. 1985 EMERGENCY EXERCISE PAGE ____ of ____

SHEET NO. 31 RESPONSIBLE CONTROLLER (LOCATION) Control Room

VALID FOR TIMES OF: ☐ AM ☐ PM TO 1430 ☐ AM ☐ PM
REAL TIME 0600 ☐ PM TO 1430 ☐ PM DRILL TIME 0030 HOURS TO 1430 HOURS

ASSOCIATED WITH MESSAGES INFORMATION APPLIES TO

OG-RE-2





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION

GENERAL DATA SHEET

DRILL NO.

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SHEET NO.

32

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME

0600

☐ PM TO

1400

☐ PM

DRILL TIME

0030 HOURS TO

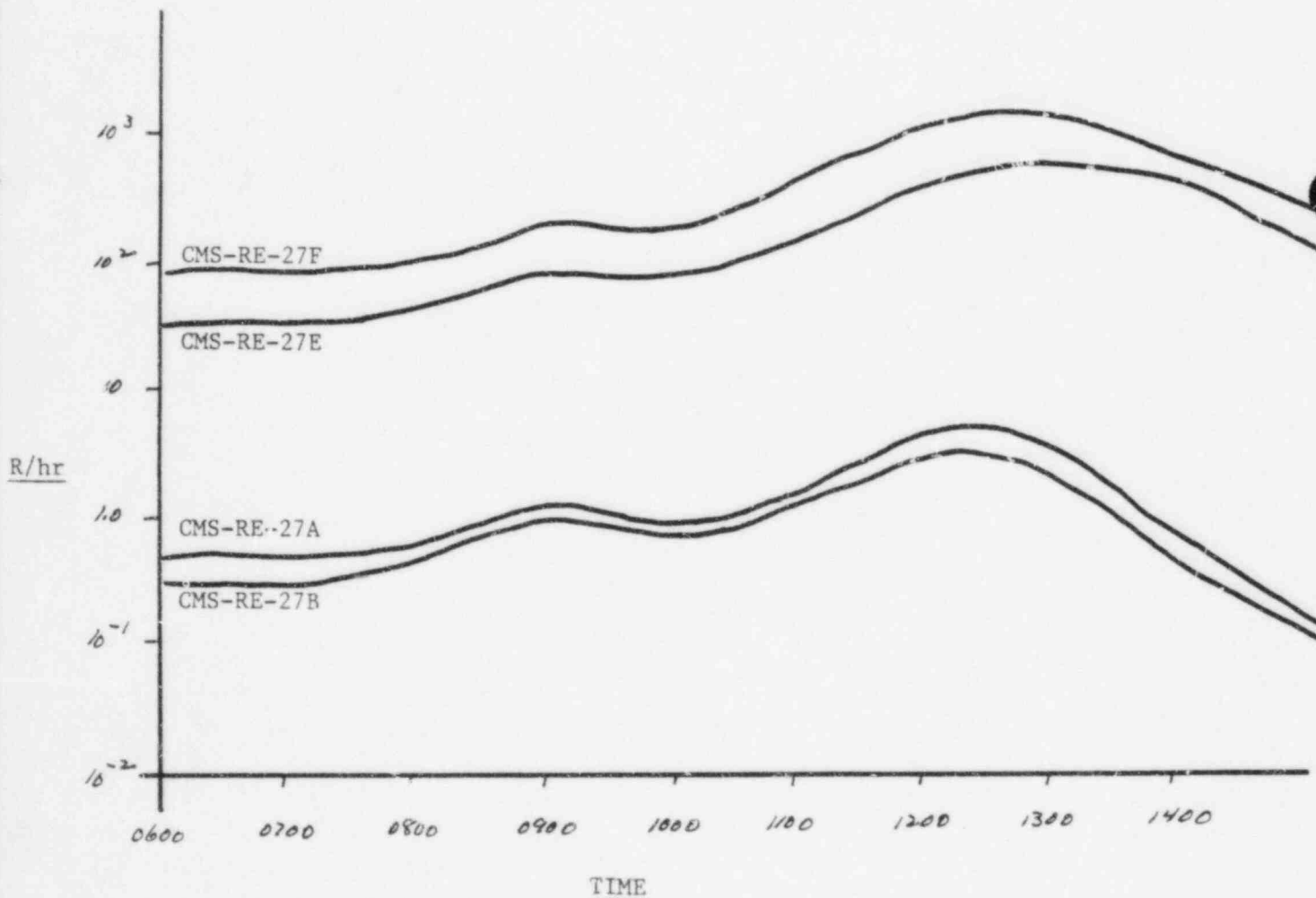
9

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

CMS-RE-27A, B, E, F





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION

GENERAL DATA SHEET

DRILL NO.

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SHEET NO.

33

RESPONSIBLE CONTROLLER (LOCATION)

OSC With In-Plant Teams

VALID FOR TIMES OF:

☐ AM

TO

☐ AM

PM

REAL TIME

0530

1430

DRILL TIME

0

HOURS

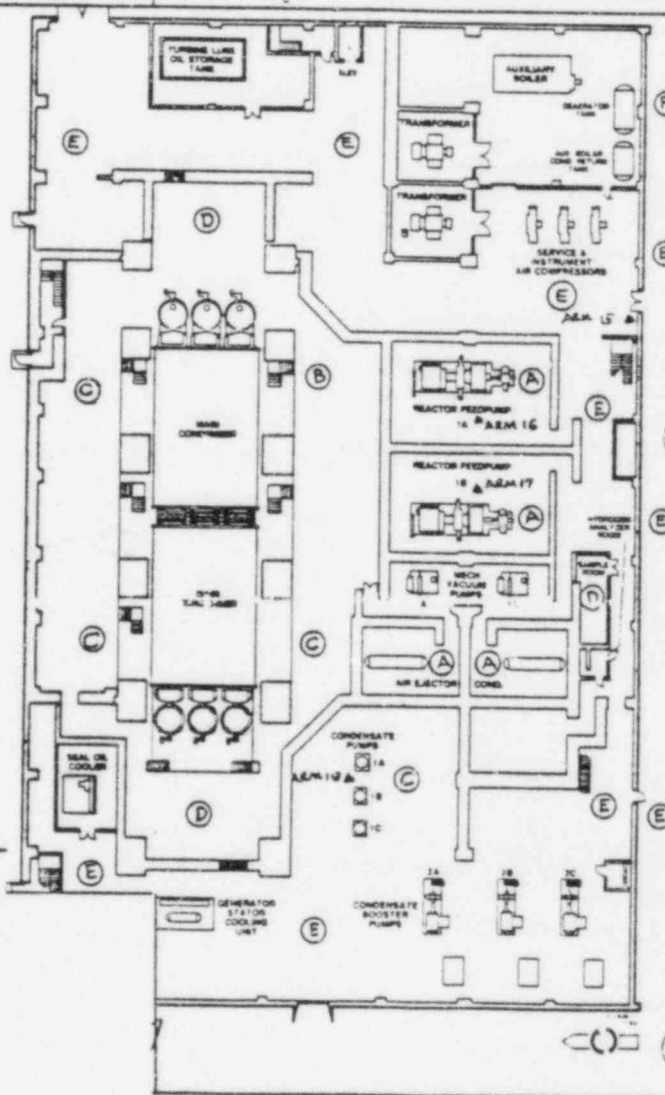
TO

9

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

In-Plant Dose Rates For Turbine
Generator Building 441' Elevation

441' LEVEL TURBINE BLDG. DOSE RATES 0600-1500
(All readings mR/hr unless otherwise indicated)

	A	B	C	D	E	F
0600-0900	200	100		35	1	1
0900-1000	50	200		50	5	10
1000-1100	10R/hr	800		100	10	20
1100-1300	50R/hr	1R/hr		200	15	50
1300-1400	500	500		100	10	20
1400-1500	100	100		50	1	3



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM CONTROLLER INFORMATION GENERAL DATA SHEET

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RESPONSIBLE CONTROLLER (LOCATION)

OSC With In-Plant Teams

VALID FOR TIMES OF:

☐ AM

TO

1430

☐ AM☐ PM

DRILL TIME

0

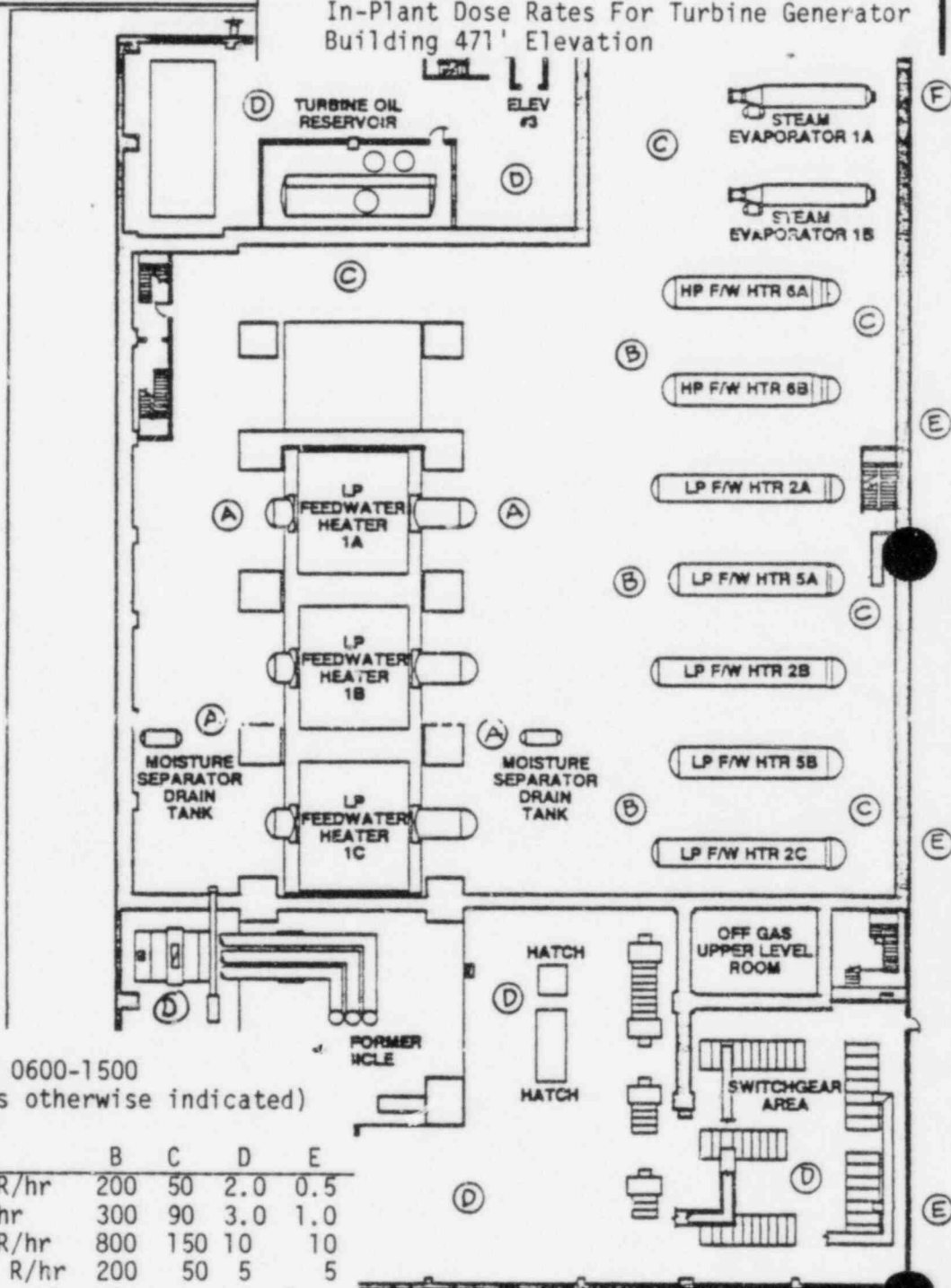
HOURS

9

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

In-Plant Dose Rates For Turbine Generator
Building 471' Elevation

471' LEVEL TGB DOSE RATES 0600-1500
(All readings mR/hr unless otherwise indicated)

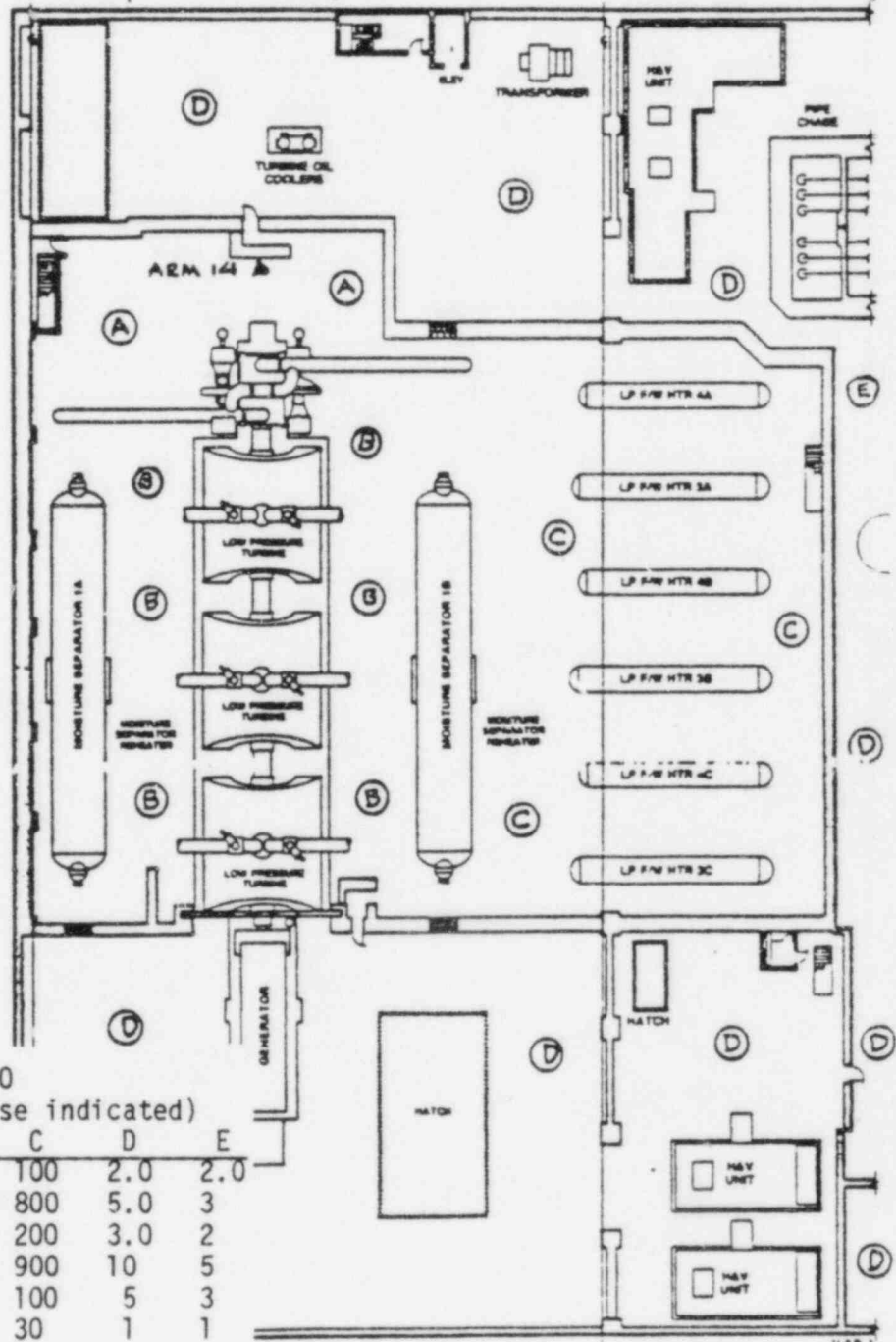
Room Key	A	B	C	D	E
0600-0930 Dose Rate	1.5 R/hr	200	50	2.0	0.5
0930-1100 Dose Rate	5 R/hr	300	90	3.0	1.0
1100-1300	1.0 R/hr	800	150	10	10
1300-1500	1 R/hr	200	50	5	5
F 50 mR/hr from 1220-1500, otherwise same as E					



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

CONTROLLER INFORMATION GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE ____ of ____	
SHEET NO. 35	RESPONSIBLE CONTROLLER (LOCATION) OSC With In-Plant Teams		
VALID FOR TIMES OF: REAL TIME 0530 <input type="checkbox"/> AM TO 1430 <input type="checkbox"/> PM		DRILL TIME 0 HOURS TO 9 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO In-Plant Dose Rates For Turbine Generator Building 501' Elevation	



501' LEVEL TGB DOSE RATES 0600-1500
(All readings mR/hr unless otherwise indicated)

		A	B	C	D	E
0600	0900	70	500	100	2.0	2.0
0900	1000	1 R/hr	1.5R/hr	800	5.0	3
1000	1100	400	500	200	3.0	2
1100	1300	5 R/hr	6R/hr	900	10	5
1300	1400	500	500	100	5	3
1400	1500	50	50	30	1	1



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION

GENERAL DATA SHEET

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36

RESPONSIBLE CONTROLLER (LOCATION)

OSC With In-Plant Teams

VALID FOR TIMES OF:

☐ AM

TO

☐ AM☐ PM

REAL TIME

0530

1430

DRILL TIME

0

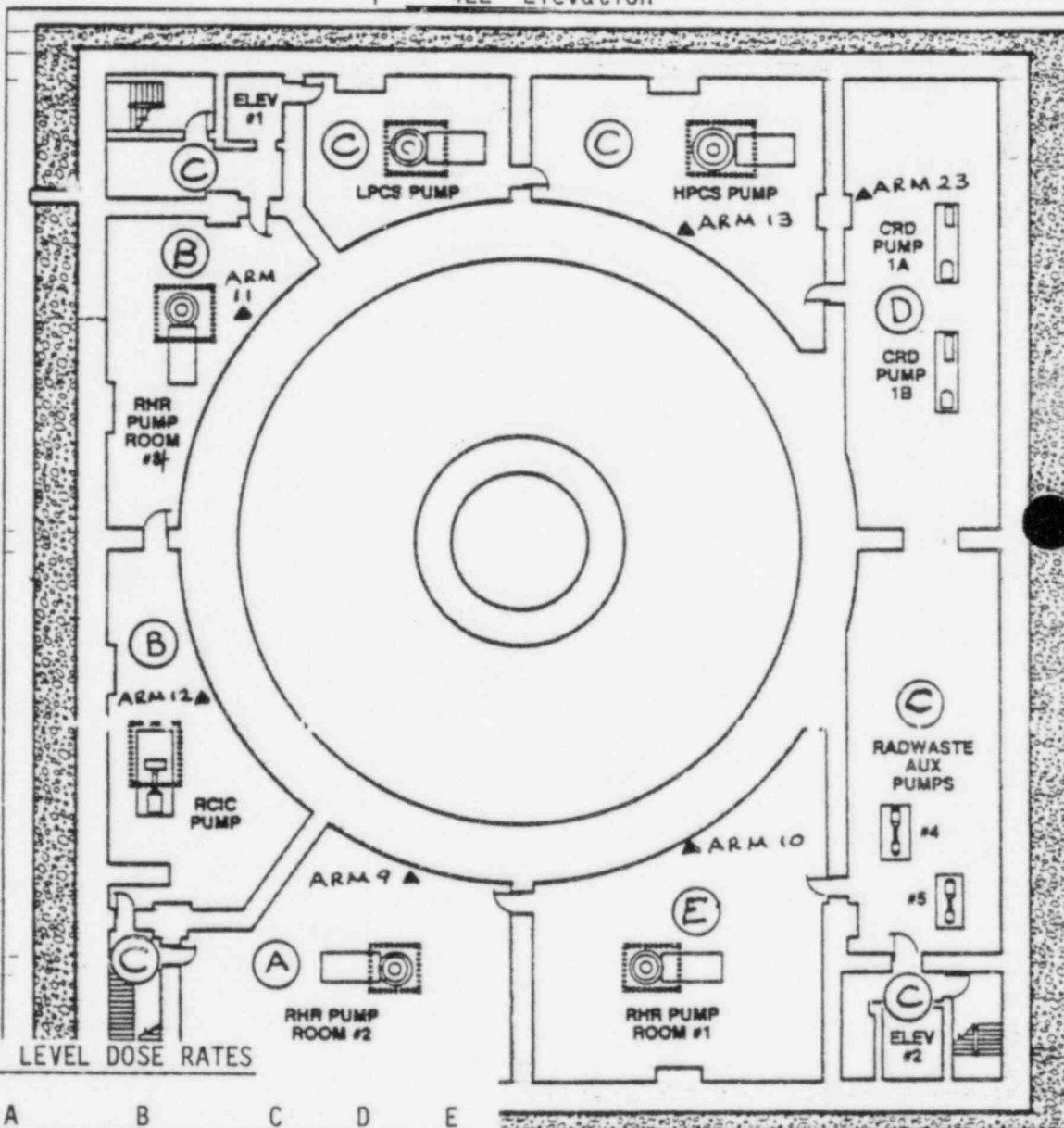
HOURS

9

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

In-Plant Dose Rates For Reactor Building
422' Elevation

REACTOR BLDG. 422' LEVEL DOSE RATES

		A	B	C	D	E
0600	0930	15	15	15	5	15
0930	1030	150	5R/hr	20	70	15
1030	1130	100	1R/hr	25	100	15
1130	1230	200	100	20	200	20
1230	1330	100	50	15	70	10R/hr
1330	1500	50	30	15	15	10R/hr





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RESPONSIBLE CONTROLLER (LOCATION)

OSC With In-Plant Teams

VALID FOR TIMES OF:

☐ AM☐ PM☐ AM☐ PM

REAL TIME

0530

TO

1430

DRILL TIME

0

HOURS

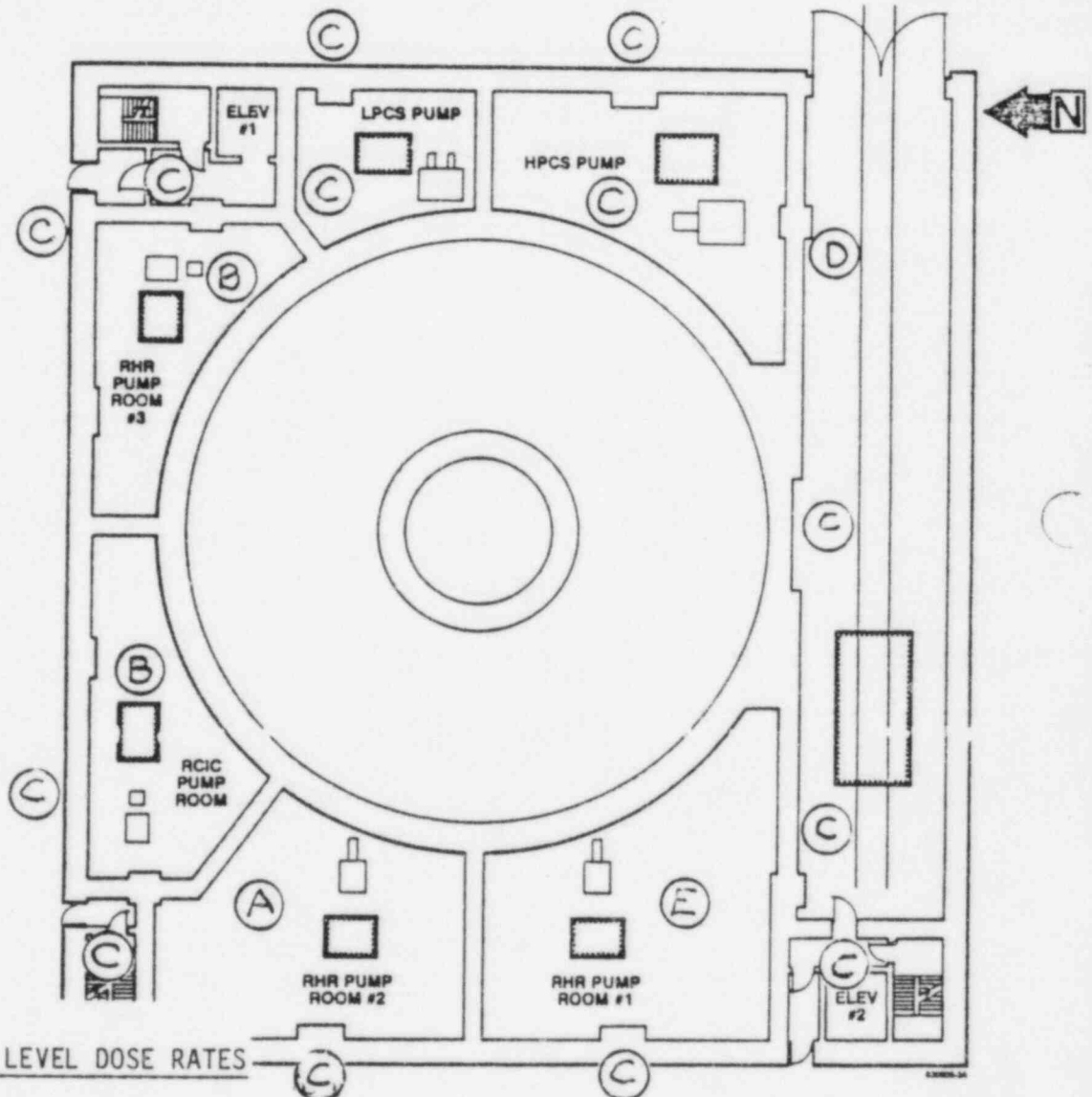
TO

9

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

In-Plant Dose Rates For Reactor Building
441' Elevation

REACTOR BLDG. 441' LEVEL DOSE RATES

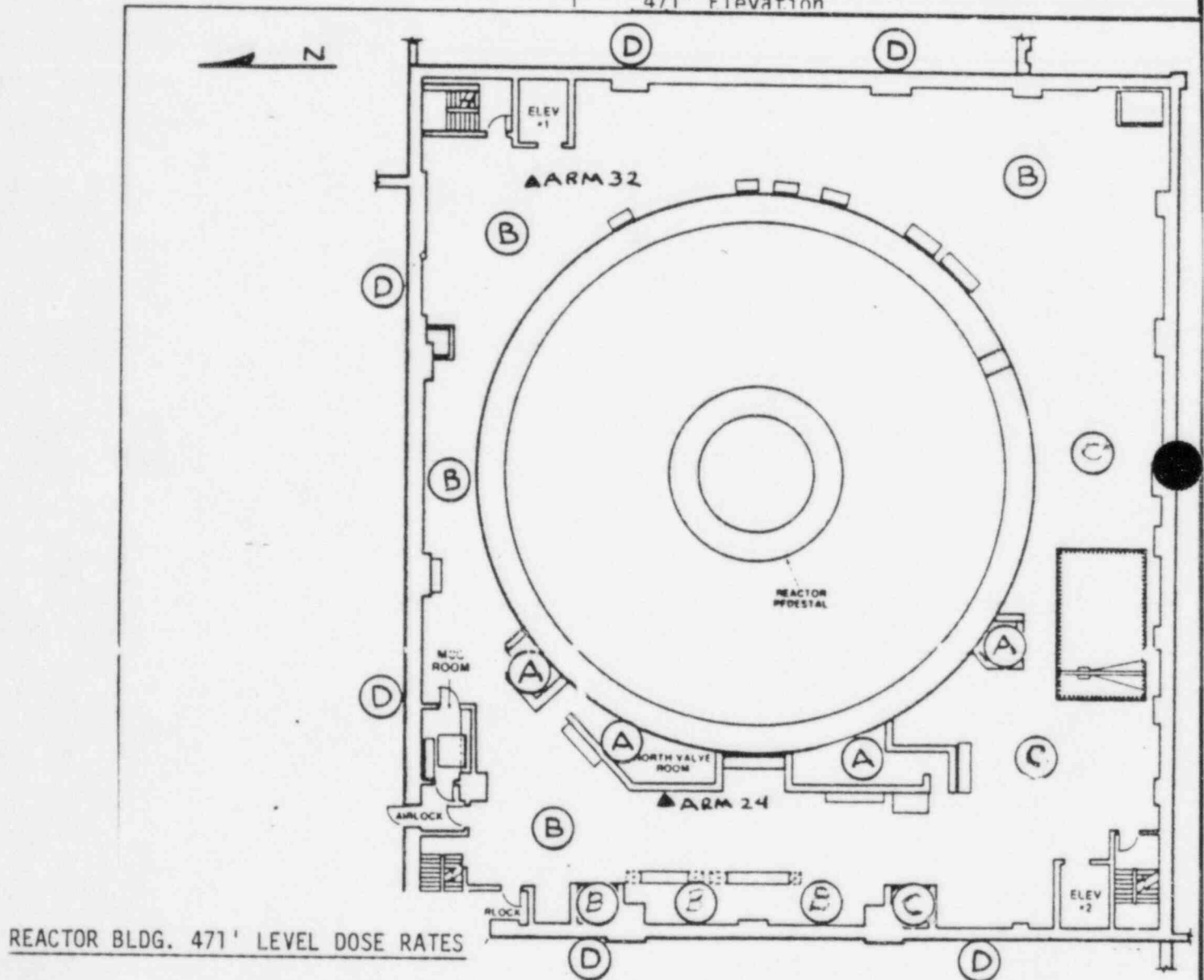
		A	B	C	D	E
0600	0930	15	15	15	5	15
0930	1030	150	5R/hr	20	70	15
1030	1130	100	1R/hr	25	100	15
1130	1230	200	100	20	200	20
1230	1330	100	50	15	70	10R/hr
1330	1500	50	30	15	15	10R/hr



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SHEET NO. 38	RESPONSIBLE CONTROLLER (LOCATION) OSC With In-Plant Teams		
VALID FOR TIMES OF: REAL TIME 0530 <input type="checkbox"/> AM TO 1430 <input type="checkbox"/> AM <input type="checkbox"/> PM		DRILL TIME 0 HOURS TO 9 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO In-Plant Dose Rates For Reactor Building 471' Elevation	



		A	B	C	D
0600	0930	15	15	15	0.1
0930	1030	100	30	20	1
1030	1130	500	500	25	3
1130	1230	1R/hr	100	30	5
1230	1330	5R/hr	200	500	10
1330	1500	50R/hr	100	500	15



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RESPONSIBLE CONTROLLER (LOCATION)

OSC With In-Plant Teams

VALID FOR TIMES OF:

☐ AM☐ PM

TO

1430

☐ AM☐ PM

DRILL TIME 0

HOURS

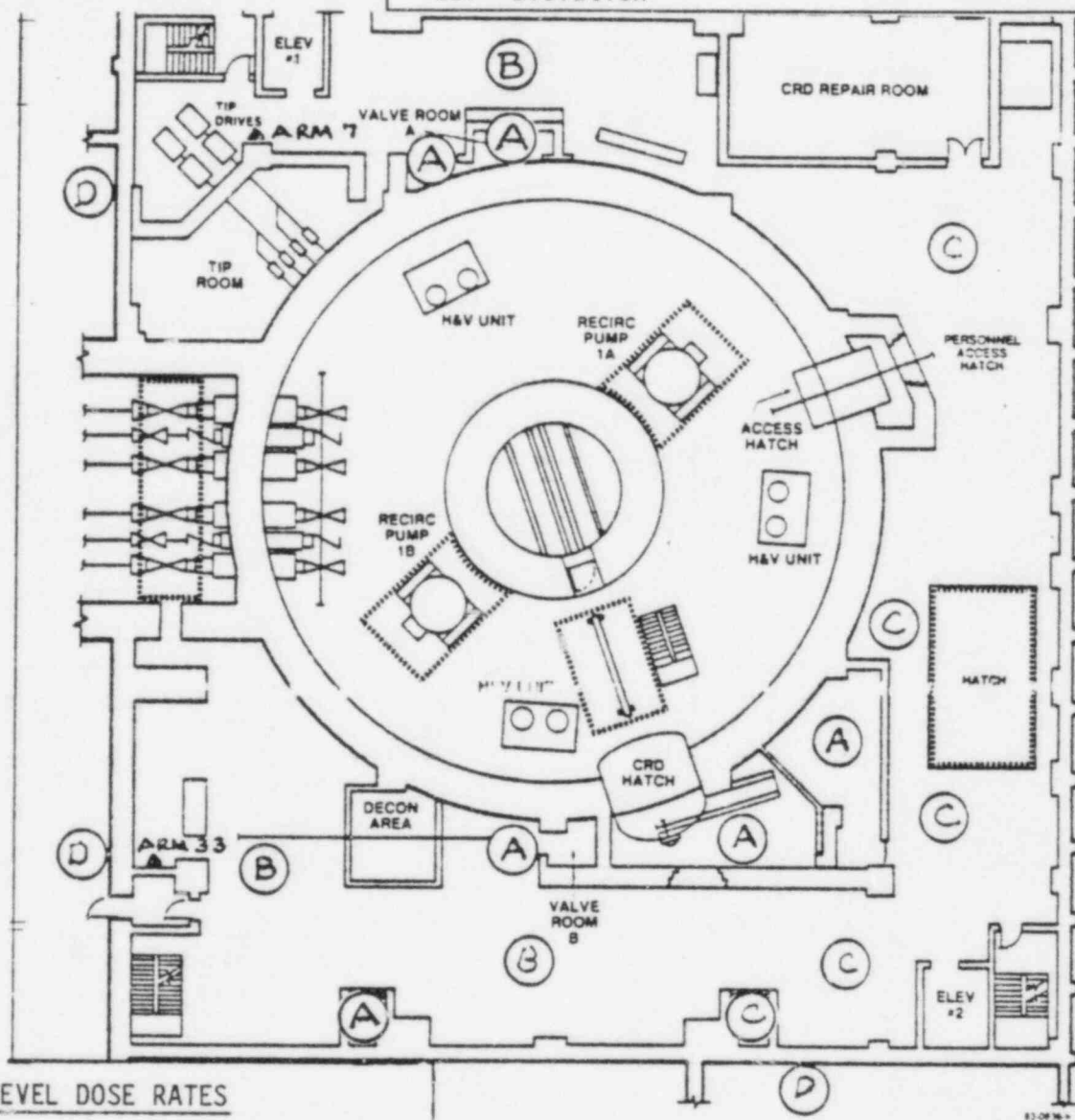
TO

9

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

In-Plant Dose Rates For Reactor Building
501' Elevation

REACTOR BLDG. 501' LEVEL DOSE RATES

		A	B	C	D
0600	0930	15	5	3	.1
0930	1030	75	50	15	.5
1030	1130	500	200	25	1
1130	1230	300	50	35	2
230	1330	1R/hr	50	200	5
1330	1500	5R/hr	30	500	7



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RESPONSIBLE CONTROLLER (LOCATION)

OSC With In-Plant Teams

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME

0530

☐ PM

TO

1430

☐ PM

DRILL TIME

0

HOURS

TO

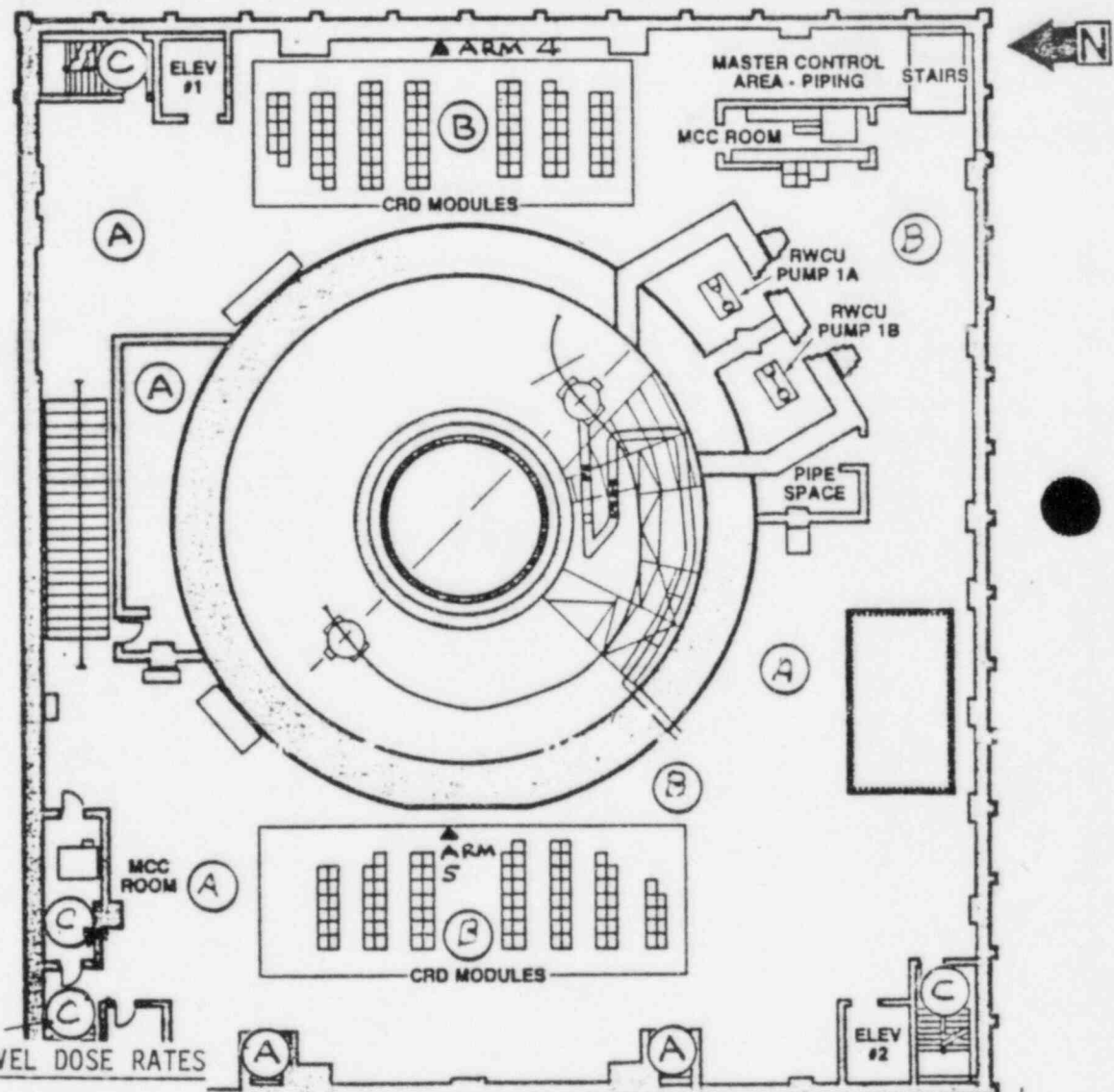
9

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

In-Plant Dose Rates For Reactor Building
522' Elevation



REACTOR BLDG. 522' LEVEL DOSE RATES

		A	B	C
0600	0930	15	15	.1
0930	1030	100	20	.5
1030	1130	75	25	1
1130	1230	200	50	2
1230	1330	100	100	5
1330	1500	50	50	5



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OSC With In-Plant Teams

VALID FOR TIMES OF:

☐ AM

TO

1430

☐ AM

☐ PM

DRILL TIME 0

HOURS TO

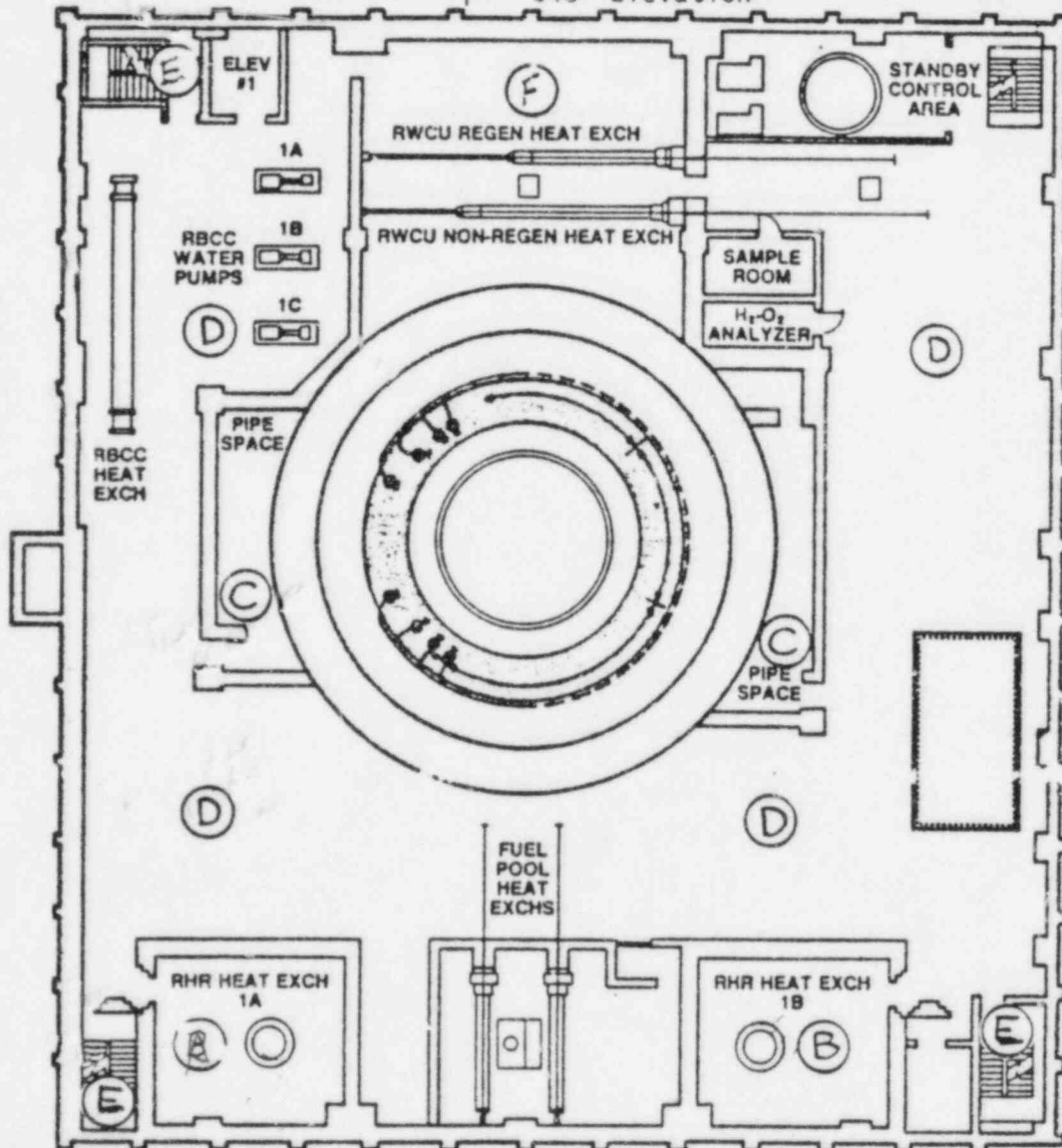
9

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

In-Plant Dose Rates For Reactor Building
548' Elevation



REACTOR BLDG. 548' LEVEL DOSE RATES

		A	B	C	D	E	F
0600	0930	5	5	15	15	.1	4R/hr
0930	1030	200	10	25	20	.5	50R/hr
1030	1130	100	15	150	25	1	100R/hr
1130	1230	100	25	175	50	2	75R/hr
1230	1330	75	5R/hr	250	75	5	20R/hr
1330	1500	50	15R/hr	500	50	2	500



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RESPONSIBLE CONTROLLER (LOCATION)

OSC With In-Plant Teams

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME

0530

☐ PM

TO

1430

☐ PM

DRILL TIME

0

HOURS

TO

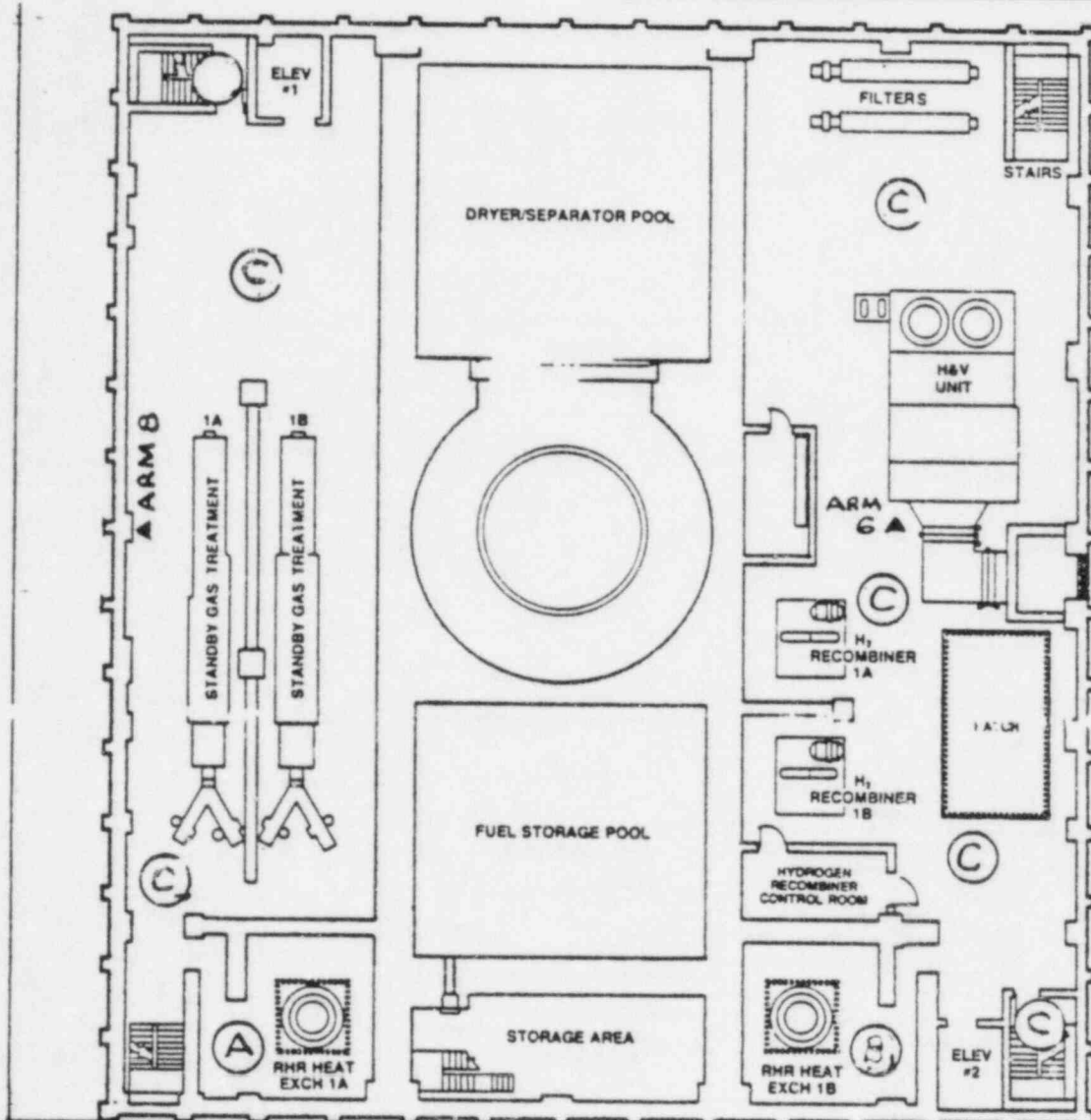
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HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

In-Plant Dose Rates For Reactor Building
572' Elevation

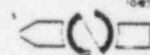


REACTOR BLDG. 572' LEVEL DOSE RATES

		A	B	C
0600	0930	5	5	2
0930	1030	200	10	2
1030	1130	100	15	3
1130	1230	75	20	5
1230	1330	50	5R/hr	10
1330	1500	20	5R/hr	15

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10-87





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RESPONSIBLE CONTROLLER (LOCATION)

OSC With In-Plant Teams

VALID FOR TIMES OF

☐ AM

TO

1430

☐ AM☐ PM

DRILL TIME

0

HOURS

TO

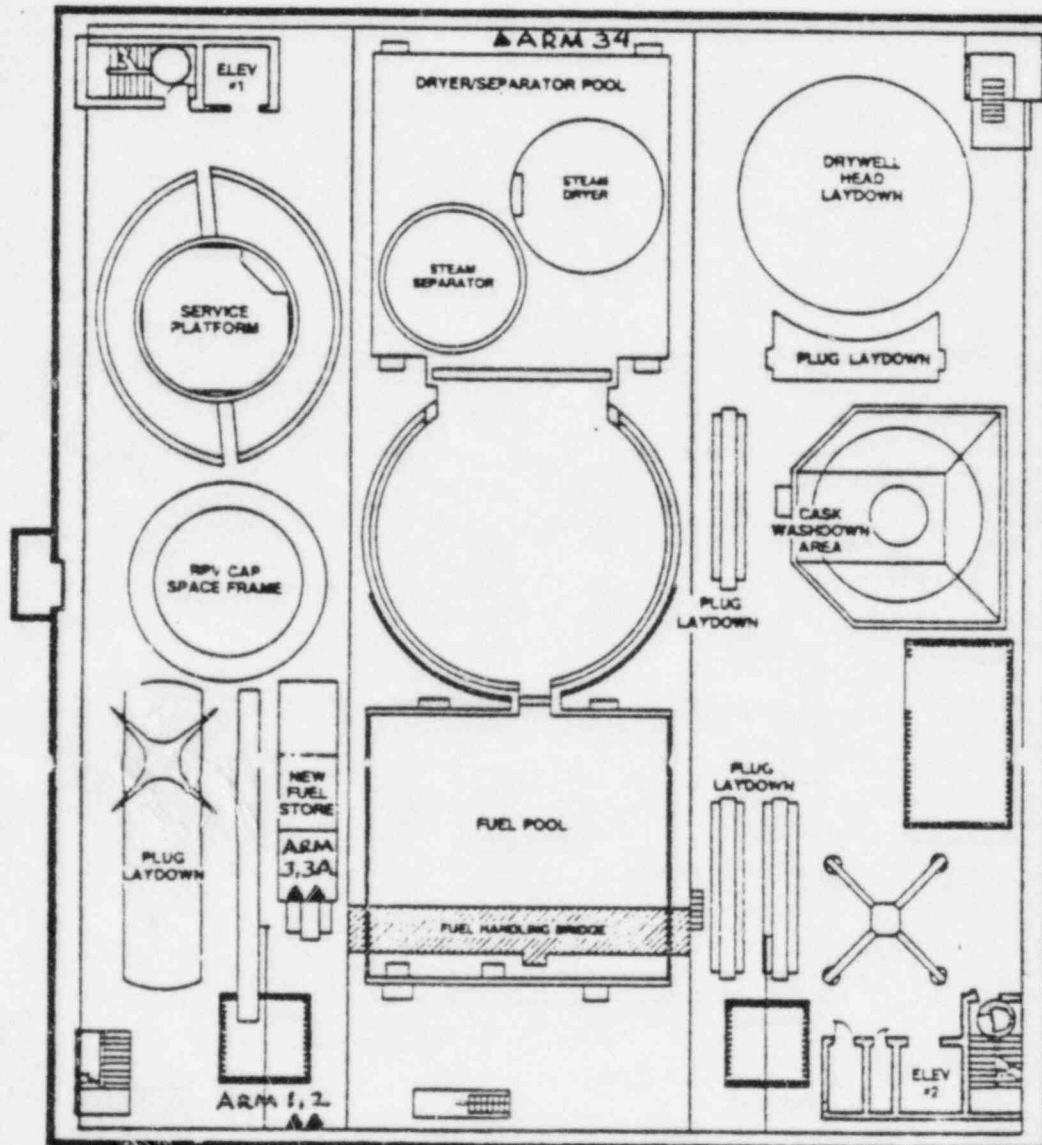
9

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

In-Plant Dose Rates For Reactor Building
606' Elevation



REACTOR BLDG. 606' LEVEL DOSE RATES

ALL AREAS REMAIN CONSTANT THROUGHOUT
EXERCISE AT 2.0 mR/hr

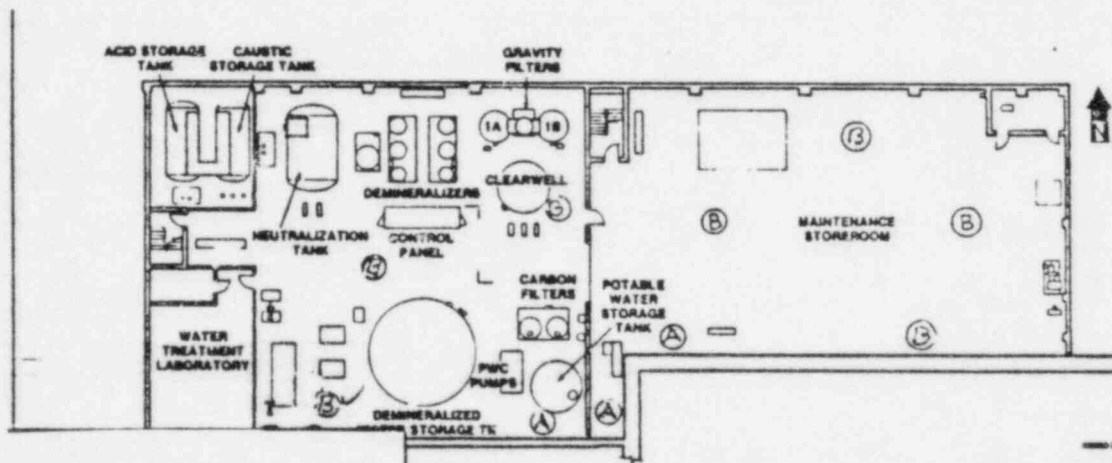
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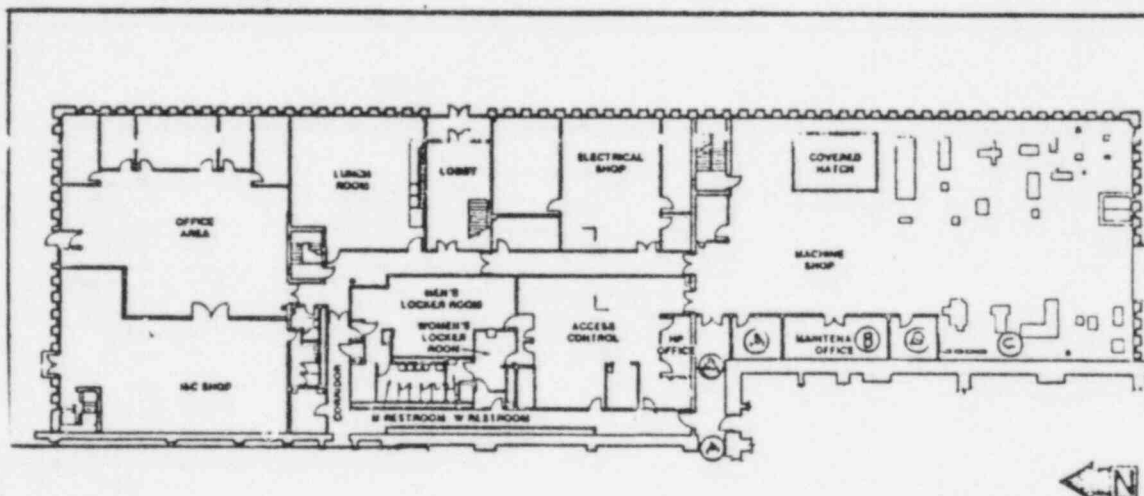
SHEET NO. 44 RESPONSIBLE CONTROLLER (LOCATION) OSC With In-Plant Teams

VALID FOR TIMES OF: ☐ AM TO ☐ AM
REAL TIME 0530 ☐ PM TO 1430 ☐ PM DRILL TIME 0 HOURS TO 9 HOURS

ASSOCIATED WITH MESSAGES INFORMATION APPLIES TO
In-Plant Dose Rates For Service Building
420', 441', and 456' Elevation Elevation



420' LEVEL SERVICE BLDG. DOSE RATES 0600-1500
ALL READINGS AT ALL TIMES ARE 0.1mR/hr EXCEPT
FOR THE FOLLOWING 9:30-10:30 VALUES:
(A) 5mR/hr (B) 1mR/hr



441' LEVEL SERVICE BLDG. DOSE RATES 0600-1500
ALL READINGS AT ALL TIMES ARE 0.1 mR/hr EXCEPT
FOR THE FOLLOWING 9:30-10:30 VALUES:
A 5mR/hr
B 0.5mR/hr

456' LEVEL SERVICE BLDG. DOSE RATES 0600-1500
ALL READINGS AT ALL TIMES ARE 0.1mR/hr



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RESPONSIBLE CONTROLLER (LOCATION)

OSC With In-Plant Teams

VALID FOR TIMES OF:

☐ AM

TO

1430

☐ AM☐ PM

REAL TIME

0530

☐ PM

DRILL TIME

0

HOURS

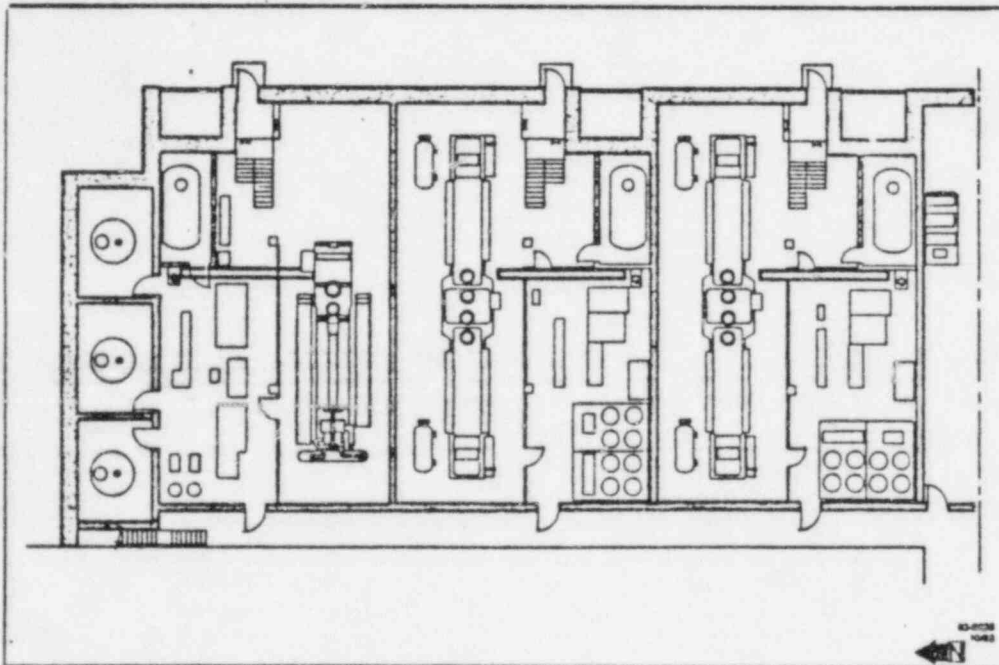
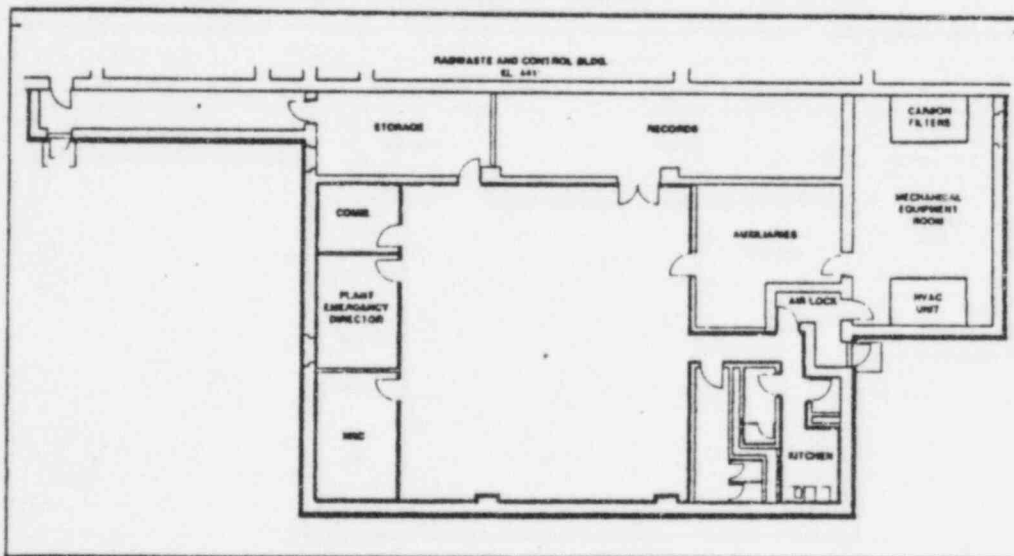
TO

9

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

In-Plant Dose Rates For Diesel Generator
Building 441' Elevation and TSC 441'
Elevation441' LEVEL DGB DOSE RATES 0600-1500
ALL READINGS AT ALL TIMES ARE 0.1mR/hr441' LEVEL TSC DOSE RATES 0600-1500
ALL READINGS AT ALL TIMES ARE 0.1 mR/hr



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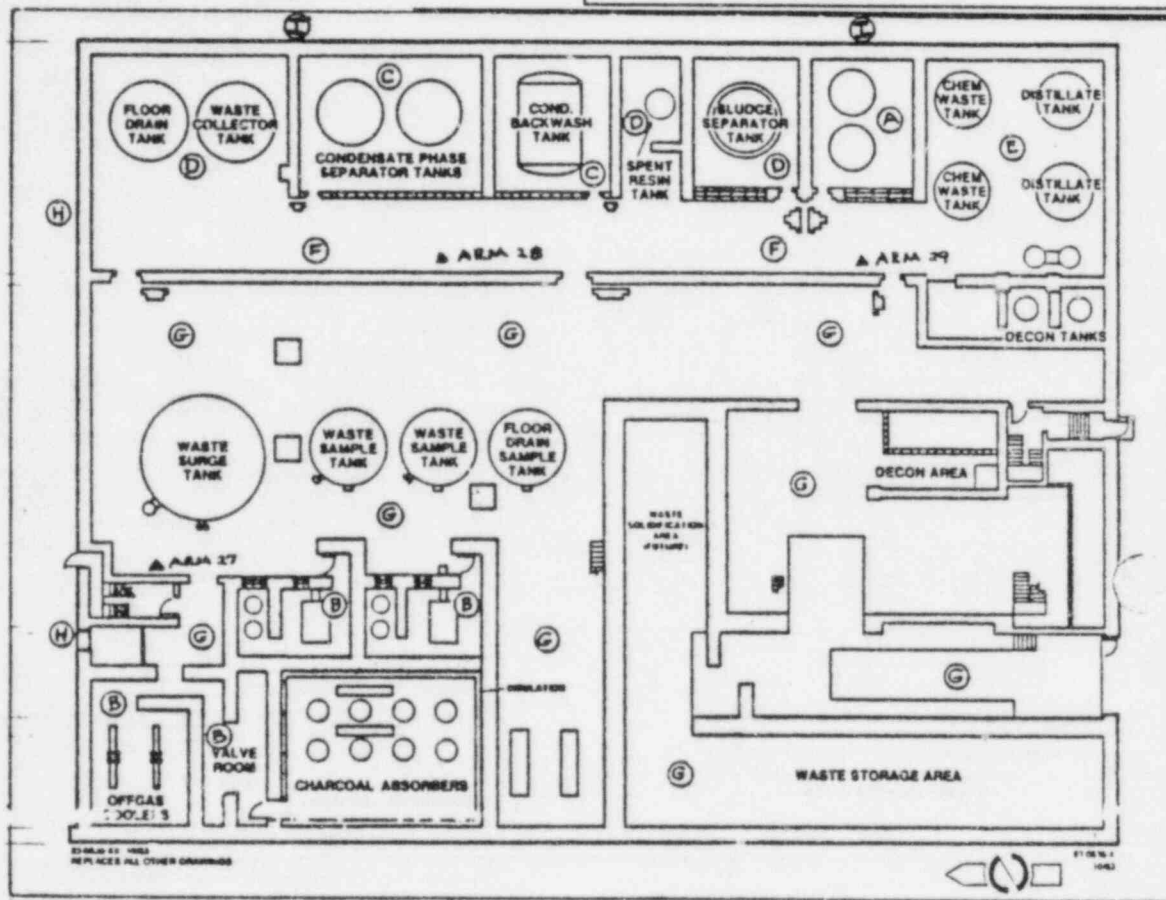
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SHEET NO. 46 RESPONSIBLE CONTROLLER (LOCATION) OSC With In-Plant Teams

VALID FOR TIMES OF: ☐ AM TO ☐ AM
REAL TIME 0530 PM TO 1430 ☐ PM DRILL TIME 0 HOURS TO 9 HOURS

ASSOCIATED WITH MESSAGES INFORMATION APPLIES TO

In-Plant Dose Rates For Radwaste Building
437' Elevation



437' LEVEL RADWASTE BLDG. DOSE RATES 0600-1500
(ALL READINGS mR/hr UNLESS OTHERWISE INDICATED)

ROOM KEY	A	B	C	D	E	F	G	H
DOSE RATE	20 R/hr	3R/hr	1R/hr	200	50	20	3	0.1

I 6:00-9:30 0.1 mR/hr
I 9:30-11:30 5 mR/hr
I 11:30-12:30 1 mR/hr

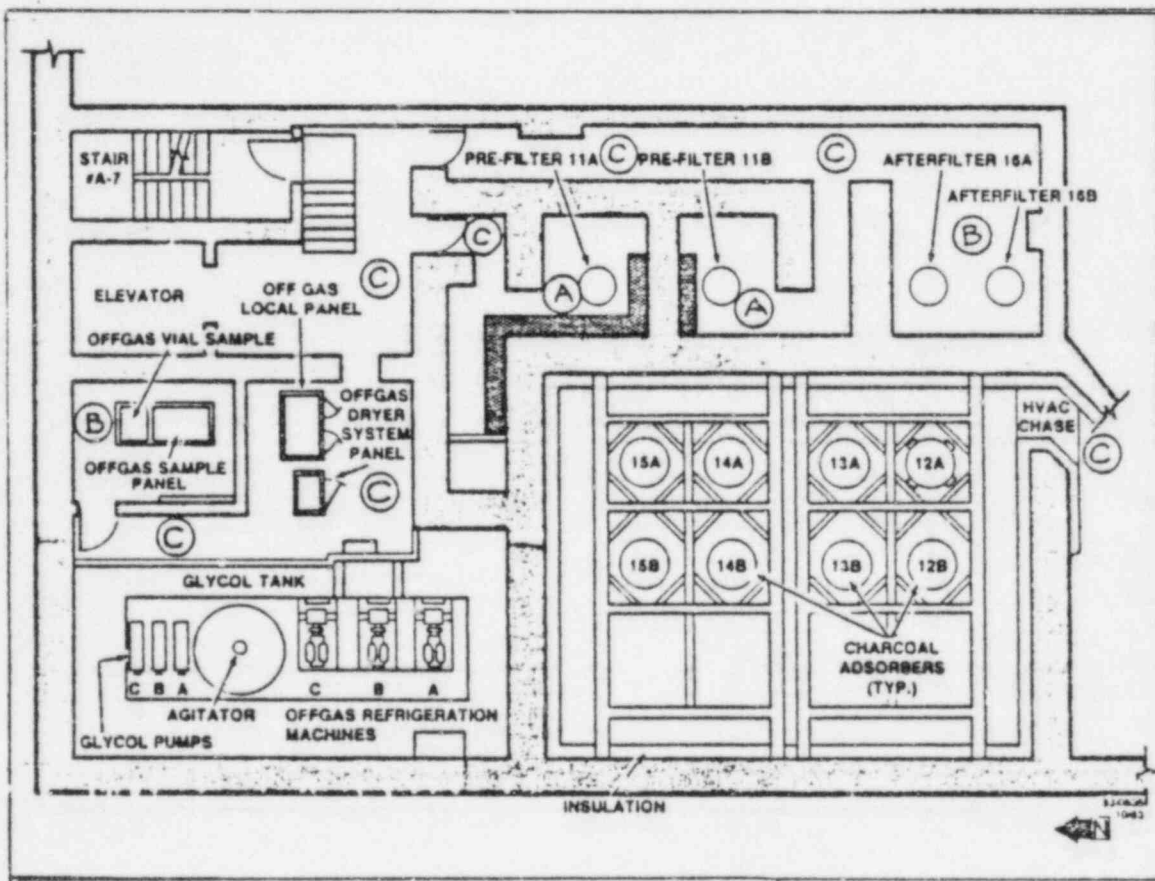


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L NO. 1985 EMERGENCY EXERCISE		PAGE ____ of ____	
SHEET NO. 47	RESPONSIBLE CONTROLLER (LOCATION) OSC With In-Plant Teams		
VALID FOR TIMES OF: REAL TIME 0530 <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1430 <input type="checkbox"/> AM <input type="checkbox"/> PM		DRILL TIME 0 HOURS TO 9 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO In-Plant Dose Rates For Radwaste Building 452' Elevation	



452' LEVEL RADWASTE BLDG. DOSE RATES 0600-1500
(ALL READINGS mR/hr UNLESS OTHERWISE INDICATED)

ROOM KEY	A	B	C
DOSE RATE	3 R/hr	15	2



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RESPONSIBLE CONTROLLER (LOCATION)

OSC With In-Plant Teams

VALID FOR TIMES OF:

☐ AM☐ PM

0530

TO

1430

☐ AM☐ PM

DRILL TIME

0

HOURS

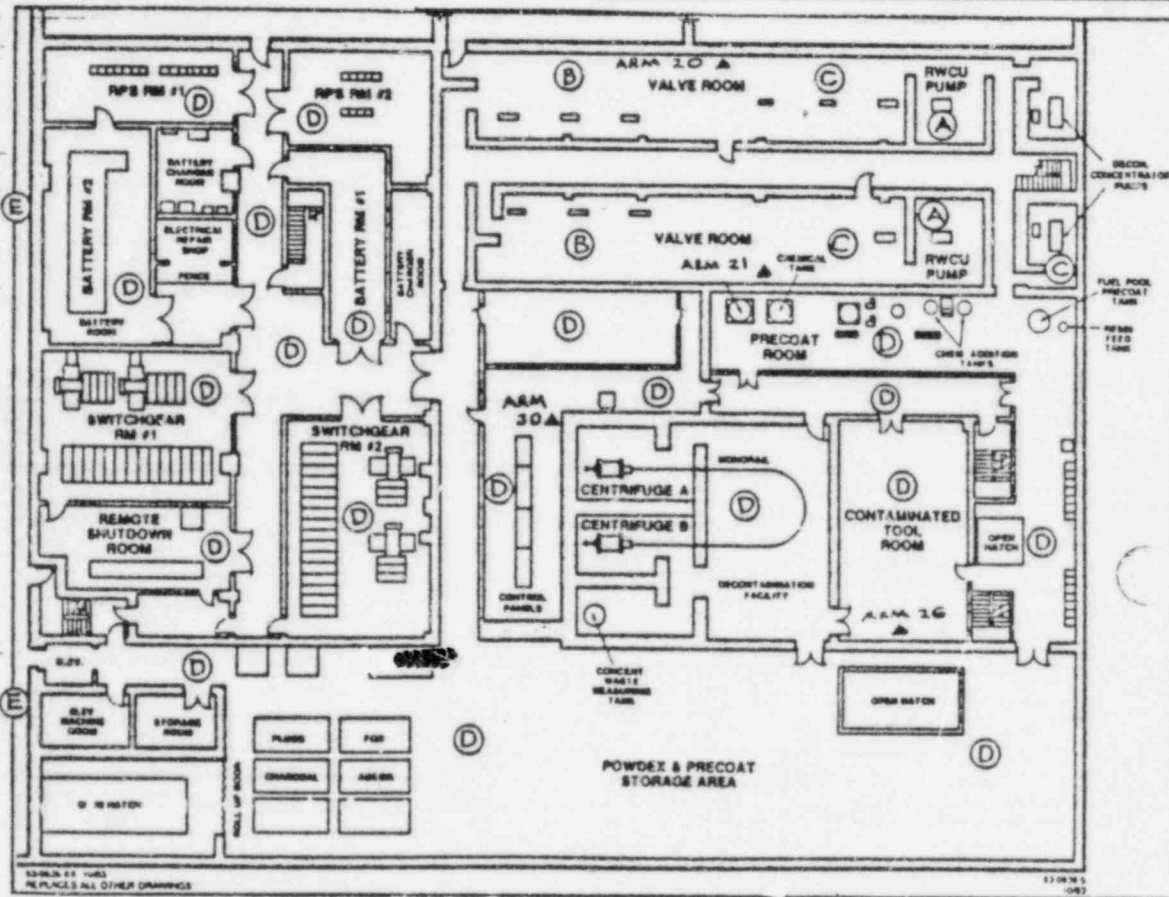
TO

9

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

In-Plant Dose Rates For Radwaste Building
467' Elevation467' LEVEL RADWASTE BLDG. DOSE RATES 0600-1500
(ALL READINGS mR/hr UNLESS OTHERWISE INDICATED)

ROOM KEY	A	B	C	D	E
DOSE RATE	2R/hr	200	75	2	0.1



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RESPONSIBLE CONTROLLER (LOCATION)

OSC With In-Plant Teams

VALID FOR TIMES OF:

☐ AM

PM

0530

1430

☐ AM☐ PM

DRILL TIME

0

HOURS

TO

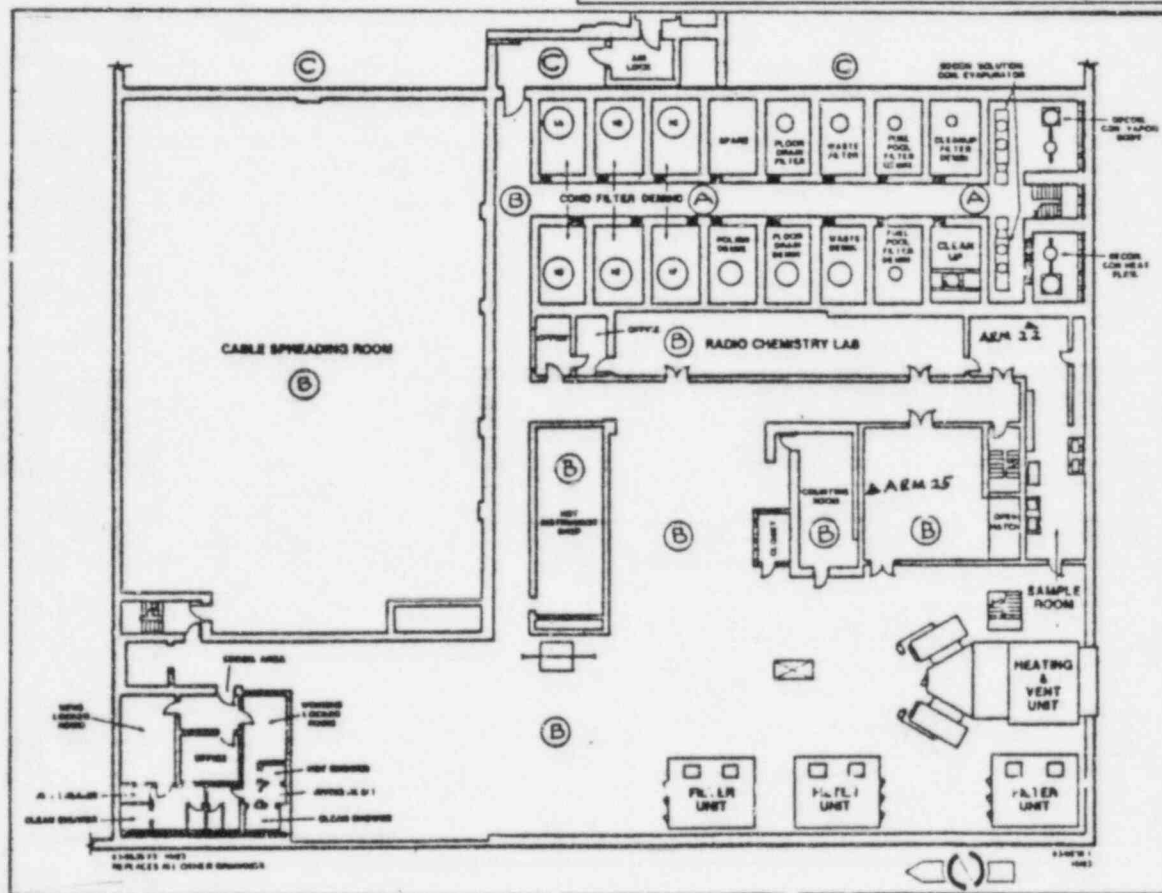
9

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

In-Plant Dose Rates For Radwaste Building
487' Elevation



487' LEVEL RADWASTE BLDG. DOSE RATES 0600-1500
(ALL READINGS mR/hr UNLESS OTHERWISE INDICATED)

ROOM KEY	A	B	C (0600-0930)	C (0930-1500)
DOSE RATE	3.0	0.1	0.1	5.0

*NOTE: FREE PLAY SAMPLE ROOMS

For primary coolant sample taken after 0815, unshielded and undiluted 10cc sample vial will read approximately 400 R/hr at 2 inches from center. Shielded in 3 inch lead pig vial will read approximately 600 mR/hr at 4 inches from center and approximately 60 mR/hr at one foot from center. Dilution will reduce dose rates proportionally, (10 to 1 dilution will reduce unshielded dose rate to 40 R/hr, etc.).



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RESPONSIBLE CONTROLLER (LOCATION)

OSC With In-Plant Teams

VALID FOR TIMES OF:

☐ AM☐ PM

TO

1430

☐ AM☐ PM

DRILL TIME

0

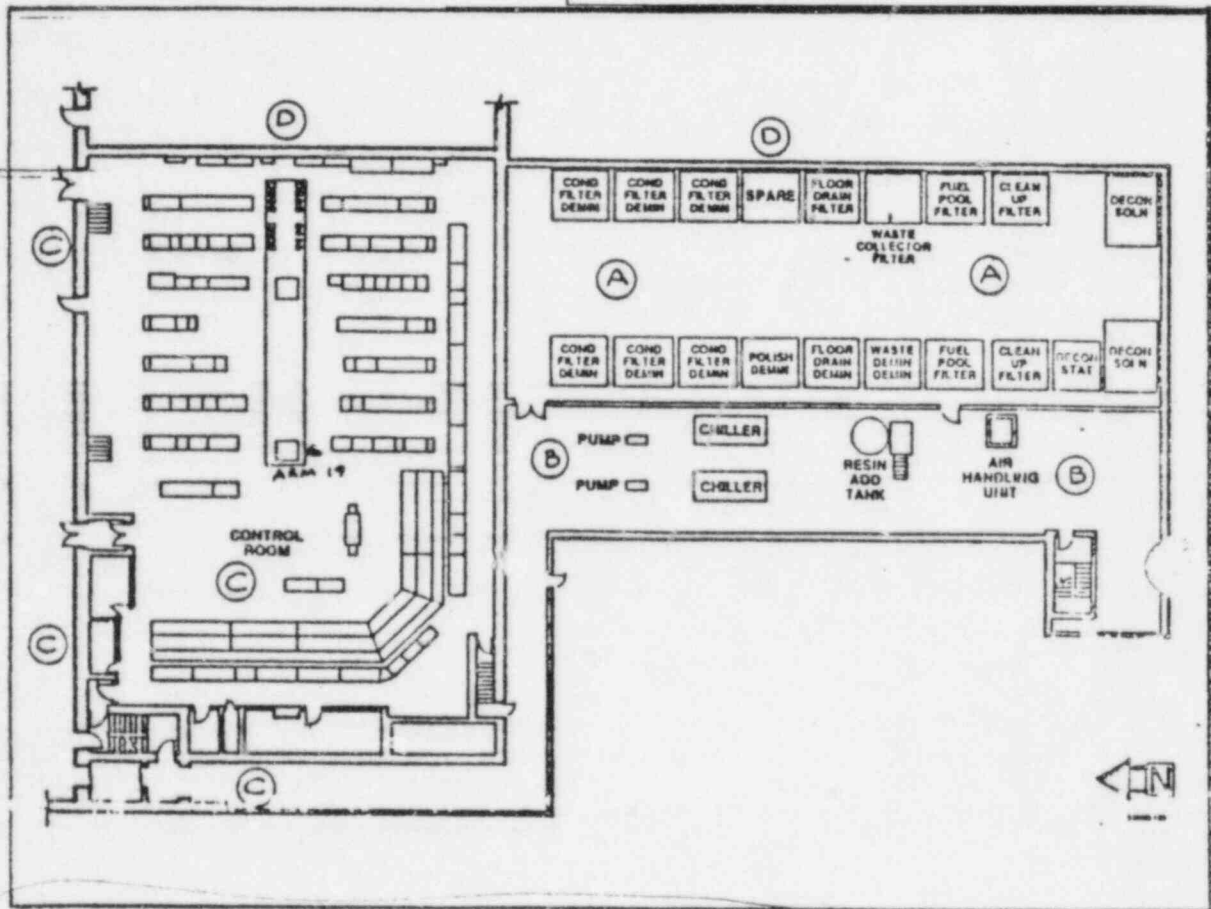
HOURS TO

9

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

In-Plant Dose Rates For Radwaste Building
501' Elevation501' LEVEL RADWASTE BLDG. DOSE RATES 0600-1500
(ALL READINGS mR/hr UNLESS OTHERWISE INDICATED)

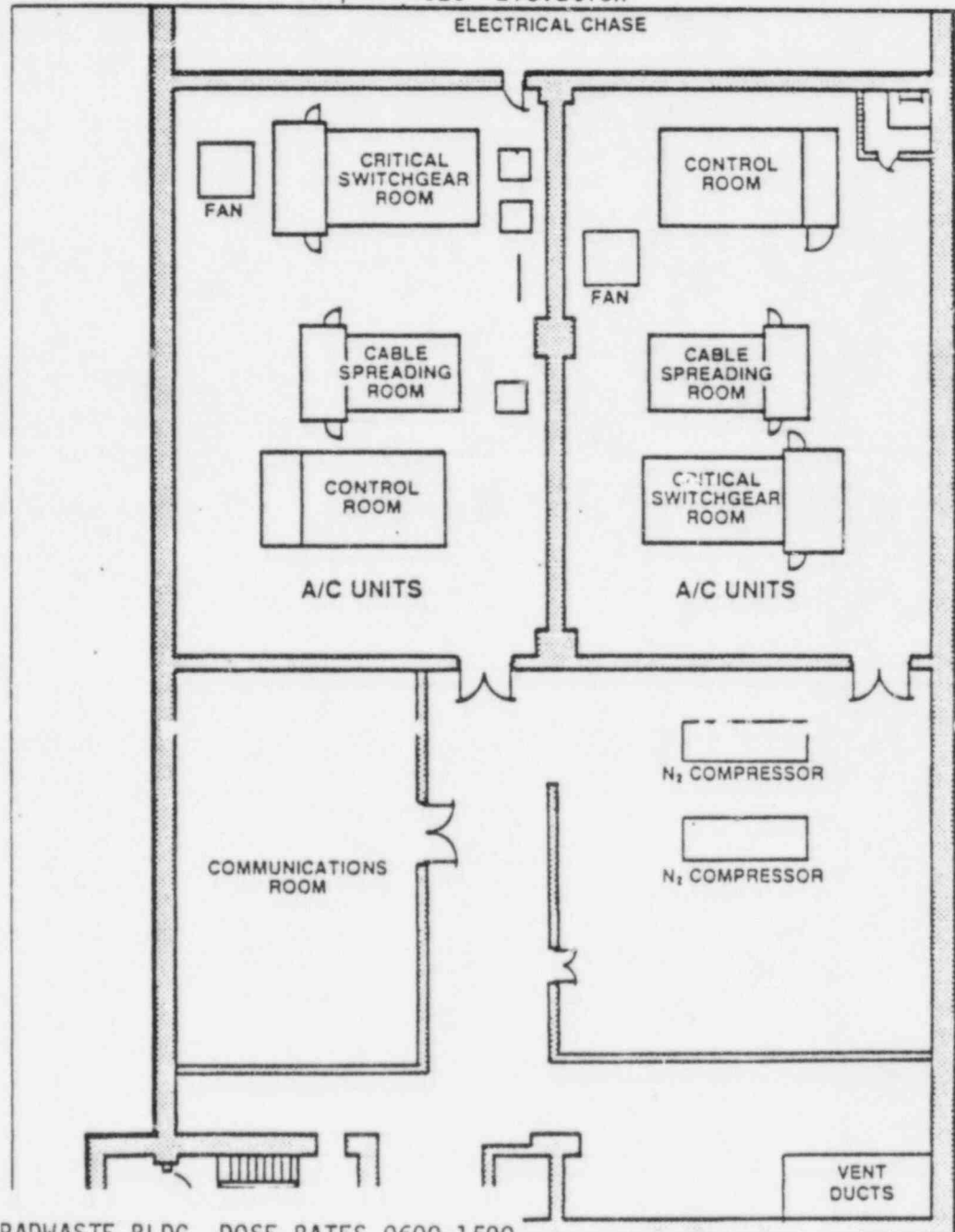
ROOM KEY	A	B	C (0600-0930)	D (0930-1500)
DOSE RATE	3.0	1.0	0.1	5.0



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SHEET NO. 51	RESPONSIBLE CONTROLLER (LOCATION) OSC With In-Plant Teams		
VALID FOR TIMES OF: REAL TIME 0530 <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1430 <input type="checkbox"/> AM <input type="checkbox"/> PM		DRILL TIME 0 HOURS TO 9 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO In-Plant Dose Rates For Radwaste Building 525' Elevation	



525' LEVEL RADWASTE BLDG. DOSE RATES 0600-1500
ALL AREAS AT ALL TIMES ARE 0.1 mR/hr



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10/83



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SHEET NO. 52	RESPONSIBLE CONTROLLER (LOCATION) Control Room		
VALID FOR TIMES OF: REAL TIME 0530 <input type="checkbox"/> AM TO 1430 <input type="checkbox"/> AM <input type="checkbox"/> PM <input type="checkbox"/> PM		DRILL TIME 0 HOURS TO 9 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO Isotopic Sample Results Vs. Time	

1. Primary Coolant Sample Results can be obtained directly from the following sheets for the nuclides listed below as a function of time.
 1. I-131
 2. I-132
 3. I-133
 4. I-134
 5. I-135
 6. SR-92
 7. Tc-101
 8. Cs-134
 9. Cs-137
2. Primary steam sample results can be obtained by dividing the values found by 100 for the iodines and 1000 for the other nuclides (Sr, Tc, Cs)
3. Suppression pool concentrations can be estimated using a 5 hour delay time (that is, sample results taken at 15:00 can be read from the curves for a time of 10:00, etc.)



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53

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM

TO

1430

☐ AM☐ PM

REAL TIME 0600

☐ PM

DRILL TIME

0030

HOURS

TO

9

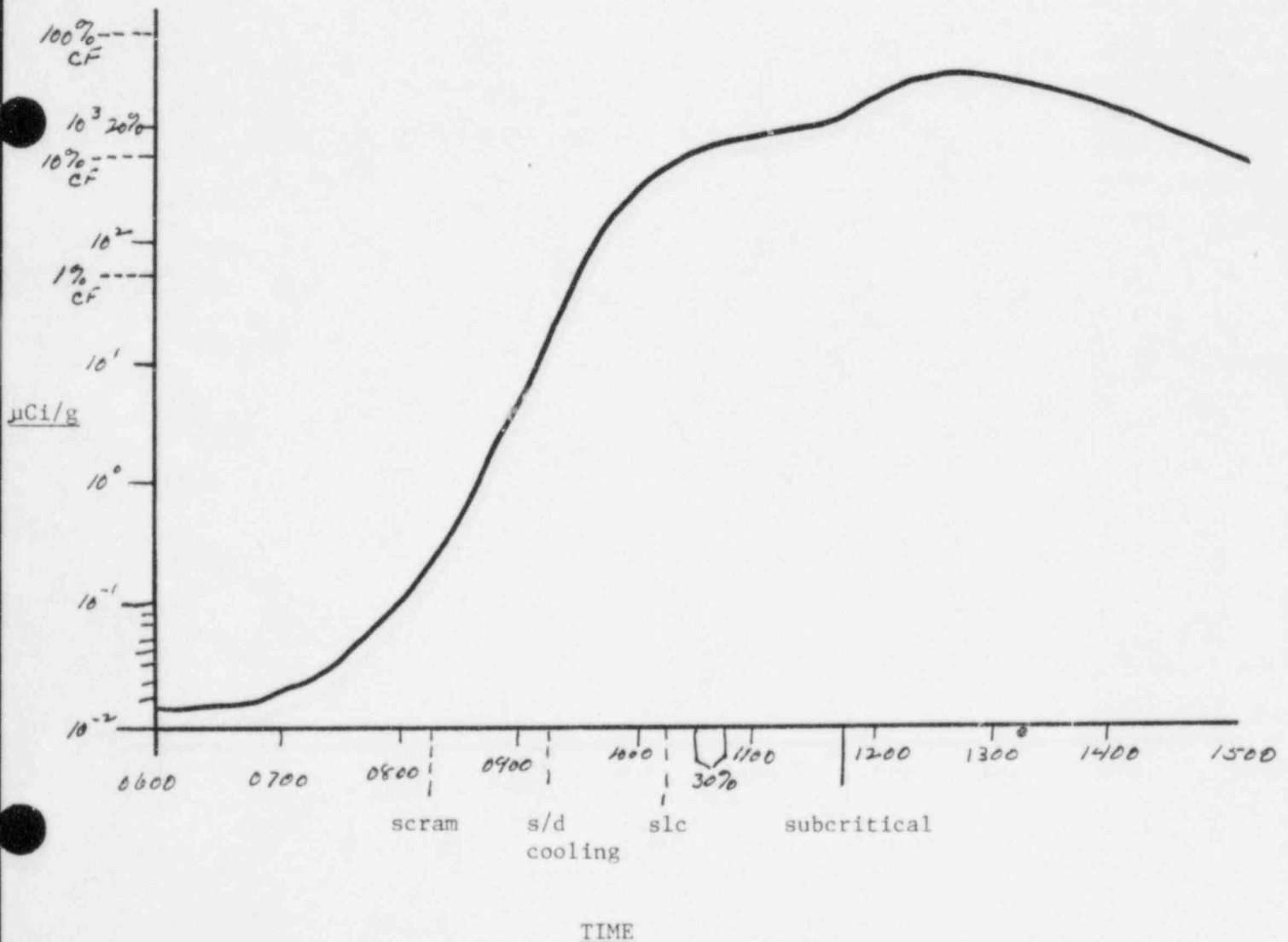
HOURS

ASSOCIATED WITH MESSAGES

17

INFORMATION APPLIES TO

Reactor Water Concentration I-131





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54

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 0600

☐ PM

TO

1430

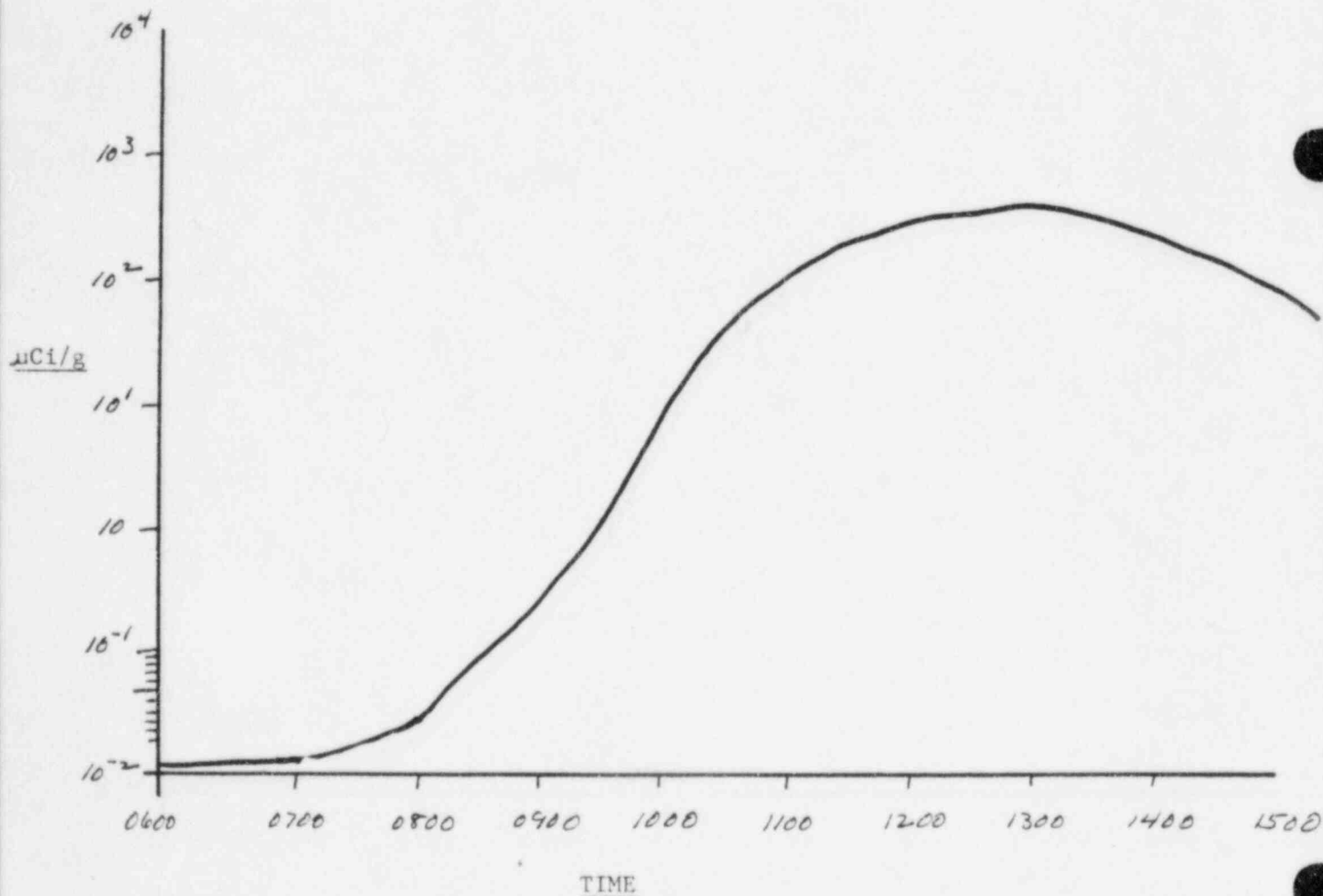
☐ PM

DRILL TIME 0030 HOURS TO 9 HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Reactor Water Concentration I-132





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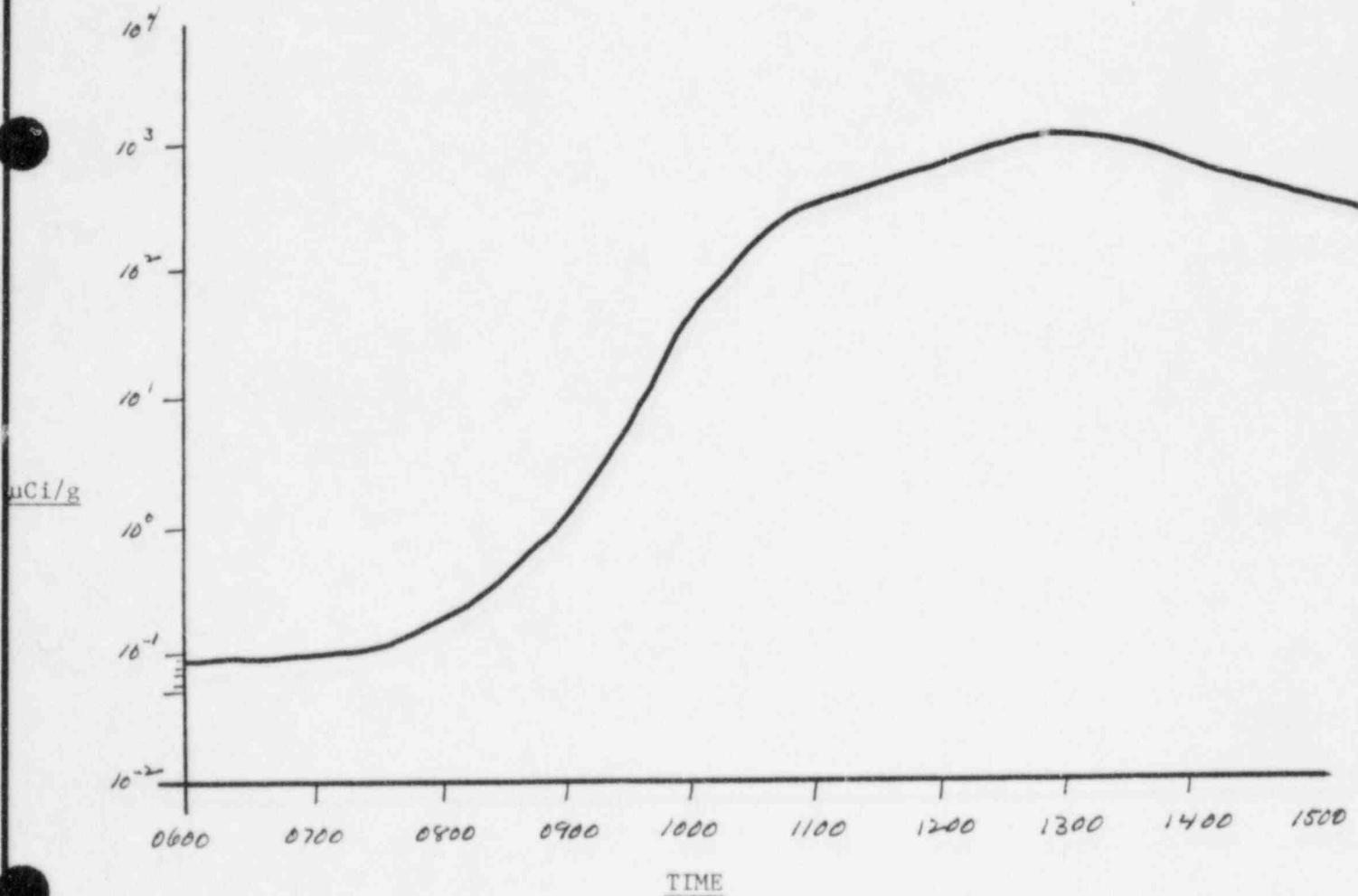
SHEET NO. 55 RESPONSIBLE CONTROLLER (LOCATION)
Control Room

VALID FOR TIMES OF: ☐ AM ☐ PM TO 1430 ☐ AM ☐ PM
REAL TIME 0600 DRILL TIME 0030 HOURS TO 9 HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Reactor Water Concentration I-133





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RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 0600

☐ PM

TO

1430

☐ PM

DRILL TIME 0030

HOURS TO

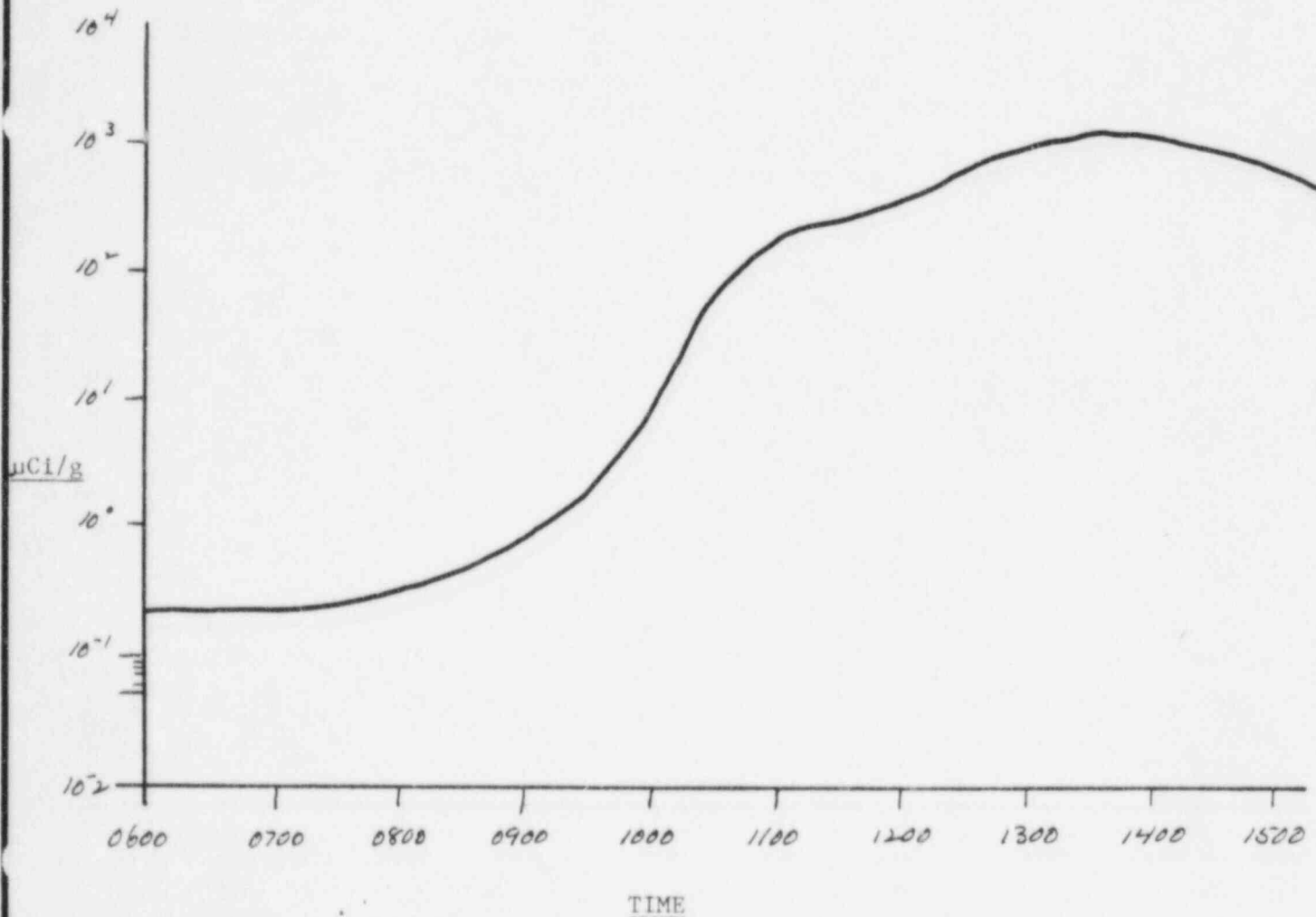
9

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Reactor Water Concentration I-134





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RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM

☐ PM

TO

1430

☐ AM

☐ PM

REAL TIME

0600

DRILL TIME

0030

HOURS

TO

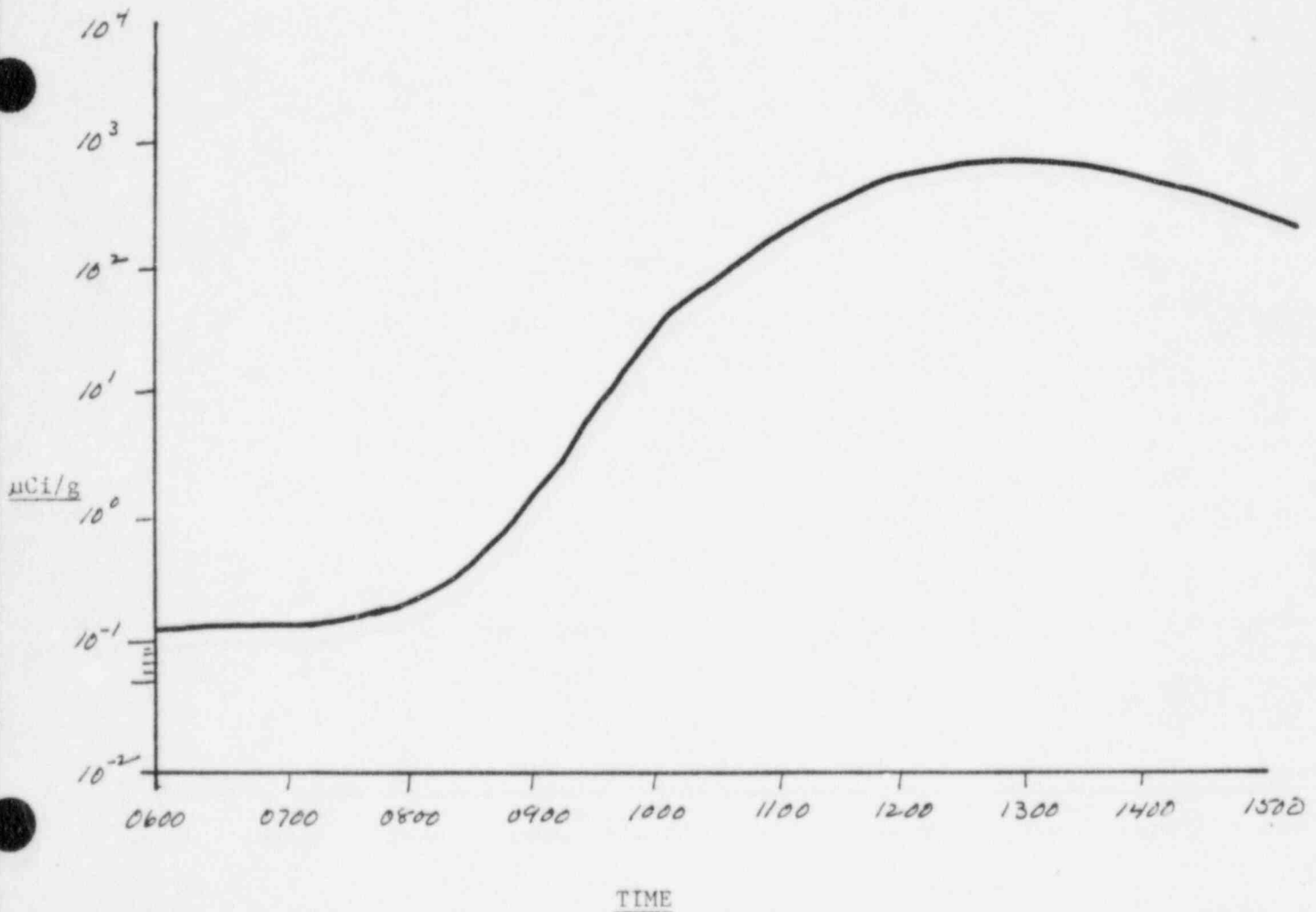
9

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Reactor Water Concentration CS-134

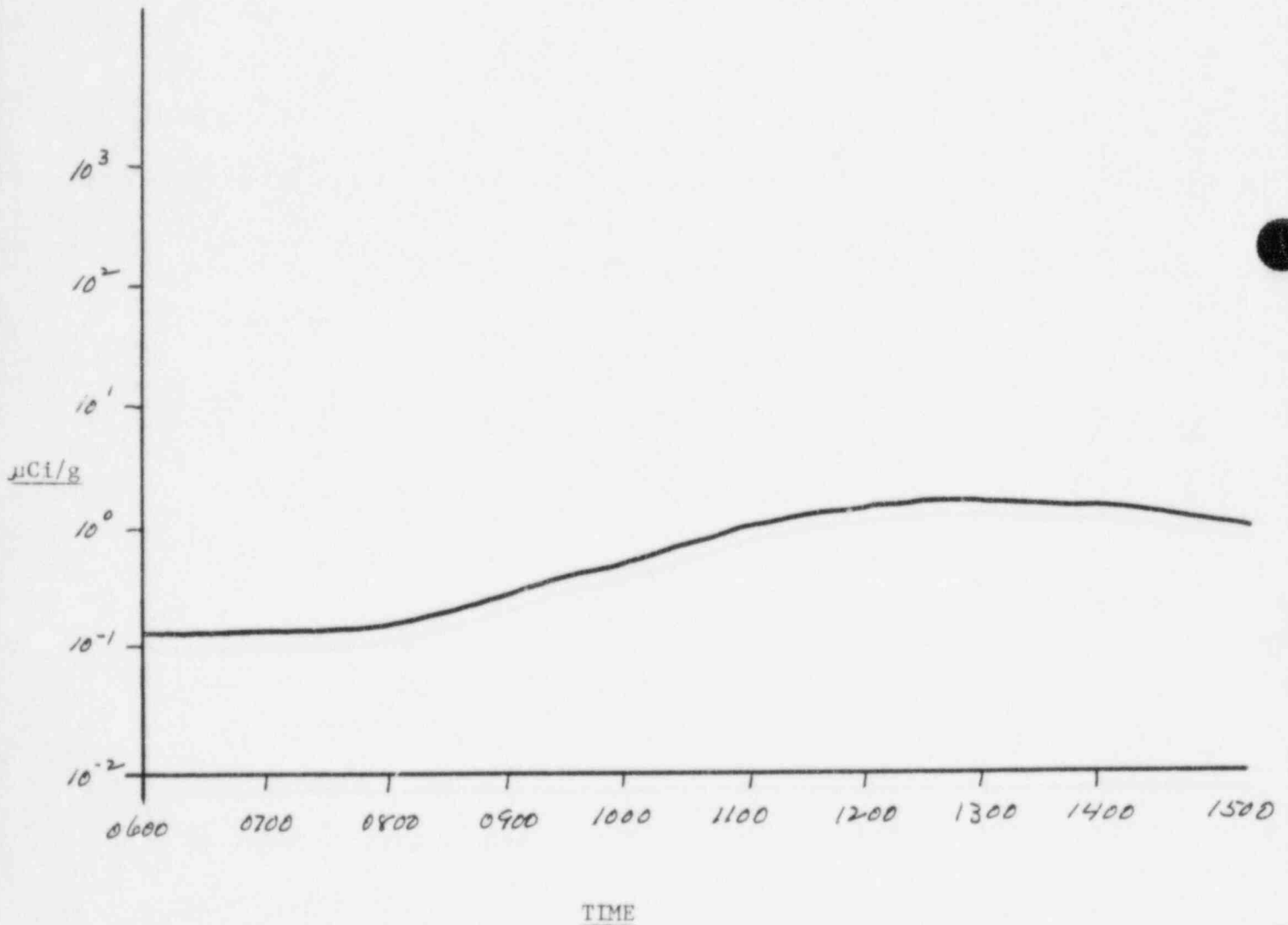




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SHEET NO. 58	RESPONSIBLE CONTROLLER (LOCATION) Control Room		
VALID FOR TIMES OF: REAL TIME 0600		<input type="checkbox"/> AM <input type="checkbox"/> PM	TO 1430 <input type="checkbox"/> AM <input type="checkbox"/> PM
ASSOCIATED WITH MESSAGES		DRILL TIME 0030 HOURS TO 9 HOURS	
		INFORMATION APPLIES TO Reactor Water Concentration TC-101 and SR-92	





WASHINGTON FUEL POWER

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59

RESPONSIBLE CONTROLLER (LOCATION)

Control Room

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 0600

☐ PM

TO

1430

☐ PM

DRILL TIME 0030 HOURS TO

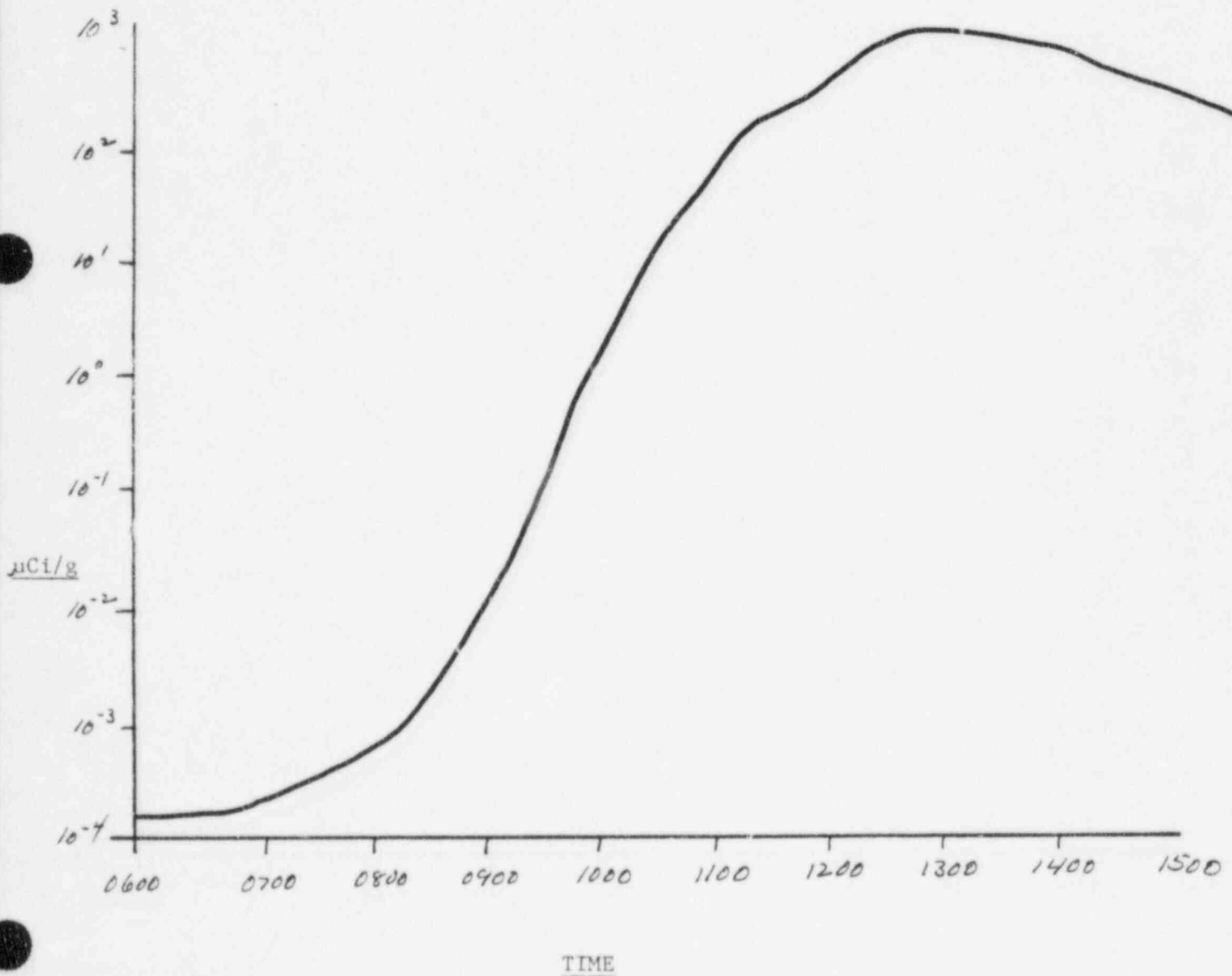
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HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Reactor Water Concentration I-135

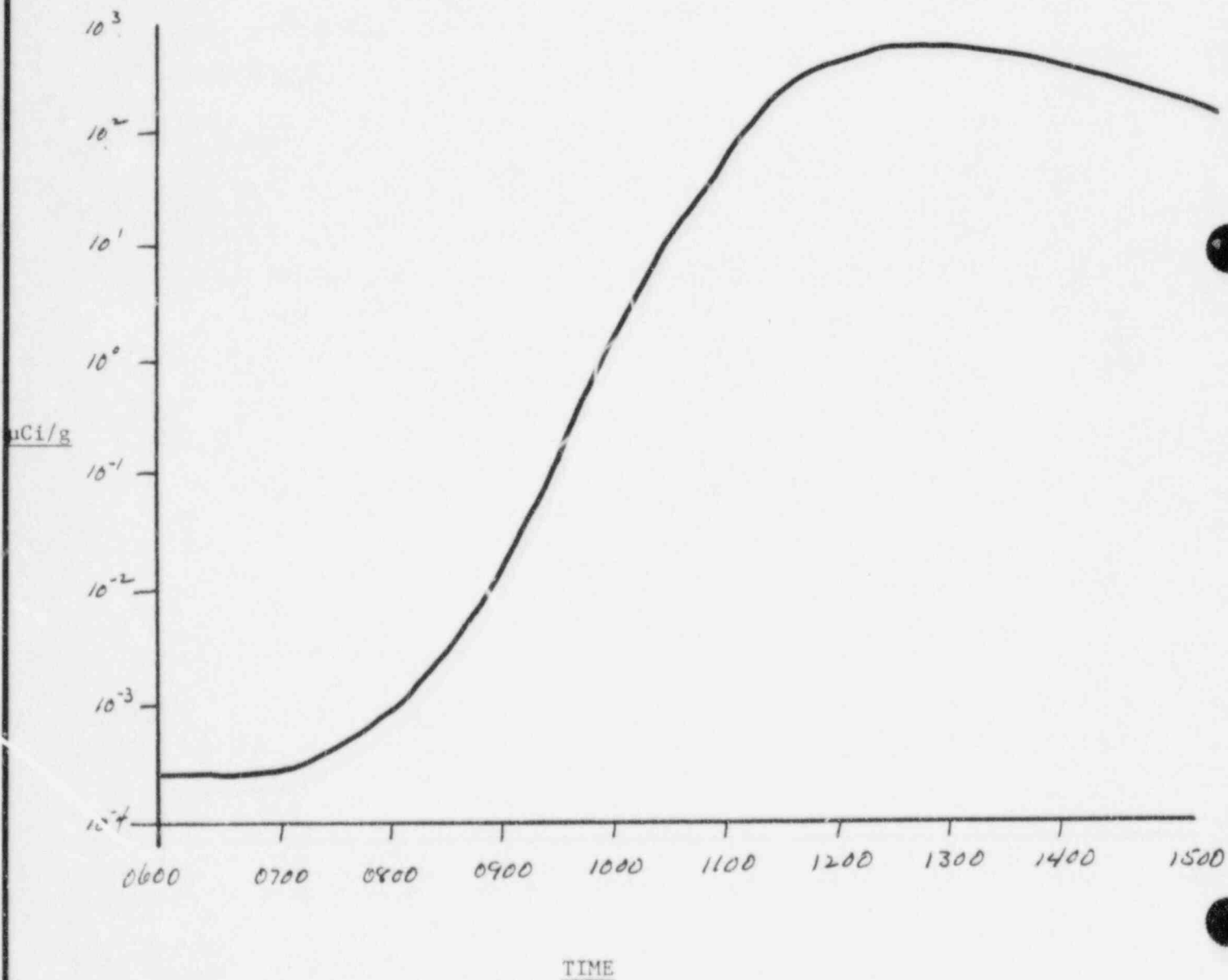




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SHEET NO. 60	RESPONSIBLE CONTROLLER (LOCATION) Control Room		
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM		<input type="checkbox"/> AM <input type="checkbox"/> PM	
REAL TIME 0600 TO 1430		DRILL TIME 0030 HOURS TO 9 HOURS	
ASSOCIATED WITH MESSAGES 17		INFORMATION APPLIES TO Reactor Water Concentration CS-137	





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

DRILL NO.

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of

SHEET NO.

60A

RESPONSIBLE CONTROLLER (LOCATION)

OSC

VALID FOR TIMES OF:

☐ AM

TO

1400

☐ AM☐ PM

DRILL TIME 0030

HOURS TO

0830

HOURS

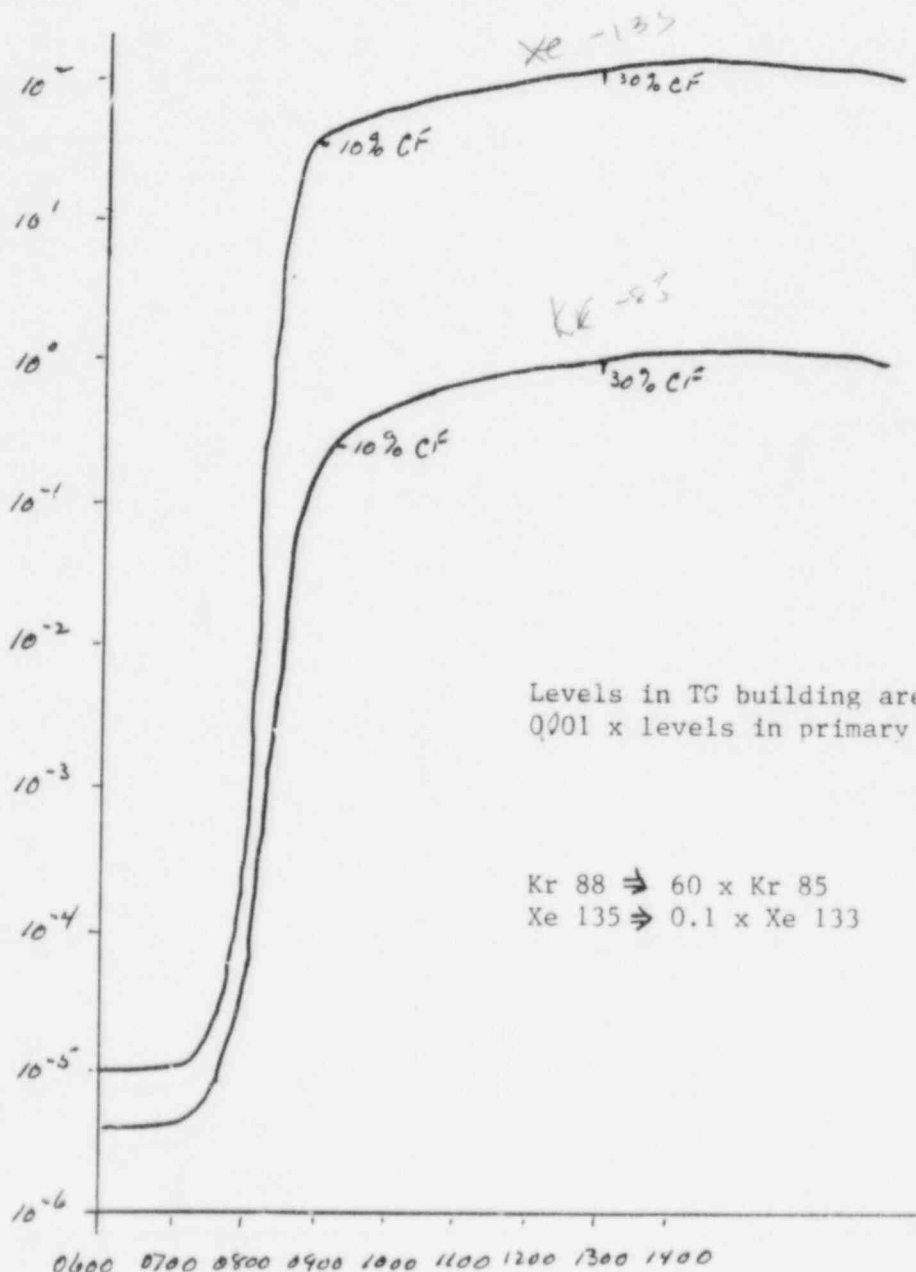
ASSOCIATED WITH MESSAGES

17, 23

INFORMATION APPLIES TO

Drywell/Wetwell Atmosphere
Noble Gas Concentrations

uCi/cc



TIME



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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SHEET NO. 61	RESPONSIBLE CONTROLLER (LOCATION) Control Room/OSC	
VALID FOR TIMES OF: REAL TIME 0530 <input type="checkbox"/> AM TO 1430 <input type="checkbox"/> AM <input type="checkbox"/> PM <input type="checkbox"/> PM		DRILL TIME 0 HOURS TO 9 HOURS
ASSOCIATED WITH MESSAGES 24		INFORMATION APPLIES TO Spray Pond Contamination (Page 1 of 4)

SPRAY POND CONTAMINATION

Shutdown Cooling initiated at 9:15. SSW flow is 9800 gpm each train. "B" Loop inoperative. "A" Loop in Shutdown Cooling Mode. Vessel Pressure 100 psig. Tube leak in RHR Heat Exchanger "A" of 10 gpm. Dilution factor is $\frac{9800\text{-gpm}}{10\text{ gpm}} = 980 \approx 1000$.

Leak is into SSW only while pressure exceeds SSW pressure of ~ 50 psig. Thus, leakage will be from Reactor Water into SSW from 9:15 until 9:45. Shutdown cooling mode will secure at 10:15 when vessel repressurizes above 700 psig. Therefore, 300 gal. of reactor water will leak into ponds. From the Reactor Water Concentration Data Sheets, the following nuclides and concentrations will be involved in the spray pond contamination event. SW-RIS-604 will show radioactivity as shown in following figure.

Nuclide	Half-life	Conc in Rx Water @09:30 (uCi/g)	Conc in Spray (uCi/g)	Airborne Conc Downwind of pond (uCi/cc)
1. I-131	8.07d	50	5×10^{-2}	5.95×10^{-7}
2. I-132	2.28 hr	1.3	1.3×10^{-3}	1.55×10^{-8}
3. I-133	20.8 hr	7.0	7×10^{-3}	8.34×10^{-8}
4. I-134	52.3 min	3.5	3.5×10^{-3}	4.17×10^{-8}
5. I-135	6.7 hr	7.8	7.8×10^{-3}	9.29×10^{-8}
6. TC-101	14.4 min	0.5	5×10^{-4}	5.95×10^{-9}
7. Sr-92	2.71 hr	0.5	5×10^{-4}	5.95×10^{-9}
8. Cs-134	2.065 hr	0.15	1.5×10^{-4}	1.79×10^{-9}
9. CS-137	30.17 yr	0.15	1.5×10^{-4}	1.79×10^{-9}
10. Mn-56	2.58 hr	0.05	5×10^{-5}	5.95×10^{-10}

Mixing volume for airborne drift loss based on 5 mph (7.33ft/sec) wind affecting 10' height above pond across effective length of spray header of 250 ft (18,333.33ft³/sec) 9800 gpm = 163.33 g/sec = 21.83 ft³/sec. @1% drift loss, \Rightarrow 0.2183 ft³/sec into 18,333.33 ft³/sec gives dilution factor of 83,965.



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Control Room/OSC

VALID FOR TIMES OF:

☐ AM

☐ PM

TO

1430

☐ AM

☐ PM

REAL TIME

0530

DRILL TIME

0

HOURS

TO

9

HOURS

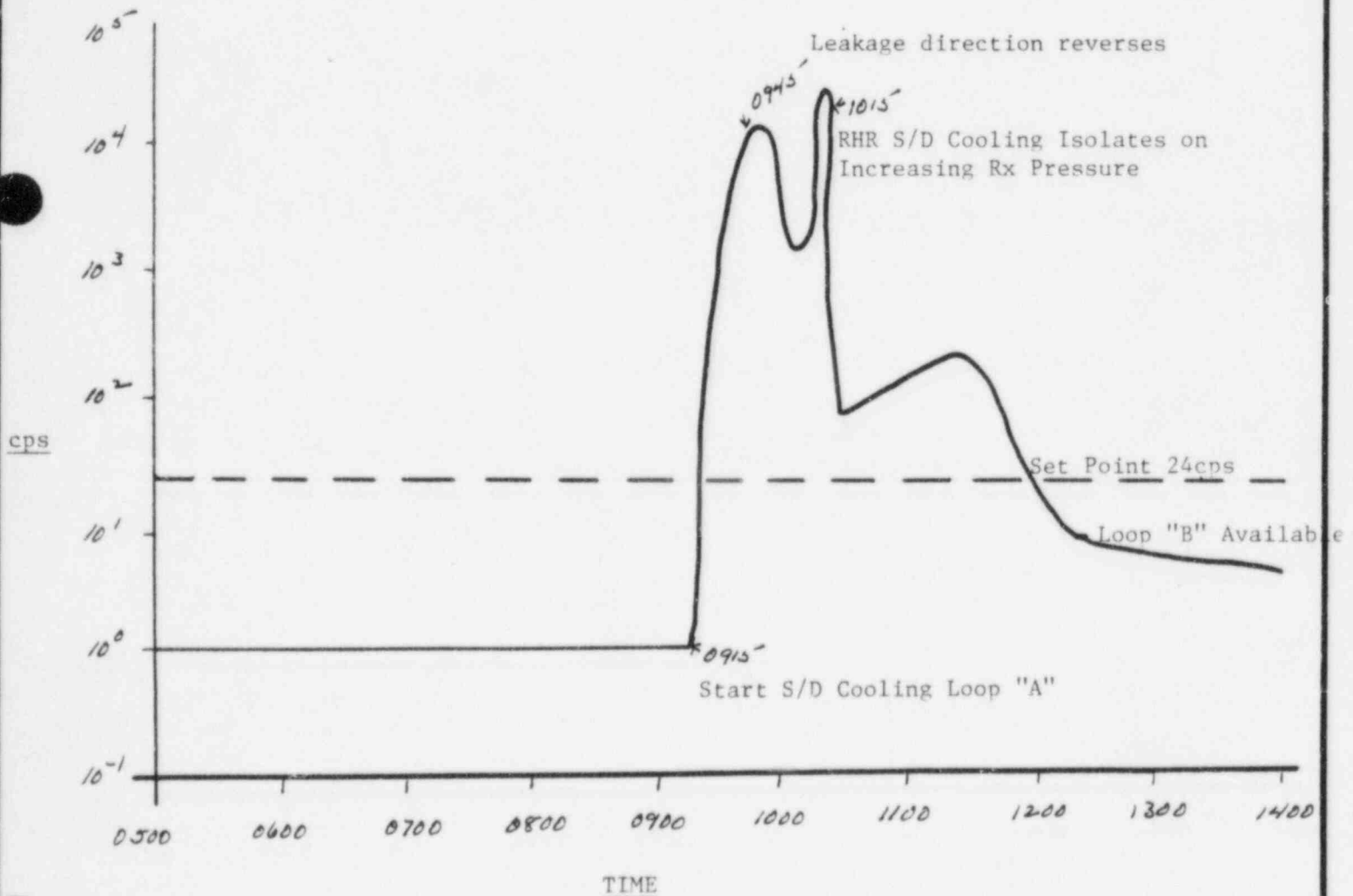
ASSOCIATED WITH MESSAGES

22, 24

INFORMATION APPLIES TO

Spray Pond Contamination (Page 2 of 4)

*Sprinkler water
RIS - 64*





WASHINGTON PUBLIC POWER

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61B

RESPONSIBLE CONTROLLER (LOCATION)

Control Room/OSC

VALID FOR TIMES OF:

☐ AM

TO

1430

☐ AM☐ PM

DRILL TIME 0

HOURS

9

HOURS

ASSOCIATED WITH MESSAGES

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INFORMATION APPLIES TO

Spray Pond Contamination (Page 3 of 4)

INHALATION DOSE ESTIMATE - SPRAY POND CONTAMINATION TABLE E-7

$$U_{Br} \times 800M^3/yr = .91 M^3/hr$$

Nuclide	Airborne Conc. (uCi/cc)	Adult DCF (mrem/PCi)	50yr Dose Commt mrem(Conc x DFC x uB x Time)	Time = 1/2 hr
1. I-131	5.95×10^{-7}	1.49×10^{-3}	Thyroid	404.5
2. I-132	1.55×10^{-8}	1.43×10^{-5}	Thyroid	0.101
3. I-133	8.34×10^{-8}	2.69×10^{-4}	Thyroid	10.2
4. I-134	4.17×10^{-8}	3.73×10^{-6}	Thyroid	0.0710
5. I-135	9.29×10^{-8}	5.60×10^{-5}	Thyroid	2.37
6. Tc-101	5.95×10^{-9}	4.99×10^{-8}	Lung	1.35×10^{-4}
7. Sr-92	5.95×10^{-9}	5.38×10^{-6}	GI-LLI	.0146
8. Cs-134	1.79×10^{-9}	1.06×10^{-4}	Liver	.0866
9. Cs-137	1.79×10^{-9}	7.76×10^{-5}	Liver	.0634
10. Mn-56	5.95×10^{-10}	2.53×10^{-6}	GI-LLI	6.87×10^{-4}

Contamination on Ground

9800 gpm = $2225.78 m^3/hr$ @ 1% drift loss = $22.26 m^3/hr \times 30 \text{ min.}$ contaminated spraying = $11.1 m^3$ of contaminated spray on ground. Drift loss area $(250')^2$ = $5806 m^2$ gives 1.92 mm of water over total surface, or $1.92 \times 10^{-3} m^3/m^2$ of area.

Nuclide	Spray Conc.(uCi/g)	Ground Plane Conc.(pCi/M ²)	DCF Skin mrem/hr per pCi/M ²	Dose Rate (mrem/hr)
1. I-131	5×10^{-2}	9.6×10^7	3.4×10^{-9}	0.33
2. I-132	1.3×10^{-3}	2.5×10^6	2.0×10^{-8}	0.050
3. I-133	7.0×10^{-3}	1.3×10^7	4.5×10^{-9}	0.060
4. I-134	3.5×10^{-3}	6.7×10^6	1.9×10^{-8}	0.13
5. I-135	7.8×10^{-3}	1.5×10^7	1.4×10^{-8}	0.21
6. Tc-101	5.0×10^{-4}	9.6×10^5	3.0×10^{-9}	2.9×10^{-3}
7. Sr-92	5.0×10^{-4}	9.6×10^5	1.0×10^{-8}	9.6×10^{-3}
8. Cs-134	1.5×10^{-4}	2.9×10^5	1.4×10^{-8}	4.0×10^{-3}
9. Cs-137	1.5×10^{-4}	2.9×10^5	4.9×10^{-9}	1.4×10^{-3}
10. Mn-56	5.0×10^{-5}	9.6×10^4	1.3×10^{-8} skin	1.2×10^{-3}

Assumed factor of 10 peak to average for plotting this scenario is based on operation of Spray from RHR Loop "A" to Spray Pond "B" continuously spraying. No bypass mode of operation is assumed. If sprays are shut off, contamination out of pond will be commensurately less.



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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SHEET NO.

61C

RESPONSIBLE CONTROLLER (LOCATION)

Control Room/OSC

VALID FOR TIMES OF:

☐ AM

TO

☐ AM

REAL TIME

0530

☐ PM

1430

☐ PM

DRILL TIME

0

HOURS

TO

9

HOURS

ASSOCIATED WITH MESSAGES

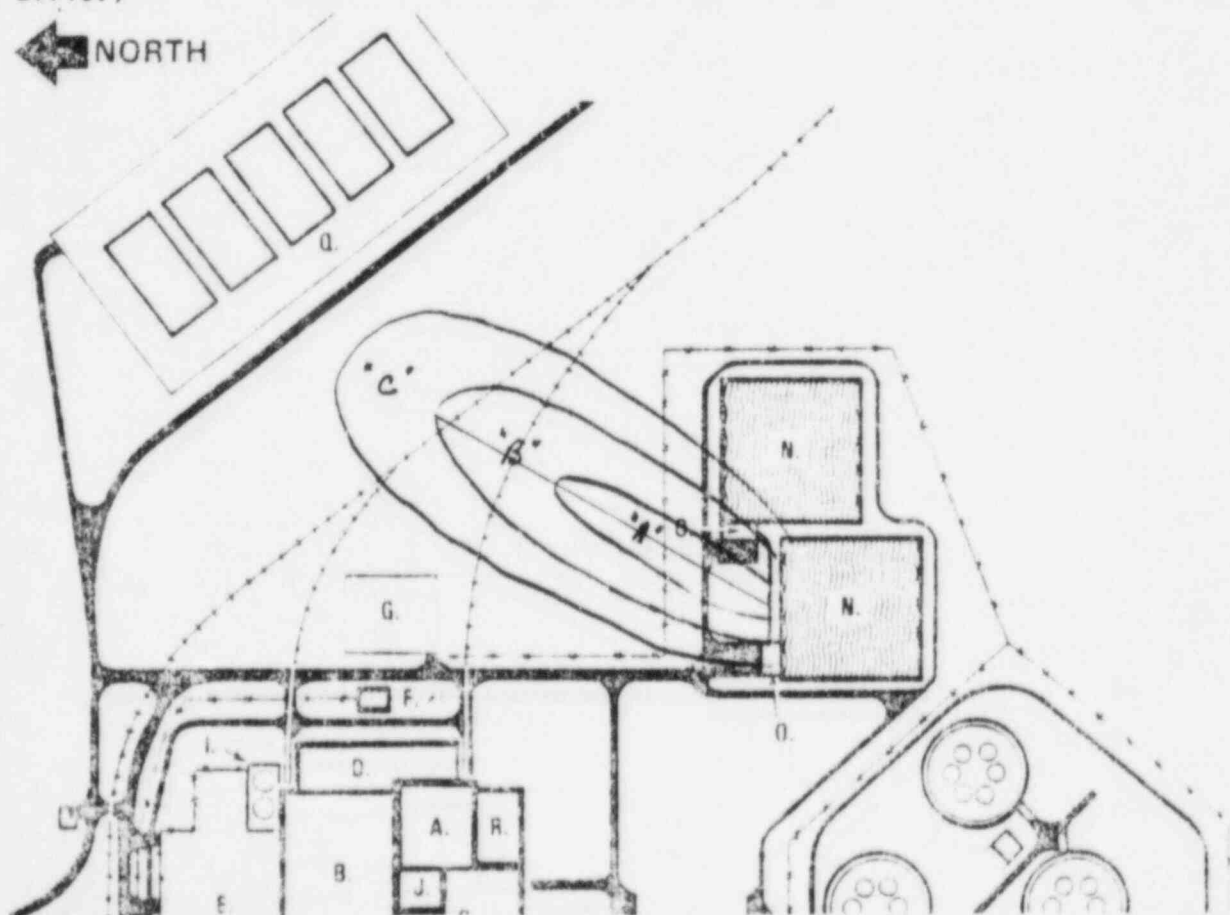
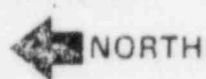
24

INFORMATION APPLIES TO

Spray Pond Contamination (Page 4 of 4)

Average Concentrations in Areas Indicated
(pCi/m²)

	"A"	"B"	"C"
1. I-131	9.6×10^8	9.6×10^7	9.6×10^6
2. I-132	2.5×10^7	2.5×10^6	2.5×10^5
3. I-133	1.3×10^8	1.3×10^7	1.3×10^6
4. I-134	6.7×10^7	6.7×10^6	6.7×10^5
5. I-135	1.5×10^8	1.5×10^7	1.5×10^6
6. TC-101	9.6×10^6	9.6×10^7	9.6×10^4
7. Sr-92	9.6×10^6	9.6×10^5	9.6×10^4
8. Cs-134	2.9×10^6	2.9×10^5	2.9×10^4
9. Cs-137	2.9×10^6	2.9×10^5	2.9×10^4
10. Mn-56	9.6×10^5	9.6×10^4	9.6×10^3
Survey Meter Count Rate (1% Effic.)	10^6 cpm	10^5 cpm	10^4 cpm





WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE ____ of ____	
SHEET NO. 62	RESPONSIBLE CONTROLLER (LOCATION) Control Room/TSC/OSC		
VALID FOR TIMES OF: REAL TIME 0530 <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1430 <input type="checkbox"/> AM <input type="checkbox"/> PM		DRILL TIME 0 HOURS TO 9 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO General In-Plant Release Information	

1. From 0530 to 0900, the plant is operating normally at 100% power. There are numerous small steam leaks in the Turbine Generator Building which become in-plant release source terms as core conditions degrade from normal. Approximately 10% of the core noble gas and halogen are released from the cladding by the time of the repressurization at 10:15. By the time of the subsequent peak release at about 12:30, 30% of the core inventory of noble gases and halogen have been released from the cladding. The ratios of the released gases are such PPM 9.3.22 Core Damage Evaluation will not indicate fuel melting, but only cladding failure.
2. The plant isolation and scram at 8:15 with failure of MS-V-22A and 28A will confine the in-plant releases to the Turbine Building (through the unisolated "A" Main Steam line, and the Suppression Pool (through the MSRVS) for the duration of the exercise. (It is assumed that the operators will not vent the wetwell air space to SGTS until well after the accident has occurred). This means that the only sources of activity in the Reactor Building will be RHR piping (Shutdown Cooling Mode from 9:15 to 10:15, Suppression Pool Cooling Mode thereafter), RCIC Steam lines from 8:15 on when there is primary steam available. No gaseous/releases are postulated in the Reactor Building. Radiation levels airborne in the drywell will increase due to the buildup of radiogases in the wetwell air space. Doses inplant areas will increase because of pumping contaminated liquids or steam flows in the affected piping.



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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SHEET NO.

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RESPONSIBLE CONTROLLER (LOCATION)

Control Cell, DOE Public Affairs

VALID FOR TIMES OF:

☐ AM

TO

0822

☐ AM☐ PM

REAL TIME 0820

☐ PM

DRILL TIME

0250

HOURS

TO

0252

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

DOE-RL Public Affairs Response

DATA
SHEETINPUT
TIME

INPUT TO

INPUT FROM

A

0820

DOE-RL Public
Affairs

Control Cell

B

0822

DOE-RL Public
Affairs

Control Cell



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION

GENERAL DATA SHEET

D... L NO.

1985 EMERGENCY EXERCISE

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SHEET NO.

63A

RESPONSIBLE CONTROLLER (LOCATION)

Control Cell, DOE Public Affairs

VALID FOR TIMES OF:

☐ AM

TO

☐ AM☐ PM

REAL TIME 0820

0822

DRILL TIME

0250 HOURS

TO

0252

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

DOE-RL Public Affairs Response

INPUT:

Message For:

TIME PLANNED: 0820

ACTUAL: _____

Message From:

DOE, Public Affairs, Tel. 376-7501
Mike Smallwood, Radio KRUD, Toppenish

Message:

This is an Exercise. This is an Exercise

Hi, this is Mike Smallwood, Radio KRUD, Toppenish. The wires are saying there has been a big accident at your reactor. What is going on?

RESPONSE:

Anticipated

Actual

1. DOE-RL-PAO
Secretary

Refers called to a Public
Affairs Specialist.

2. DOE-RL
Public
Affairs
Specialist

- A. If RL has already been
notified of WNP-2 Alert:

1. Explains wire story
in error and refers
to Supply System.

- B. If RL has not been
notified.

1. Tells caller he will
check and get back to
him.
2. Checks normal sources
and finds error.
3. Returns media calls,
referring them to
Supply System.
4. Calls UPI (Control
Cell) and explains error.

NOTE:

- o Control Cell Controller:

If told you will be called back, give your control cell number.

- o DOE-RL Public Affairs Controller:

Make sure attached UPI article is handed to responding RL Public
Affairs Specialist while he is talking.

THIS IS AN EXERCISE 85 MESSAGE

THIS IS AN EXERCISE 85 MESSAGE

21 UPI 09-85 08:21 apd
reactor

RICHLAND, WA (UPI) A major accident is reported to have occurred shortly after 8 a.m. (day) at the Government's N Reactor on the Hanford site north of here.

Early, unconfirmed reports indicate the reactor automatically shutdown when radiation began spewing from one of its systems into an adjacent cooling pond. There were no immediate reports as to whether or not anyone was contaminated or injured in the accident. Neither Department of Energy nor UNC Nuclear Industries, Inc. officials were available immediately for comment on the accident. UNC operates the reactor for the Department of Energy.

Sources indicated that UNC operators had been having problems with the reactor for several hours prior to the radiation release. Those sources were unable to say, however, what types of problems were being experienced. Further details were expected to be available within an hour.

upi 09-85 08:23 apd

THIS IS AN EXERCISE 85 MESSAGE



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

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SHEET NO.

RESPONSIBLE CONTROLLER (LOCATION)

63B

Control Cell, DOE Public Affairs

VALID FOR TIMES OF:

☐ AM

TO

☐ AM

REAL TIME 0820

☐ PM

0822

☐ PM

DRILL TIME

0250 HOURS

TO

0252

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

DOE-RL Public Affairs Response

INPUT:

TIME PLANNED: 0822

ACTUAL: _____

Message For: DOE-RL, Public Affairs, Tel. 376-7501
Message From: Joe Johnston, KIRO-TV, Seattle

Message: This is Joe Johnston from KIRO-TV In Seattle. We are sending a crew in our Lear Jet to cover your accident. Will they get contaminated if they land near the reactor?

RESPONSE:Anticipated

Same as for Data Sheet A

ActualNOTE:

Control Cell Controller

If told you will be called back, give control cell number.



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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ROLL NO.

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RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM

TO

☐ AM☐ PM

REAL TIME 0835

1430

DRILL TIME 0300 HOURS TO 9 HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Public Affairs & Infor/Media
Response Team

EVACUEE CAST

Numbers before name indicate order in which names/phone calls appear

- (1) Susie Sanders
123 Fir Way, Pasco
- (2) Georgia Gorge (96)
456 Sticks Drive, Othello
- (3) Glenda Gleason
8910 Glenwood, Eltopia
- (4) Pete Patterly
210 Fir Way, Paco
- (5) Nancy Nilton
2002 Glenwood Rd., Eltopia
- (6) Edna Elton
100 Glenwood Rd., Eltopia
- (7) Janice Jones
777 Stevens Dr., Richland
- (8) Ardice Allen
333 Taylor Flats Rd., Pasco
- (9) Bill Barnshaw
100 Taylor Flats Rd., Pasco
- (10) Dave Dodson
Principal, Edwin Markham School
4031 Elm Road
- (11) Wilma Wallace
543 Eltopia West Rd., Eltopia
- (12) Irene Illison
888 Country Haven Loop, Pasco
- (13) Neil Nelson
888 Cypress Drive
- (14) Rhonda Rhoads
9876 W. Fir Road, Pasco
- (15) Janice Jones (see #7)



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

D. L. NO. 1985 EMERGENCY EXERCISE		PAGE _____ of _____	
SHEET NO. 64 (Cont'd)	RESPONSIBLE CONTROLLER (LOCATION) Control Cell		
VALID FOR TIMES OF: REAL TIME 0835 <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1430 <input type="checkbox"/> AM <input type="checkbox"/> PM		DRILL TIME 0300 HOURS TO 9 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO Public Affairs & Infor/Media Response Team	

EVACUEE CAST

Numbers before name indicate order in which names/phone calls appear

- (16) Marvin Moses
666 Howart Rd., Pasco
- (17) Lillian Leroy
654 N. Cherry Drive, Pasco
- (19) Harvey Hansen
2233 Cottonwood Drive, Pasco
- (20) Lucy Larson
5432 Country Haven Loop
child: Linda, age 9
- (21) Bob Bartrowe
222 Elm Rd., Pasco
child: Brad, 7, Bonnie, 10
- (22) Carol Coucharis
9000 Taylor Flats Rd.
child: Cathy, age 9
- (23) Sonya Smith
1234 Birch Rd., Pasco
child: Samatha, age 8



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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VALID FOR TIMES OF: REAL TIME 0835 <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1015 <input type="checkbox"/> AM <input type="checkbox"/> PM		DRILL TIME 0305 HOURS TO 0445 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO Public Affairs & Info/ Media Response Team	

THIS IS AN EXERCISE.

Lana Lawrence, reporter

UPI

1320 Southwest Broadway, Portland

Just picked up news release off AP wire. What is the status of plant now? What measures are being taken? Do you foresee the situation worsening? My news director wants to know if you think I should fly over and cover the situation, what do you recommend?... (If you're told not to now, leave number and ask them to alert you if the situation deteriorates.)

THIS IS AN EXERCISE.

Leslie Lowens, reporter

KING News

320 Aurora Ave. No., Seattle

I'd like to do a voice over (that's when you tape record a spokesperson's statement over the telephone and broadcast it on the radio) of you stating the condition at Plant 2. Can you do that now? (If not, find out when he'll be ready and call back then.) Go ahead, start by giving your name and title...(have him give statement). Thanks, I'll keep in touch.

THIS IS AN EXERCISE.

Daniel Dover

KOTY Radio

11 South Benton, Kennewick

What's going out there?--sounds like we should send someone out to cover things.

THIS IS AN EXERCISE.

Carl Cowen, reporter

KING-TV

320 Aurora Ave. N., Seattle

The news service just gave us some information about Plant 2? What's up? Any injuries? Any contamination leaks? Okay, thanks, I'll keep my eye on the wire.



WASHINGTON PUBLIC POWER

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GENERAL DATA SHEET

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SHEET NO. 64B	RESPONSIBLE CONTROLLER (LOCATION) Control Cell		
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM		<input type="checkbox"/> AM <input type="checkbox"/> PM	
REAL TIME 0835	TO 1015	DRILL TIME 0305 HOURS	TO 0445 HOURS
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO Public Affairs & Info/ Media Response Team	

THIS IS AN EXERCISE.
Mary Martinson

My husband just called and said something crazy is going on out at the plant. He thinks maybe I ought to take the baby and drive to my mom's house 'cause we live in Richland Village. That's close to the plant. (If you are told to call Rumor Control, get concerned. . . after all, this is the information office isn't it? Where am I supposed to call? Rumor control? That doesn't sound like I'll get any straight facts. (hang up).

THIS IS AN EXERCISE.
Arlie Ardice, reporter
Yakima-Herald Republic
114 N. 4th St., Yakima

My boss told me to call you up and see what's going on down there? Is this Public Affairs and Information or is this the JIC?--what's a JIC, anyway? Does that mean I'm not talking to Whoops? Is this problem going to mean more money taken from the ratepayers?

SIMILAR QUESTIONS CAN BE POSED BY:

Sandra Shear, reporter
Associated Press
201 Boren North, Seattle

Terrence Terrilio, city editor
Tacoma News-Tribune
PO Box 1200, Tacoma

Richard Roten, station mgr.
KNDU-TV
PO Box 2523, Kennewick

Wilma Williams, news director
KEPR-TV
PO Box 2648, Pasco



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

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L NO. 1985 EMERGENCY EXERCISE		PAGE ____ of ____	
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VALID FOR TIMES OF: REAL TIME 0835 <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1015 <input type="checkbox"/> AM <input type="checkbox"/> PM		DRILL TIME 0305 HOURS TO 0445 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO Public Affairs & Info/ Media Response Team	

Ralph Roberts, news manager
KOMO News
100 4th Ave. N., Seattle

Sidney Shalis
KSXT News
Box 796, Walla Walla



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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D L NO. 1985 EMERGENCY EXERCISE		PAGE _____ of _____	
SHEET NO. 64D	RESPONSIBLE CONTROLLER (LOCATION) Control Cell		
VALID FOR TIMES OF: REAL TIME 1015 <input type="checkbox"/> AM TO 1145 <input type="checkbox"/> PM		DRILL TIME 0445 HOURS TO 0615 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO Media Response Team	

THIS IS AN EXERCISE.

Arnold Anderson
Walla Walla Union Bulletin
1st and Poplar St., Walla Walla

I heard you had a flood of radiated water out there, was anyone contaminated? . . .
. What happened? . . . What's going on out there now--are things going to get worse?

THIS IS AN EXERCISE.

Terrence Terrille, city editor
Tacoma News-Tribune
PO Box 1200, Tacoma

I'm calling to get an update of the plant.

THIS IS AN EXERCISE.

Kelly King, reporter
KHQ News
South 4202 Regal, Spokane

Hi, I'd like to tape you explaining the status at your plant . . .

THIS IS AN EXERCISE.

Wilma Williams, news director
KEPR-TV
PO Box 2648, Pasco

In regards to your EBS, we're getting a lot of calls at the station. How bad are things out there? What's the REAL danger to the public. Okay, well, can you call me back if things get worse--how busy are you out there?

PHONE MESSAGE IN AT 1100

THIS IS AN EXERCISE.

Arlie Ardice, reporter
Yakima-Herald Republic
114 N. 4th St., Yakima

We heard the county's EBS. Can you give me more details about evacuation procedures? What are the dangers of radiation exposure to pregnant women and children? Is there any way I can find out if any evacuees are coming to Yakima? I'd like to interview them. Also, I was talking to the news desk at KEPR; they told me there was a road accident concerning some spilt produce in a contaminated area. Do you know anything about that?...If people have run off with some of those tomatoes, isn't there a chance they'll ingest contaminated material?...What precautions are being taken?...Do you feel these precautions ensure the safety of the public?...Does the NRC know about this?...Does the governor?

WASHINGTON PUBLIC POWER
SUPPLY SYSTEMCONTROLLER INFORMATION
GENERAL DATA SHEET

AL NO. 1985 EMERGENCY EXERCISE		PAGE ____ of ____	
SHEET NO. 64E	RESPONSIBLE CONTROLLER (LOCATION) Control Cell		
VALID FOR TIMES OF: REAL TIME 1015		<input type="checkbox"/> AM TO 1145 <input type="checkbox"/> PM	<input type="checkbox"/> AM <input type="checkbox"/> PM
ASSOCIATED WITH MESSAGES		DRILL TIME 0445 HOURS TO 0615 HOURS	
		INFORMATION APPLIES TO Media Response Team	

THIS IS AN EXERCISE.

Ralph Roberts, news manager
KOMO News
100 4th Ave. N., Seattle

Well, it sounds like things are getting worse out there. Can I talk to Petersen? (If put off . . .) Look this is the news manager for KOMO, we've got a listening audience of thousands, okay? Now I want to talk to someone in charge. (If transferred conduct a plant status interview, if stuck with the person you've called . . . begrudgingly question them but let them know you don't think they're qualified to respond) What's your background, anyway? How much do you know about the running of a nuclear power plant?

THIS IS AN EXERCISE.

Ted Tiller

Hey, you guys, I'm a janitor out at the plant and everyone's running around here like crazy. I don't understand what's going on. Should I call my parents and tell them to leave town? They're pretty old and slow. It'll take 'em a while to pack up and go. (If you're told to call elsewhere, ignore it, press your case. Don't give your number.)

THIS IS AN EXERCISE.

Bob Brown, energy reporter
Seattle PI

I'd like to know what reaction, if any, the governor has regarding the situation at Plant 2. Has he said anything to Don Mazur? Does he have any plans to fly to Hanford?

PHONE MESSAGE IN AT 1115

THIS IS AN EXERCISE.

Nancy Notice, reporter
KIRO-TV
3rd and Broad St., Seattle

How's the evacuation going? It's only out to five miles? Any panicking or traffic jams? Is anyone out there taking evacuation pictures I can contact? How about pictures of the tomatoes all over the highway?--any traffic built up there?...Just exactly how many vehicles were involved in that?...Injuries?--Where were they taken? What's the extent of their injuries?



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ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO Media Response Team	

THIS IS AN EXERCISE.
Carl Cowen, reporter
KING-TV
320 Aurora Ave. N., Seattle

We heard there was a flood of contaminated water from the plant that's leaking into the Columbia River, is that true? . . .

THIS IS AN EXERCISE.
Sam Snell
The Oregonian
1320 SW Broadway, Portland

What's this about a flood?

THIS IS AN EXERCISE.
Sidney Shalis
KSXT News
Box 796, Walla Walla

(Verify site area emergency has been declared before calling.)

I heard your plant is at a site area emergency now. What does that mean? Is that something the NRC made up? Can that status worsen? To what? What does that mean? If things get better, what status will the plant be at? Will you call me back if the plant is taken to that next worse status?

THIS IS AN EXERCISE.
Similar questions from:

Sam Snell
The Oregonian
1320 SW Broadway, Portland

Lana Lawrence, reporter
UPI
1320 Southwest Broadway, Portland

Carl Cowen, reporter
KING-TV
320 Aurora Ave. N., Seattle

Leslie Lowens, reporter
KING News
320 Aurora Ave. No., Seattle

Arnold Anderson
Walla Walla Union Bulletin
1st and Poplar St., Walla Walla



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ASSOCIATED WITH MESSAGES		DRILL TIME 0445 HOURS TO 0615 HOURS INFORMATION APPLIES TO Rumor Control Team	

THIS IS AN EXERCISE.

(1) Susies Sanders
123 Fir Way, Pasco

Hi, I'm very scared. I'm babysitting my two baby-brothers while Mom and Dad are in Seattle looking for work for two days. I was watching TV and I saw your thing on it that said we may have to evacuate. I can't drive. I don't know where to go. My neighbors are at work. What can I do?

THIS IS AN EXERCISE.

Floyd Fieldman

I'm a retired WHOOPS employee. I'd like to know just exactly what's going on out there? I worked on the radwaste building and I was wondering if some of that piping we put in finally gave out. Any radiation leaks? Okay, well, I'll keep in touch.

THIS IS AN EXERCISE.

Pamela Parts

I was at the doctor's for a check up. I work out at Supply System Headquarters, should I continue on in to work? What's happening out there, anyway?

THIS IS AN EXERCISE.

Bob Brown, energy reporter
Seattle PI

I'd like to talk to you about the kinds of calls that are coming into your area . . . (if you don't get cooperation ask if they're trying to hide anything, call them to accountability, if do get cooperation, make general inquiries about types of calls)

THIS IS AN EXERCISE.

(2) Georgia Gorge
456 Sticks Drive, Othello

I live out in Othello, is some radiation going to come over here? Well, this is a fine mess. I suppose a bunch of evacuees are going to flood into town and get into everything now. I bet they're gonna bring bushels of those contaminated tomatoes in with them--the ones from that accident over in Eltopia. How'm I sposed to tell if I'm gettin' contaminated tomatoes at the fruit stands?



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THIS IS AN EXERCISE.
Donna Daniels

I'm calling long-distance from Seattle, the TV said to call this number for information. My dad works in the control room at Plant 2. I can't reach his number. Has something happened?--I'm worried.

THIS IS AN EXERCISE.
(3) Glenda Gleason
8910 Glenwood, Eltopia

Where am I supposed to evacuate to--I just caught the last part of the message on the radio. . . . Well, I gotta pack some clothes first, don't I? What about food? . . . What about my cat--you don't expect me to leave her behind?

THIS IS AN EXERCISE.
(4) Pete Patterly
210 Fir Way, Pasco

I'm in the area that's supposed to evacuate. Are you telling me that I have to leave my home open to vandals? What about my cows? I got 20 head and they're all going to get radiated, right? Are you going to compensate me for this? And what about all my feed? I've got a mind to sue you and your damn plant.

THIS IS AN EXERCISE.
Leslie Lowens, reporter
KING News
320 Aurora Ave. No., Seattle

I'd like to tape record you talking about the types of calls you're receiving at your center, are you ready? . . .

THIS IS AN EXERCISE.
(5) Nancy Nilton
2002 Glenwood Rd.
Eltopia

Where am I suppose to evacuate to? What about my little boy? He's going to a day-care center half a mile from here.



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ASSOCIATED WITH MESSAGES		DRILL TIME 0445 HOURS TO 0615 HOURS INFORMATION APPLIES TO Rumor Control Team	

MAKE THIS CALL AT 1030

THIS IS AN EXERCISE.

(6) Edna Elton

100 Glenwood Rd., Eltopia

I'm in a wheelchair and will need help evacuating. (Provide address and phone)

THIS IS AN EXERCISE.

Janice Jones

777 Stevens Dr., Richland

My husband, John, took a couple of days off from work with a friend of his to go fishing out on the Columbia. I know he was headed out in the direction of the river that's close to your plant. Can you call security and have them look for them? (have address and phone handy) (description: red mountain tent; blue Subaru stationwagon; black labrador setter friend's name is Steve Shanks, Seattle).

THIS IS AN EXERCISE.

Lucy Lilly

My husband just called from the plant and said there was a flood out there and that they evacuated a whole bunch of people. I guess he can't even get off work and come home. Is he safe? If my husband gets hurt, I'm going to take you to court, you can bet on that.

THIS IS AN EXERCISE.

Linda Lanley

I live in Spokane. I was scheduled to fly down to your main building for a job interview. Can you connect me with the Personnel Dept or do you know what I should do?

THIS IS AN EXERCISE.

Bruce Bell

Hey, I live on Swift Ave. in Richland. That's close enough to get contaminated isn't it? . . . Well, the wind can change any damn direction it wants to, right? . . . Thanks for nothing (hang up).

THIS IS AN EXERCISE.

Harvey Hansen

8080 Glenwood, Rd., Eltopia

I'd like to know what's happening out there. . . Will I have to evacuate? And I wanted you to know there's a brown paper sack of tomatoes someone set on my lawn. Are they contaminated? My backyard goes by the road and I figure someone picked 'em up from that produce-truck accident.

MAKE UP NAMES AND CONTINUE GENERAL EVACUATION/PLANT STATUS INQUIRIES UNTIL YOU ARE ADVISED THAT THE PLANT STATUS HAS BEEN CHANGED TO GENERAL EMERGENCY)



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SHEET NO.

64J

RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM

TO

☐ AM☐ PM

REAL TIME 1145

1240

DRILL TIME 0615

HOURS TO

0710

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Media Response Team

THIS IS AN EXERCISE.

Bob Brown, energy reporter
Seattle PI

(Check plant status before calling.)

So the plant's at general emergency now? . . . Would you say that's pretty bad?
. . . What kind of evacuation numbers are you looking at now? . . . What
agencies are involved in the evacuation? . . . Do you have contact numbers for
these agencies? . . . Any reports of panic so far? . . . When do you
think the evacuation will be completed? . . . Will the state police patrol the
area for looters?

THIS IS AN EXERCISE.

Carl Cowen, reporter
KING-TV
320 Aurora Ave. N., Seattle

We'd like to send a helicopter up in the air with one of our video-cameramen, any
problem with that? . . . Where would it be all right to tape from? . . .
How about some overhead shots of the evacuation--I presume we'll be able to videotape
a lot of cars on the roads. Where should we head for? . . .

THIS IS AN EXERCISE.

Sandra Shear, reporter
Associated Press
201 Boren North, Seattle

Has your managing director made a public statement yet? . . . Can I talk to him?
. . . Does he feel he should say something to the community surrounding his
plant and the people of this state? . . . What's going on there?

THIS IS AN EXERCISE.

Richard Roten, station mgr.
KNDU-TV
PO Box 2523, Kennewick

I haven't heard anything from the governor's office lately, have you?
You've got people worried about contamination in the river and they're worried about
contaminated tomatoes.



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THIS IS AN EXERCISE.
Arlie Ardice, reporter
Yakima-Herald Republic
114 N. 4th St., Yakima

Things sound pretty serious down there. You've got people worried about contamination in the river and they're worried about contaminated tomatoes. I've got a deadline coming up quick, what can you tell me now?

THIS IS AN EXERCISE.
Wilma Williams, news director
KEPR-TV
PO Box 2648, Pasco

We're getting a lot of calls at the station from concerned local people. Do you have any extra information I can give them about the evacuation? . . . What are the best roads for them to take to get out of the area?--we'd like to do a special broadcast and help out.

THIS IS AN EXERCISE.
Kelly King, reporter
KHQ News
South 4202 Regal, Spokane

What does it mean you're at General Emergency? . . . Is the evacuation causing traffic jams down there? Has the governor said anything? Have you talked to any of the evacuees?--Why not, isn't that your responsibility? What's your job title? Are you really qualified to making these answers? . . . Well, what else can you tell me about the plant? Is the NRC there? What are they saying?

THIS IS AN EXERCISE.
Terrence Terrille, city editor
Tacoma News-Tribune
PO Box 1200, Tacoma

What is being done out at the plant now? I heard there was a flood of radiated water. . . . Was anyone contaminated? . . . Did anyone take pictures out there?



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THIS IS AN EXERCISE.

Bob Brown, energy reporter
Seattle PI

Who's the NRC spokesperson out there? What has the NRC told Supply System management? Is anyone from Walnut Creek being flown in to take a look? How bad are things there compared to Three Mile Island? What do you think this is going to do to chances for WNP-1 and -3? Have any ratepayers been calling in and expressing their views? When should I call back if the NRC makes a move?

THIS IS AN EXERCISE.

Nancy Notice, reporter
KIRO-TV
3rd and Broad St., Seattle

I'd like to tape update of the situation out there, are you ready? Just give me your name and explain the status.



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		<input type="checkbox"/> AM <input type="checkbox"/> PM	DRILL 0615 HOURS TO 0710 HOURS
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO Rumor Response Team	

THIS IS AN EXERCISE.
(8) Ardice Allen
333 Taylor Flats Rd., Pasco

Now I've got to evacuate, too. Where am I supposed to go? Do you have traffic officers out there to prevent a mass accident? Look, I'm scared, I'll bet you anything I run into someone with my car. I hold you personally responsible for anything that happens to me. Who is this I'm talking to?

THIS IS AN EXERCISE.
Dan Davidson
111 Goethels, Richland

Hey, there's someone selling tomatoes from the back of a pickup truck over by Fred Meyers--they're just parked in a field across the street. I think they might be trying to get rid quick of some of those contaminated ones from Eltopia--what're you going to do about it? You know, people ought to sue you if they sick. You got a lot of scared people running around here, you know that?

THIS IS AN EXERCISE.
Bill Barnshaw
100 Taylor Flats Rd., Pasco

What about all my livestock? Can I evacuate them? I've got over a hundred head of black angus--do you know what kind of an investment that is? Well, I'm not budging. (hang up)

THIS IS AN EXERCISE.
Nicki Newsom

I heard the Columbia River has radiation in it, is it going to get to West Richland up the Yakima?

THIS IS AN EXERCISE.
Orville Owen

(Check plant status before calling)

Now you've escalated to a General Emergency! Can't you guys do anything right? This is terrible. What's going on out at that damn plant, are things out of control? Who's fixing it? Where's the governor--is he down there? Well, I'll see you in hell before any of your other damn plants are built.



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ASSOCIATED WITH MESSAGES		DRILL TIME 0615 HOURS TO 0710 HOURS	INFORMATION APPLIES TO Rumor Response Team

THIS IS AN EXERCISE.

(10) Dave Dodson

Principal, Edwin Markham School
4031 Elm Road

MAKE CALL AT 1200

I want to let you know that our evacuation here at the school is proceeding okay but with one big hitch. Someone plowed into the side of one of our school buses heading out of the area. No one was hurt but it's caused a big traffic jam. This happened at the corner of Selph Landing and Taylor Flats Road. It's a big mess we've got the kids continuing their evacuation in the district's fire department vehicles.

THIS IS AN EXERCISE.

(11) Wilma Wallace

543 Eltopia West Road, Eltopia

My husband and I are both infirmed, we'll need help evacuating.

THIS IS AN EXERCISE.

Irene Illson

888 County Haven Loop, Pasco

I don't know where to go. I'm suppose to evacuate but I don't know where to go. We just moved here. Tell me how to drive there. I've got two young babies and our dog. (Everytime you're giving a direction, ask where that street is. Be completely nervous and confused, you don't know where anything is.)

MAKE CALL AT 1205

THIS IS AN EXERCISE.

(14) Rhonda Rhoads

9875 W. Fir. Rd., Pasco

Where's my little girl?--is she all right? She was evacuated out of Edwin Markham School, now there's been a bus crash and I want to know if she's all right? Her name is Rena, she's eight years old.

THIS IS AN EXERCISE.

Anonymous call (male)

You idiots, I'm going to get you (hang up).



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		<input type="checkbox"/> AM <input type="checkbox"/> PM	DRILL TIME 0615
ASSOCIATED WITH MESSAGES		HOURS TO 0710 HOURS	
		INFORMATION APPLIES TO Rumor Response Team	

THIS IS AN EXERCISE.
Douglas Day

I heard contaminated water flooded the Columbia River, is that true? What are you guys doing out there to protect the environment, anyway? How long will it be before the radiation goes away--a thousand years?

THIS IS AN EXERCISE.
(13) Neil Nelson
888 Cypress Drive, Pasco

Hey, there's been a school bus accident out at Taylor Flats and Selph Landing. Did any of those kids get hurt? You know, no one else can get around those vehicles very easy. Is someone clearing them out of the way? Do you need help? Want me to go down and move kids or traffic or something?

THIS IS AN EXERCISE.
Bill Bowman

What's this about radiation in the Columbia River? They were talking about it down at the Mooses Club.



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ASSOCIATED WITH MESSAGES		DRILL TIME 0710 HOURS TO 0800 HOURS	
		INFORMATION APPLIES TO Media Control Team	

THIS IS AN EXERCISE.

Arnold Anderson

Walla Walla Union Bulletin

1st and Poplar St., Walla Walla

What's your status now? How's the evacuation going? Has anyone made a statement on that radiated flood? . . . Well, if it's a rumor, how'd it get started? Are we reporters going to get a chance to look at some chemistry evaluations of that water drainage?

THIS IS AN EXERCISE.

Richard Roten, station mgr.

KNDU-TV

PO Box 2523, Kennewick

We picked up a call on our scanner for police assistance out at Taylor Flats and Selph Landing roads. How bad is the accident out there? I heard there was a school bus involved, any casualties?

THIS IS AN EXERCISE.

Mike Barracuda

KONA Radio

PO Box 2623, Tri-Cities

I've got someone going out to cover the school bus accident. Are we going to be able to breach the evacuation zone to cover it? Anyone hurt?

THIS IS AN EXERCISE.

Ralph Roberts, news manager

KOMO News

100 4th Ave. N., Seattle

We heard there was rumor going around there about a contamination leak on the grounds at Plant 2. What's the story? People exposed? What's being done to restore the grounds? What do you know about the place being blocked off from the public now? Can we send a crew over to videotape? Can we have access to the plant? How about if we fly overhead?



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64Q		Control Cell			
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ASSOCIATED WITH MESSAGES		DRILL TIME 0700 HOURS TO 0800 HOURS			
		INFORMATION APPLIES TO			
		Media Control Team			

THIS IS AN EXERCISE.

Sam Snell

The Oregonian

1320 SW Broadway, Portland

What's the latest on the school bus accident--someone put the story on the wire. Any kids hurt? What's the damage to the vehicles? How'd it happen? Is the accident interfering with the evacuation? Who's in charge of the situation out there--the state police?

THIS IS AN EXERCISE.

Kelly King, reporter

KHQ News

South 4202 Regal, Spokane

I'll be going on the air in a little while, what's the situation out there now?

THIS IS AN EXERCISE.

Leslie Lowens, reporter

KING News

320 Aurora Ave. No., Seattle

I was just told senior management at the Supply System is attempting to cover-up the fact that Plant 2 has contaminated the Columbia River, is that true? Will your managing director be making a public statement denying the situation? What about Carl Halverson--has he said anything yet?

THIS IS AN EXERCISE.

Wilma Williams, news director

KEPR-TV

PO Box 2648, Pasco

We're getting a lot of concerned calls out here about the school bus accident. Has that impeded the evacuation? I've got one old guy who called and said he was afraid to drive on the road now and get stuck out in the open with all the radiation. Do you want to call him back? (Name: Gramps Gardner, 300 Selph Landing, phone: _____)
) What should I tell our listeners?



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THIS IS AN EXERCISE.
Sandra Shear, reporter
Associated Press
201 Boren North, Seattle

Our reporter out at the evacuation center called in and said there is a woman there, Janice Jones, who said her husband, John, is missing out on the Columbia River. Apparently he and a friend were on a fishing trip somewhere out there. Has anyone found them? What's the possibility of these men walking around contaminated? Do you know if anyone is looking for these guys?



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ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO Rumor Control Team	

THIS IS AN EXERCISE.
(15) Janice Jones
777 Stevens Dr., Richland

I called a while ago to find out about my husband John Jones. He and a friend of his, Steve Shanks from Seattle, are fishing by the Columbia River, have you found them? Is anyone looking for them? (He usually fishes off the Ringold River Road. Have address and phone handy (description: red mountain tent; blue Subaru stationwagon; black Labrador setter).

TWO LISTS BELOW MAKE UP CALLERS REGARDING EVACUATION STATUS AND CALLERS REGARDING THE SCHOOL BUS ACCIDENT. MIX AND MATCH.

THE FOLLOWING RESIDENTS DON'T KNOW THAT THE EVACUATION HAS BEEN CALLED OFF. THEY ARE CALLING FOR EVACUATION INSTRUCTIONS/INFORMATION--IT IS EXPECTED THAT THEY WILL BE TOLD TO REMAIN IN THEIR HOMES. THEY CAN REACT WITH DISBELIEF OR WITH QUESTIONS ABOUT WHAT HAS HAPPENED AND WHY IS IT SAFE TO STAY HOME.

(17) Marvin Moses
666 Howart Rd., Pasco

(18) Lillian Leroy
654 N. Cherry Drive, Pasco

(19) Harvey Hansen
2233 Cottonwood Drive, Pasco

THE FOLLOWING ARE PARENTS/FRIENDS OF CHILDREN ENROLLED AT EDWIN MARKHAM SCHOOL

(20) Lucy Larson
5432 Country Haven Loop
child: Linda, age 9

(21) Bob Bartrowe
222 Elm Rd., Pasco
child: Brad, 7, Bonnie, 10

(22) Carol Coucharis
9000 Taylor Flats Rd.
child: Cathy, age 9



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RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM

TO

☐ AM☐ PM

REAL TIME 1240

1330

DRILL TIME 0710

HOURS TO

0800

HOURS

ASSOCIATED WITH MESSAGES

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(23) Sonya Smith
1234 Birch Rd., Pasco
child: Samatha, age 8



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RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM

TO

☐ AM☐ PM

REAL TIME

0800

0900

DRILL TIME

1230

HOURS

TO

1430

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Media Response Team

Partial termination

CALLS REGARDING PLANT STATUS AND FOLLOW UP ON SCHOOL BUS ACCIDENT, MISSING FISHERMEN,
AND COLUMBIA RIVER CONTAMINATION RUMOR FROM ANY OF THE MEDIA LISTED AT BEGINNING



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SHEET NO.

RESPONSIBLE CONTROLLER (LOCATION)

64V

Control Cell

VALID FOR TIMES OF:

☐ AM

TO

☐ AM

REAL TIME 0800

☐ PM

0900

☐ PM

DRILL TIME 1130

HOURS TO

1430

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Media Response Team

Partial termination

CALLS REGARDING PLANT STATUS AND FOLLOW UP ON SCHOOL BUS ACCIDENT, MISSING FISHERMEN,
AND COLUMBIA RIVER CONTAMINATION RUMOR FROM ANY OF THE PEOPLE LISTED AT BEGINNING OR
MAKE NAMES UP



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

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SHEET NO. 65	RESPONSIBLE CONTROLLER (LOCATION) Control Cell		
VALID FOR TIMES OF: REAL TIME 1200 <input type="checkbox"/> AM TO 1300 <input type="checkbox"/> PM		DRILL TIME 0600 HOURS TO 0800 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO Rumor Control Disaster Welfare Inquiries	

YOU ARE

- 1) Susan Chambers
444 Smith St.
Sacramento, CA
(209) _____
Controller's Number

Rhodine Hinckle's Mother

CALLING FOR

Rhodine Hinckle
760 W. A
Pasco, WA
(509) 547-0009

Other Residents: Larry Husband
Occupation: Housewife, husband
unemployed

NOTES: _____

YOU ARE

- 2) Judy Mason
1222 Sweetwater Lane
Redding, CA
(916) _____
Controller's Number

Jamie Mason's Mother

CALLING FOR

Jamie Mason
Star R. Box 185
Mesa, WA
(509) 547-7772

Other Resident: Daughter-Alison
Son-Samuel

Occupation: Grocery Clerk

NOTES: _____



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

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SHEET NO. 65A RESPONSIBLE CONTROLLER (LOCATION) Control Cell

VALID FOR TIMES OF: ☐ AM TO ☐ AM
REAL TIME 1200 ☐ PM TO 1300 ☐ PM DRILL TIME 0630 HOURS TO 0800 HOURS

ASSOCIATED WITH MESSAGES INFORMATION APPLIES TO
Rumor Control Disaster Welfare
Inquiries

YOU ARE

- 3) Ken Garner
10823 S. E. 240th
Kent, WA 98031
(206)

Controller's Number

Sue Garner's Father

CALLING FOR

Sue Garner
Address Unknown - new in Mesa
phone number only
(509) 547-2828

Other Residents: NONE
Occupation: Waitress in Bowling Alley
in Pasco - don't know name

NOTES:

YOU ARE

- 4) Jerry George
1405 Shady Lane
Yakima, WA
(509)

Controller's Number

Chris George's Husband

CALLING FOR

Chris George
1405 Shady Lane
Yakima, WA
(509) 533-6621

Other Residents: Same
Occupation: Rockwell Secretary
200 E. Area

NOTES:



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
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VALID FOR TIMES OF:		<input type="checkbox"/> AM	<input type="checkbox"/> AM
REAL TIME	1200	<input type="checkbox"/> PM TO	1300 <input type="checkbox"/> PM
ASSOCIATED WITH MESSAGES		DRILL 0630 HOURS TO 0800 HOURS	
		INFORMATION APPLIES TO Rumor Control Disaster Welfare Inquiries	

YOU ARE

- 5) Sarah Sanders
Travel Lodge Rm 222
Renton, WA
(206)

Controller's Number

Susie Mother

NOTES:

CALLING FOR

Susie Sanders
123 Fir Way, Pasco

(509) _____

Other Residents: Brothers-Sonny & Sam
Occupation: (Students and infants)

YOU ARE

)

(916) _____
Controller's Number

Susie Mother

CALLING FOR

() _____

Other Residents:

Occupation:

NOTES:



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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SHEET NO. 65C RESPONSIBLE CONTROLLER (LOCATION) Control Cell

VALID FOR TIMES OF: ☐ AM TO ☐ AM 0630 HOURS TO 0800 HOURS
REAL TIME 1200 ☐ PM TO ☐ PMASSOCIATED WITH MESSAGES INFORMATION APPLIES TO
Rumor Control Disaster Welfare
InquiriesYOU ARE

- 6) Douglas Gilmore
P.O. Box 332
Umatilla, OR
(503) _____
Controller's Number

Andy Gilmore Brother

CALLING FOR

Andy Gilmore
R. R. 1, Box 399
Eltopia, WA
(509) 266-9996

Other Residents: NONE
Occupation: Postman

NOTES: _____

_____YOU ARE

- 7) Burton Hammond
Box 40
Touchet, WA
(509) _____
Controller's Number

Janson Jasper's Step Father

CALLING FOR

Janson Jasper
909 Prince St.
Pasco, WA 99343
(509) 265-4384

Other Residents: Wife: Peggy
Grandson: McClean Johnson
Occupation: Grocer at the Crossroads
Grocery Store

NOTES: _____



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

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65D

RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM

TO

☐ AM

☐ PM

REAL TIME

1200

☐ PM

1300

DRILL TIME 0630

HOURS

TO

0800

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Rumor Control Disaster Welfare
Inquiries

YOU ARE

- 8) Charles Longwell
1102 Cascade St.
Sunnyside, WA
(509)

Controller's Number

John Longwell's Father

CALLING FOR

John Longwell
Star Rt. Box 101
Mesa, WA 99343
(509) 265-4233

Other Residents: NONE
Occupation: Equipment Operator
Plant 2

NOTES:

YOU ARE

- 9) Frank Pasquale
77 Kirby Lane
Pasco, WA
(509)

Controller's Number

Steve Pasquale's Brother

CALLING FOR

Steve Pasquale
3663 Glenwood
Eltopia, WA 99343
(509) 265-4456

Other Residents: NONE
Occupation: Custodian at Mesa School

NOTES:



WASHINGTON PUBLIC POWER

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Control CellVALID FOR TIMES OF: ☐ AM ☐ AM
REAL TIME 1200 ☐ PM TO 1300 ☐ PM DRILL TIME 0630 HOURS TO 0800 HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Rumor Control Disaster Welfare
InquiriesYOU ARE10) Gary Gleason
100 Hollywood Blvd
Hollywood, CA
()
Controller's Number

Glenda's Father

CALLING FORGlenda Gleason
8910 Glenwood, Eltopia
(509) _____Other Residents: NONE
Occupation: Photographer with
Home OfficeNOTES: _____

_____YOU ARE

)

(916) _____
Controller's NumberCALLING FOROther Residents:
Occupation:NOTES: _____



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

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65F

RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM

☐ PM

TO

☐ AM

☐ PM

DRILL TIME 0630

HOURS TO

0800

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Rumor Control Disaster Welfare
Inquiries

YOU ARE

- 11) Phil Dunlap
Box 19
Rural Route 4
Corvallis, OR
(503)

Controller's Number

Marvin Dunlap's Father

CALLING FOR

Marvin Dunlap
Star R. Box 109
Mesa, WA 99343
(509) 265-4412

Other Residents: Wife: Judy
Occupation: Pipefitter at WPPSS

NOTES:

YOU ARE

- 12) Harry Palmer
2201 W. 30th
Portland, OR
(503)

Controller's Number

Lisa Morgan's Father

CALLING FOR

Lisa Morgan
6699 Country Haven Loop
Pasco, WA 99343
(509) 265-4273

Other Residents: Husband: William
Occupation: Waitress in Connell
Husband: Unemployed

NOTES:



WASHINGTON PUBLIC POWER

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65G

RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 1200

☐ PM

TO

1300

☐ PM

DRILL TIME 0630

HOURS TO

0800

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Rumor Control Disaster Welfare
InquiriesYOU ARE13) Sarah Shanks
1122 Hathaway
Seattle, WA
()

Controller's Number

Steve's Wife

NOTES:

CALLING FORSteve Shanks
Fishing on Columbia River

()

Other Residents: Visting: John Jones
Occupation: 777 Stevens Drive
Richland, WAYOU ARE

1)

(916)

Controller's Number

Lisa Morgan's Father

NOTES:

CALLING FOR

()

Other Residents:
Occupation:



WASHINGTON PUBLIC POWER

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RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM

TO

☐ AM☐ PM

DRILL TIME

0630

HOURS

TO

0800

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Rumor Control Disaster Welfare
InquiriesYOU ARE

- 14) Roland Read
972 E. 1st
Cornucopia, Calif.
(714)

Controller's Number

Floyd Read's Father

NOTES: _____

_____CALLING FOR

Floyd Read
789 17th Ave, Pasco
(509)

Other Residents: Wife: Virginia
Occupation: Stock Broker for
Merrill Lynch

YOU ARE

- 15) Brad Snow
10122 N. Allegheny
Portland, OR
(503)

Controller's Number

Dick Townsend's Step Brother

NOTES: _____

_____CALLING FOR

Dick Townsend
Star Rt. Box 161
Mesa, WA 99343
(509) 265-4363

Other Residents: NONE
Occupation: Warehouseman for WPPSS



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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65I

RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 1200

☐ PM

TO

1300

☐ PM

DRILL 0620

HOURS TO

0800

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Rumor Control Disaster Welfare
InquiriesYOU ARE

- 16) Carolyn Mervis
100 S. 19th, Apt. 10
San Francisco, CA
(415)

Controller's Number

Suzanne Harper's Mother

CALLING FOR

Suzanne Harper
99 Glenwood Rd.
Eltopia, WA 99343
(509) 265-4238

Other Residents: Husband: David
Occupation: Secretary - Pasco Bank
Husband - Farmer

NOTES:

YOU ARE

- 17) Terry MacPhearson
104 Mountain St.
Boulder, Colorado
(303)

Controller's Number

Bruce Warner's Sister

CALLING FOR

Bruce Warner
Star Rt. Box 170
Mesa, WA 99343
(509) 265-4348

Other Residents: Wife: Mary
Foster Son: Horace Davis
Occupation: Plant 2

NOTES:



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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SHEET NO.

65J

RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME

1200

☐ PM TO

1300

☐ PM

DRILL TIME 0630

HOURS TO

0800

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Rumor Control Disaster Welfare
InquiriesYOU ARE

- 18) Maxine Raymond
9077 S. E. 40th
Billings, Montana
(406)

Controller's Number

Lowell Edward's Mother

NOTES:

CALLING FOR

Lowell Edwards
Star Rt. Box 164
Mesa, WA 99343
(509) 265-4394

Other Residents: NONE
Occupation: WPPSS Mechanic

YOU ARE

- 19) Darrell Hill
513 N. Z Street
Chantilly, Ohio
(513)

Martena Schmidt's Brother

NOTES:

CALLING FOR

Martena Schmidt
Star Rt. Box 109
Elthopia, WA 99330
(509) 266-4234

Other Residents: Husband: Randolph
Occupation: Housewife
Husband: Hanford Patrol



WASHINGTON PUBLIC POWER

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SHEET NO.

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RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM☐ PM

TO

1300

☐ AM☐ PM

DRILL TIME 0630

HOURS

TO

0800

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Rumor Control Disaster Welfare
InquiriesYOU ARE

- 19) Patty Blair
9045 Coronado St.
Cowntown, New Jersey
(609)

Controller's Number

Kaye Bryant's Sister

NOTES:

CALLING FOR

Kaye Bryant
477 Linda Lane
Pasco, WA 99343
(509) 265-4375

Other Residents: NONE

Occupation: Supply System

YOU ARE

- 21) Barry Marsh
84 Sunshine Lane
Corolla, South Carolina
(803)

Controller's Number

Richard Marsh's Brother

NOTES:

CALLING FOR

Richard Marsh
Star Rt. Box 115
Eltopia, WA 99330
(509) 265-4614

Other Residents: NONE

Occupation: Electrician at Franklin Co.
PUD



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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<input type="checkbox"/> AM TO 1300 <input type="checkbox"/> PM		<input type="checkbox"/> AM TO 0800 <input type="checkbox"/> PM HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO	

Rumor Control Disaster Welfare
InquiriesYOU ARE22) Ralph Mercer
45 River St.
Mugata, Mississippi
(601)

Controller's Number

Robert Mercer's Father

Occupation: Unemployed
Brother-in-law: FarmerCALLING FORRobert Mercer
Star Rt. Box 113
Eltopia, WA 99330
(509) 297-4388Other Residents: Sister Sarah
Brother-in-law: JackNOTES: _____

_____YOU ARE23) John Shepard
455 Scandinavia St.
Minneapolis, Minnesota
(218)

Controller's Number

Dave Shepard's Father

CALLING FORDave Shepard
Star Rt. Box 122
Mesa, WA 99343
(509) 265-4261Other Residents: NONE
Occupation: WPPSS CarpenterNOTES: _____



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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ASSOCIATED WITH MESSAGES		DRILL TIME 0630	HOURS TO 0800 HOURS

INFORMATION APPLIES TO
Rumor Control Disaster Welfare
InquiriesYOU ARE24) Marlene Carter
31099 Milton
New York, New York 10022
(212)Controller's Number

Lillian Cornwell's Sister

CALLING FORLillian Cornwell
Star Rt. Box 120
Mesa, WA 99343
(509) 265-4403Other Residents: Husband: Walter
Occupation: Farm Wife
Husband: FarmerNOTES: _____

_____YOU ARE25) Janet Kinney
12 East Benton Ave.
Chicago, Illinois
(312)Controller's Number

Dennis Sullivan's Sister

CALLING FORDennis Sullivan
Star Rt. Box 130
Eltopia, WA 99330
(509) 266-4459Other Residents: NONE
Occupation: Rockwell ChemistNOTES: _____



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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SHEET NO. 65N RESPONSIBLE CONTROLLER (LOCATION) Control Cell

VALID FOR TIMES OF: ☐ AM ☐ PM TO 1300 ☐ AM ☐ PM DRILL TIME 0630 HOURS TO 0800 HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Rumor Control Disaster Welfare
Inquiries

YOU ARE

26) Lottie Lane
5733 N. Seal Ave.
Oklahoma, City, Oklahoma
(405)

Controller's Number

Alice Lane's Sister

NOTES:

CALLING FOR

Alice Lane
Star Rt. Box 127
Eltopia, WA 99330
(509) 297-4404

Other Residents: None

Occupation: Westinghouse Engineer

YOU ARE

27) Kathleen Olson
4033 E. Doupe St.
Centralia, Illinois
(309)

Controller's Number

Allen Little's Sister

NOTES:

CALLING FOR

Allen Little
Star Rt. Box 123
Eltopia, WA 99330
(509) 226-4209

Other Residents: Wife: Bonnie

Occupation: Rockwell Teamster



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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SHEET NO.

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RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM☐ PM

TO

1300

☐ AM☐ PM

DRILL TIME 0630

HOURS

TO

0800

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Rumor Control Disaster Welfare
InquiriesYOU ARE28) Sandra Smith
444 175th
Seattle, WA
(512)

Controller's Number

CALLING FORSamantha Smith
1234 Birch Rd
Pasco, WA 99330
(509) 297-6642Other Residents: Mother: Sonya
Dad: SamOccupation: Student (in school bus
accident

NOTES:

YOU ARE

)

(916)

Controller's Number

CALLING FOR

()

Other Residents:
Occupation:

NOTES:



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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VALID FOR TIMES OF: REAL TIME 1200		<input type="checkbox"/> AM <input type="checkbox"/> PM	TO 1300 <input type="checkbox"/> AM <input type="checkbox"/> PM
ASSOCIATED WITH MESSAGES		DRILL TIME 0630 HOURS	TO 0800 HOURS

INFORMATION APPLIES TO
Rumor Control Disaster Welfare
InquiriesYOU ARE

- 29) Clarence Zimmerman
112 Devon Ave.
Dallas, Texas
(512)

Controller's Number

Chuck Taggart's Step Father

NOTES:

CALLING FOR

Chuck Taggart
Star Rt. Box 117
Eltopia, WA 99330
(509) 297-6642

Other Residents: Brother: Randy
Occupation: Tri-City Bus Driver

YOU ARE

- 30) Sydney Sutton Jr.
495 Cattle Drive Rd.
Greenwater, Oklahoma
(405)

Controller's Number

Sydney Sutton's Son

NOTES:

CALLING FOR

Sydner Sutton
Star Rt. Box 178
Mesa, WA 99343
(509) 265-4376

Other Residents: NONE
Occupation: Retired



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM

TO

1300

☐ AM☐ PM

DRILL TIME

0630

HOURS TO

0800

HOURS

REAL TIME

1200

☐ PM

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Rumor Control Disaster Welfare
InquiriesYOU ARE31) Chuck Caller
Work 100 Sound Ave.
Kennewick, WA
()

Controller's Number

Carol's Father

NOTES:

CALLING FORCarol Caller
202 Sagemore Rd.
Pasco, WA 99330
()Other Residents: Mother: Candis
Occupation: Student (in bus accident)YOU ARE32) Dan Dalton
Dalton Chevrolet
Pasco, WA 99301
(916)

Controller's Number

Darnel's Father

NOTES:

CALLING FORDarnel Dalton
3223 Fir Way
Pasco, WA 99343
()Other Residents: Mother: Denise
Occupation: Student (in bus accident)



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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REAL TIME 1200 ☐ PM TO 1300 ☐ PM DRILL TIME 0630 HOURS TO 0800 HOURSASSOCIATED WITH MESSAGES INFORMATION APPLIES TO
Rumor Control Disaster Welfare
InquiriesYOU ARE33) Anna Ruth Schultz
409 Boston Ave.
Des Moines, Iowa
(515)

Controller's Number

Kris Shaw's Sister

CALLING FORKris Shaw
Star Rt. Box 176
Mesa, WA 99343
(509) 265-4364Other Residents: Husband: Jeff
Occupation: School Teacher at
Ritzville
Husband: FarmerNOTES: _____

_____YOU ARE34) Rene Underwood
9851 Renton
Movie, Tennessee
(615)

Controller's Number

Lonnie Stone's Mother

CALLING FORLonnie Stone
Star Rt. Box 145
Mesa, WA 99343
(509) 265-4271Other Residents: Husband: Jesse
Occupation: Student CBC
Husband: Student CBCNOTES: _____



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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Rumor Control Disaster Welfare
Inquiries

YOU ARE

35) Carol Willis
777 Lewis Rd.
Gillette, WYO.
(307)
Controller's Number

Stanley Shaffer's Sister

NOTES:

CALLING FOR

Stanley Shaffer
Star Rt. Box 140
Mesa, WA 99343
(509) 269-4746Other Residents: Wife: Matilda
Occupation: Unemployed

YOU ARE

36) Darcy Price
717 Grosscup Rd.
West Richland, WA
(509)
Controller's Number

Brad Kline's Step Brother

NOTES:

CALLING FOR

Brad Kline
Star Rt. Box 150
Mesa, WA 99343
(509) 265-4462Other Residents: NONE
Occupation: Farmhand for Lewis Farms



WASHINGTON ELECTRIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
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SHEET NO.

65T

RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM☐ PM TO

1300

☐ AM☐ PM

DRILL TIME 0630

HOURS TO

0800

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Rumor Control Disaster Welfare
InquiriesYOU ARE37) Nancy Nearly
Work: Kadlec Hospital
Richland, WA
()

Controller's Number

Ned's Mother

NOTES:

CALLING FORNed Nearly
100 Cypress Drive
Pasco, WA
()

Other Residents: NONE

Occupation: Student (in bus accident)

YOU ARE38) John Jansen
500 Cascade Ave.
Richland, WA
()

Controller's Number

Jan's Grandfather

NOTES:

CALLING FORJan Jensen
4489 Birch Road
Pasco, WA 99343
()

Other Residents: Janice Jansen: Mother

Occupation: Student (in bus accident)



WASHINGTON PUBLIC POWER

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ASSOCIATED WITH MESSAGES		DRILL TIME 0630	HOURS TO 0800 HOURS

INFORMATION APPLIES TO
Rumor Control Disaster Welfare
InquiriesYOU ARE

- 39) Julie Koontz
510 Pollis Street
Frankfurt, Kentucky
(606)

Controller's Number

Duane Rice's Sister

NOTES: _____

_____CALLING FOR

Duane Rice
111 Glenwood Rd.
Eltopia, WA 99330
(509) 265-4599

Other Residents: Wife: Micky
Occupation: Part-time Farm Hand

YOU ARE

- 34) Lori Lawson
655 Bonneville St.
Atlanta, Georgia
(912)

Controller's Number

Martin Lawson's Mother

NOTES: _____

_____CALLING FOR

Martin Lawson
Star Rt. Box 133
Mesa, WA 99343
(509) 265-4377

Other Residents: Son: Steve
Occupation: Telephone Lineman



WASHINGTON PUBLIC POWER

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ASSOCIATED WITH MESSAGES		DRILL TIME 0630	HOURS TO 0800 HOURS

INFORMATION APPLIES TO
Rumor Control Disaster Welfare
InquiriesYOU ARE

41) Thomas Oliver
2709 Lynn Ave.
Baton Rouge, Louisiana
(318) _____
Controller's Number

Jim Sloan's Stepfather

NOTES: _____

_____CALLING FOR

Jim Sloan
300 Stick Drive
Othello, WA 99343
(509) 265-4377

Other Residents: Wife: Bernadette
Occupation: Janitor/Battele

YOU ARE

42) Martha Robinson
9943 Snake
Boca Roton, Florida
(813) _____
Controller's Number

Leonard Robinson's Sister

NOTES: _____

_____CALLING FOR

Leonard Robinson
400 9th Ave.
Pasco, WA 99343
(509) 265-4358

Other Residents: Brother: Dave
Occupation: Health Physicist - WPPSS



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

SHEET NO.

65W

RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM

TO

1300

☐ AM☐ PM

REAL TIME

1200

☐ PM

DRILL TIME

0630

HOURS

TO

0800

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Rumor Control Disaster Welfare
InquiriesYOU ARE

- 43) Thomas Eberhardt
820 Willard Avenue
Philadelphia, Pennsylvania
(814)

Controller's Number

Kelley Eberhardt's Father

CALLING FOR

Kelly Eberhardt
811 Hilltop Dr.
Pasco, WA 99343
(509) 265-4377

Other Residents: Friend: Susie Quick
Occupation: Clerk Typist - Pasco
Airport

NOTES:

YOU ARE

- 44) Clifford Frost
420 Deercreek Rd.
Providence, Rhode Island
(401)

Controller's Number

Grant Frost's Father

CALLING FOR

Grant Frost
700 Country Haven Loop
Pasco, WA 99343
(509) 265-4329

Other Residents: Brother: Vance
Occupation: Realtor/Lerrys Realty

NOTES:



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

DRILL NO. 1985 EMERGENCY EXERCISE PAGE _____ of _____

SHEET NO. 65X RESPONSIBLE CONTROLLER (LOCATION) Control Cell

VALID FOR TIMES OF: ☐ AM ☐ PM REAL TIME 1200 TO 1300 ☐ AM ☐ PM DRILL TIME 0630 TO 0800 HOURS HOURS

ASSOCIATED WITH MESSAGES INFORMATION APPLIES TO Rumor Control Disaster Welfare Inquiries

YOU ARE

45) Edgar Conrad
1700 Davison Ave.
Richland, WA
(509)

Controller's Number

Dean Conrad's Father

CALLING FOR

Dean Conrad
323 Fir Way
Pasco, WA 99343
(509) 943-2396

Other Residents: Wife: Tanji
Occupation: Security Officer - WPPSS

NOTES: _____



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

DRILL NO. 1985 EMERGENCY EXERCISE		PAGE 1 of 1	
SHEET NO. 66	RESPONSIBLE CONTROLLER (LOCATION) Control Cell		
VALID FOR TIMES OF: REAL TIME 1330 <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1430 <input type="checkbox"/> AM <input type="checkbox"/> PM		DRILL TIME 0800 HOURS TO 0900 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO Media Response Team	

Partial termination

CALLS REGARDING PLANT STATUS AND FOLLOW UP ON SCHOOL BUS ACCIDENT, MISSING FISHERMEN,
AND COLUMBIA RIVER CONTAMINATION RUMOR FROM ANY OF THE MEDIA LISTED ON DATA SHEET 64
OR MAKE NAME UP



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

SHEET NO. 67		1985 EMERGENCY EXERCISE		PAGE 1 of 1
VALID FOR TIMES OF:		RESponsible Controller (Location)		
REAL TIME 1000		DRILL TIME 0430		HOURS TO 0800
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO		
		County Emergency Operations		
		Center Response		

Data Sheet	Input Time	Input To	Input From
A	1020	Franklin Co. Sheriff's REP	Control Cell
B	1025	Any County Commissioner	Control Cell
C	1030	Facility REP	Control Cell
D	1035	District Health Representative	Control Cell
E	1045	WSP REP	Control Cell
F	1050	Transportation Coordinator	Control Cell
G	1100	County PIO	Control Cell
H	1110	ARC REP	Control Cell
I	1120	Fire Coordinator	Control Cell
J	1125	Pasco Dispatch/Franklin County Sheriff's Rep	Control Cell
K	1135	County PIO	Control Cell
L	1140	Fire Coordinator	Control Cell
M	1150	Benton Co. Sheriff's Rep	Control Cell
N	1155	Receptionist	Control Cell
O	1200	County PIO	Control Cell
P	1205*	DEM Director	Control Cell
Q	1210	EOC Staff	EOC Radio Controller
R	1215	Transportation Coordinator	EOC Radio Controller
S	1217	Radio Operator/ARC Rep	EOC Radio Controller
T	1220	WSP REP	Control Cell



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO.		1985 EMERGENCY EXERCISE		PAGE 2 of 2	
SHEET NO.		RESPONSIBLE CONTROLLER (LOCATION)			
67 Cont					
VALID FOR TIMES OF:		<input type="checkbox"/> AM		<input type="checkbox"/> AM	
REAL TIME 1000		<input type="checkbox"/> PM TO 1330		<input type="checkbox"/> PM	
ASSOCIATED WITH MESSAGES		DRILL TIME 0430		HOURS TO 0800 HOURS	
		INFORMATION APPLIES TO			
		County Emergency Operations Center Response			

Data Sheet	Input Time	Input To	Input From
U	<u>1222</u>	District Health Rep	Control Cell
V	<u>1230</u>	County PIO	Control Cell
W	<u>1232</u>	Pasco Dispatch Operator	Control Cell
X	<u>1235</u>	Fire Coordinator	Control Cell
Y	<u>1240</u>	County PIO	Control Cell
Z	<u>1240</u>	District Health Rep	Control Cell
AA	<u>1245</u>	Franklin Co. Sheriff	Control Cell
AB	<u>1247</u>	District Health Rep	
AC	<u>1250</u>	State Rep	
AD	<u>1252</u>	Receptionist	Control Cell
AE	<u>1255</u>	DEM Director	State EOC (over LGS Radio)
AF	<u>1257</u>	Receptionist	Control Cell
AG	<u>1300</u>	Richland Police Rep	State EOC Radio Controller (CB-23)
AH	<u>1302</u>	County PIO	State EOC (over LGS Radio)
AI	<u>1305</u>	EOC Staff	EOC Radio Controller (CB-23)

* Time critical with JIC input.



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

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GENERAL DATA SHEET

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SHEET NO.

RESPONSIBLE CONTROLLER (LOCATION)

67 Cont.

VALID FOR TIMES OF:

☐ AM

TO 1330

☐ AM

☐ PM

REAL TIME 1000

DRILL TIME 0430

HOURS TO 0800

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

County Emergency Operations
Center Response

Data Sheet	Input Time	Input To	Input From
AJ	<u>1307</u>	Pasco Dispatch/Franklin County Sheriff's Rep	Control Cell
AK	<u>1310</u>	Kennewick Dispatch/Benton County Sheriff's Rep	Control Cell
AL	<u>1312</u>	Emergency Chairman	State EOC Control Cell
AM	<u>1315</u>	Radio Operator/ County Commissioner	County EOC Radio Controller



WASHINGTON STATE POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE 4 of
SHEET NO. 67A	RESPONSIBLE CONTROLLER (LOCATION) Control Cell	
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1145		DRILL TIME 0445 HOURS TO 0615 HOURS
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response

Input Time Planned: 1020 Actual _____

MESSAGE FOR: Franklin Co. Sheriff Rep.

MESSAGE FROM: Sgt. Smiley, Franklin Co. Sheriff's Dept.

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

I'm over at the Sheriff's office getting ready to go on patrol - thought I'd better take an emergency worker kit since this problem is going on at WNP-2. Where do I find out emergency worker kits?

Response

<u>Anticipated</u>	<u>Actual</u>
Tells him where the kits are in the station.	



WASHINGTON, PI. 97010 POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
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SHEET NO.

67B

RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM

TO 1145

☐ AM☐ PM

REAL TIME 1015

DRILL TIME 0445 HOURS TO 0615

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

County Emergency Operations
Center Response

Input Time Planned: 1025

Actual

MESSAGE FOR: Any Commissioner

MESSAGE FROM: Representative Rhinestone

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

Say! Just heard about the WNP-2 problem - How is the County doing? - Are you getting help from the Supply System? Is DOE helping out? If you need any pressure on DOE or EPA, I can help. I'm in my D.C. office this week and you can reach me at 1-301-777-8600.

Response

Anticipated

Actual

1. Answers questions.

2. Records Phone #.



WASHINGTON ELECTRIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

F L NO. 1985 EMERGENCY EXERCISE		PAGE 6 of 6
SHEET NO. 67C	RESPONSIBLE CONTROLLER (LOCATION) Control Cell	
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1145		DRILL TIME 0445 HOURS TO 0615 HOURS
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response

Input Time Planned: 1030

Actual _____

MESSAGE FOR: Facility REP

MESSAGE FROM: Congressman Cosmos

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

Who are you? Boy, why did they turn me over to you! I wanted to talk with Commissioner Miller, he's an ole buddy of mine - But since I've got you, what does a Facility REP do in the County EOC?

(Note to Controller: Don't let him transfer you to Commissioner Miller).

Response

Anticipated	Actual
1. Tell him about the job of a Facility REP.	_____
2. Briefs Emergency Chairman/EOC Staff.	_____



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

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SHEET NO.

67D

RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM☐ PM

TO 1145

☐ AM☐ PM

DRILL TIME 0445 HOURS TO 0615

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

County Emergency Operations
Center Response

Input Time Planned: 1035

Actual

MESSAGE FOR: District Health Officer

MESSAGE FROM: Maggie Magpie, West Richland City Clerk

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

We have had a query from a resident who explained that her husband who works at Hanford has provided the family some potassium iodide to take in case of a Hanford radiation leak, and now with the WNP-2 disaster, she has asked us if they should take this medicine. How should we respond to this query?

ResponseAnticipatedActual

Explains that the resident need not take the KI.



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

LL NO.

1985 EMERGENCY EXERCISE

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of

SHEET NO.

67E

RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 1015

☐ PM

TO 1145

☐ PM

DRILL TIME 0445

HOURS TO 0615

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

County Emergency Operations
Center Response

Input Time Planned: 1045

Actual _____

MESSAGE FOR: WSP REP

MESSAGE FROM: WSP Command Post

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

Unit 671 on Highway 396 reports a tractor-trailer and 2 car accident at SR395 and Eltopia West. The road (395) is blocked in both directions - the trailer has overturned spilling tomatoes all over the roadway. Six people are injured. *3 Three* ambulances, 2 tow trucks, 1 wrecker big enough to handle tractor and trailer plus dump truck and front end loader to move the tomatoes have been requested.

Response

Anticipated

Actual

1. Records info.
2. Post Board/Chart/Map.
3. Briefs EOC Staff.



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO.

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PAGE

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SHEET NO.

67F

RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM☐ PM

TO 1230

☐ AM☐ PM

REAL TIME 1030

DRILL TIME 0500 HOURS TO 0700

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

County Emergency Operations
Center ResponseInput Time Planned: 1050

Actual _____

MESSAGE FOR: Transportation Coordinator

MESSAGE FROM: Dudley Dispatch, Bus Supervisor, Pasco School District

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

Say all my bus drivers are on vacation and I believe North Franklin School District is out also. Anyhow, I heard about the Whoops problem and I know we are supposed to help with emergency transportation, but 1 bus with me driving is about it for here!

ResponseAnticipatedActual

1. Records info.

2. Arranges (impromptu) for busing backup.



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

DRILL NO. EXERCISE 85		PAGE 10 of 10
SHEET NO. 67G	RESPONSIBLE CONTROLLER (LOCATION) Control Cell	
VALID FOR TIMES OF: REAL TIME 1015 <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1145		DRILL TIME 0445 <input type="checkbox"/> AM <input type="checkbox"/> PM HOURS TO 0615 HOURS
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response

Input Time Planned: 1100

Actual _____

MESSAGE FOR: County PIO

MESSAGE FROM: Willy Winchester, Benton City Cyclist

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

Me and the boys are going up to Horse Heavens Hills to run motorbikes awhile will we get radiated from Whoops?

Response

Anticipated

Actual

1. Handle as concerned citizen.

2. No radiation from WNP-2.

WASHINGTON PUBLIC POWER
SUPPLY SYSTEMCONTROLLER INFORMATION
GENERAL DATA SHEET

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1985 EMERGENCY EXERCISE

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SHEET NO.

67H

RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 1100

☐ PM

TO 1230

☐ PM

DRILL TIME 0530

HOURS TO 0700

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

County Emergency Operations
Center Response

Input Time Planned: 1110

Actual _____

MESSAGE FOR: ARC REP

MESSAGE FROM: Helen Hartburn, wife of Connell CBer

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

My husband just called me on the CB with a message. A Red Cross van behind him asked him to relay this message, "This is Sally Swiftaid, my crew and I are northbound on 395 and we are in a traffic jam about a mile south of Eltopia road. And we are supposed to go to Mesa School for this emergency! Has the evacuation started yet? What are my instructions?"

Response

Anticipated

Actual

Lady is asked to relay that they:

- o Should hold their position
- o Evacuation has not started



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SUPPLY SYSTEM

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GENERAL DATA SHEET

DRILL NO. EXERCISE 85		PAGE 12 of 12	
SHEET NO. 67I	RESPONSIBLE CONTROLLER (LOCATION) Control Cell		
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM	TO 1230	DRILL TIME 0545 HOURS TO 0700 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response	

Input Time Planned: 1120 Actual _____

MESSAGE FOR: Fire Coordinator

MESSAGE FROM: Thurston Thurman, firefighter - Basin City

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

I'm here at the Basin City fire station - question: How much radiation can I receive before it is harmful?

Response

<u>Anticipated</u>	<u>Actual</u>
Answers question, possibly with help of the Health District Representative.	



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO.

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SHEET NO.

67J

RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 1115

☐ PM

TO 1230

☐ PM

CALL TIME 0545

HOURS TO 0700

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

County Emergency Operations
Center Response

Input Time Planned: 1125

Actual

MESSAGE FOR: Pasco Dispatch Operator/Franklin Co. Sheriff's Rep.

MESSAGE FROM: Deputy Deerslayer, Franklin Co. Sheriff's Dept.

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

I am at the scene of the accident on Highway 395 at Eltopia West Road. The truck driver claims he was right across the river from the Whoops plant, and that he could smell some of the bad stuff coming out and was speeding to escape sterilization. Several people have carted off tomatoes in cars, pickups, and even a group of bikers scooped some up. They were headed north on 395. This highway may be blocked for about 1 hour.

Response

Anticipated

Actual

1. Dispatch operator informs
Franklin County Sheriff's Rep
in EOC.
2. Sheriff's Rep:
 - o Briefs WSP Rep
 - o Posts map
 - o Updates EOC staff

Note: EOC Controllers watch if queries to the Implementation Group about an unaccounted for camping/fishing party on the Columbia. See Rumor Control Team query from Janice Jones, 1015-1145. Inform Lead Control Call Controller of results.



WASHINGTON ELECTRIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

DRILL NO.

EXERCISE 85

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SHEET NO.

67K

RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 1130

☐ PM

TO 1230

☐ PM

DRILL TIME 0630

HOURS TO 0700

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

County Emergency Operations
Center ResponseInput Time Planned: 1135

Actual _____

MESSAGE FOR: County PIO

MESSAGE FROM: Henry Haystaker, Franklin Co. Farmer

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

I live at Eltopia West and Taylor Flats, near Mathews Corners. Elmer, my prize boar hog just dropped over dead after eating. I'm wondering how much radiation Whoops is putting out - we'll be lucky if we don't all keel over dead from it. How do I process a claim for Elmer?

ResponseAnticipatedActual

Handles as an irate caller.



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

FILE NO.		1985 EMERGENCY EXERCISE		PAGE 15 of	
SHEET NO.		RESPONSIBLE CONTROLLER (LOCATION)			
67L		Control Cell			
VALID FOR TIMES OF:		<input type="checkbox"/> AM		<input type="checkbox"/> AM	
REAL TIME 1130		<input type="checkbox"/> PM TO 1230		<input type="checkbox"/> PM	
ASSOCIATED WITH MESSAGES		DRILL TIME 0600 HOURS TO 0700 HOURS			
		INFORMATION APPLIES TO			
		County Emergency Operations			
		Center Response			

Input Time Planned: 1140 Actual

MESSAGE FOR: Fire Coordinator

MESSAGE FROM: Willard Williams, Firefighter, Basin City Fire Station

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

Me an 3 other guys are here at Basin City Station - we've already gotten out emergency worker kits. Now what do we do? Are they going to evacuate people? By the way, who is supposed to be in charge of the station if we go out on the evacuation verification?

Response

Anticipated	Actual
Inform the caller:	
1. to hold position	
2. they are holding - don't know yet	
3. that the ranking persons should stay behind to manage station.	



WASHINGTON ELECTRIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE 16 of 16
SHEET NO. 67M	RESPONSIBLE CONTROLLER (LOCATION)	
VALID FOR TIMES OF: REAL TIME 1145 <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1230 <input type="checkbox"/> AM <input type="checkbox"/> PM		DRILL TIME 0615 HOURS TO 0700 HOURS
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response

Input Time Planned: 1150

Actual _____

MESSAGE FOR: Benton Co. Sheriff Rep

MESSAGE FROM: Frank Ferguson, President of Shallow Draft Boats Co., Spokane

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

I own this little boat company here in Spokane. I understand you may have to evacuate the river during an emergency at Hanford - also for drills - . My company makes a 22 footer that draws 1" of water. I believe it would run the Columbia easily. I'd like to bring one down today and demonstrate it. How long does it take you to evacuate the river with you present boat? Ours should be able to do better.

Response

Anticipated

Actual

Take # and my promise to get back to him.

or

Tell him to contact them when they aren't so busy.



WASHINGTON ELECTRIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE 17 of	
SHEET NO. 67N	RESPONSIBLE CONTROLLER (LOCATION) Control Cell		
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM		<input type="checkbox"/> AM <input type="checkbox"/> PM	
REAL TIME 1145 TO 1230		DRILL TIME 0615 HOURS TO 0700 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response	

Input Time Planned: 1155

Actual _____

MESSAGE FOR: Receptionist

MESSAGE FROM: Edna Elton, 100 Glenwood Rd., Eltopia

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

I'm in a wheelchair and will need help evacuating!

ResponseAnticipatedActual

1. Receptionist should pass call to Transportation Coordinator.
2. Transportation Coordinator should contact Sheriff Rep/Fire Coordinator and advise of action.



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE 18 of
SHEET NO. 670	RESPONSIBLE CONTROLLER (LOCATION) Control Cell	
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM		DRILL TIME 0615 HOURS TO 0700 HOURS
REAL TIME 1145 TO 1230		
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response

Input Time Planned: 1200

Actual _____

MESSAGE FOR: County PIO

MESSAGE FROM: Carl Cresthill, President, Connell Canine Club

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

My club is taking out dogs on field trials in east Franklin County. Will this stuff from Whoops ruin the scent trails for them? We can cancel that meet, but we'll have to charge Whoops for the gas and time we'll waste!

Response

Anticipated

Actual

Handles as concerned citizen call,
responding there will not be any
impact.



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE 19 of
SHEET NO. 67P	RESPONSIBLE CONTROLLER (LOCATION) Control Cell	
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> AM REAL TIME 1145 <input type="checkbox"/> PM TO 1230 <input type="checkbox"/> PM		DRILL TIME 0615 HOURS TO 0700 HOURS
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response

Input Time Planned: 1205

Actual _____

MESSAGE FOR: DEM Director

MESSAGE FROM: Dave Dodson, Principal, Edwin Markham School

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

I'm Dave Dodson
Principal, Edwin Markham School
4031 Elm Road

I goofed up and called the Supply System first they recommended that I call you, -- so --I want to let you know that out evacuation here at the school is proceeding okay but with one big hitch. Someone plowed into the side of one of our school buses heading out of the area. No one was hurt but it's caused a big traffic jam. This happened at the corner of Selph Landing and Taylor Flats Road. We've got the kids continuing their evacuation in the district's fire department vehicles.

Response

Anticipated	Actual
1. Posts board, and ensures another school bus is on the way for pick-up, instead of another fire vehicle.	
2. May pass call to Fire Coordinator or Sheriff's Deputy.	
3. May also pass to Transportation Coordinator.	



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE 20 of
SHEET NO. 67Q	RESPONSIBLE CONTROLLER (LOCATION) County EOC Radio Controller (over HAM net)	
VALID FOR TIMES OF: REAL TIME 1200	<input type="checkbox"/> AM <input type="checkbox"/> PM TO 1230	<input type="checkbox"/> AM <input type="checkbox"/> PM DRILL TIME 0630 HOURS TO 0700 HOURS
ASSOCIATED WITH MESSAGES	INFORMATION APPLIES TO County Emergency Operations Center Response	

Input Time Planned: 1210

Actual _____

MESSAGE FOR: County EOC - Anyone

MESSAGE FROM: Rhonda Rhoads

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

This is Rhonda Rhoads
9876 W. Fir Road, Pasco

Where is my little girl?--is she all right? She was evacuated out of Edwin Markham School, now there's been a bus crash and I want to know if she's all right? Her name is Rena, she's eight years old. Call me back. My call letters are KSEX-766.

Response

Anticipated	Actual
1. Radio operator routes message to message control.	_____
2. Message control routes message to Red Cross.	_____
3. Red Cross answers message.	_____



WASHINGTON ELECTRIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO.		1985 EMERGENCY EXERCISE		PAGE 21 of	
SHEET NO.		RESPONSIBLE CONTROLLER (LOCATION)			
67R		County EOC (Radio Controller CB)			
VALID FOR TIMES OF:		<input type="checkbox"/> AM		<input type="checkbox"/> AM	
REAL TIME 1200		<input type="checkbox"/> PM TO 1230		<input type="checkbox"/> PM	
ASSOCIATED WITH MESSAGES		DRILL TIME 0630		HOURS TO 0700 HOURS	
		INFORMATION APPLIES TO			
		County Emergency Operations Center Response			

Input Time Planned: 1215 Actual

MESSAGE FOR: Transportation Coordinator

MESSAGE FROM: Tyre Tripper, North Franklin School District Bus Supervisor

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

One of my buses was in an accident at Selph Landing and Taylor Flats! It will be 30 minutes before I could get a replacement down there - Do you want it? According to the driver, no one was hurt except the bus (ole yeller my oldest mack).

Response

Anticipated	Actual
1. Radio operator takes message and passes to message controller.	
2. Message controller should pass to transportation coordinator.	
3. Transportation coordinator should agree on bus to release FD vehicles.	



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE 22 of
SHEET NO. 67S	RESPONSIBLE CONTROLLER (LOCATION) EOC Radio Controller	
VALID FOR TIMES OF: REAL TIME 1200	<input type="checkbox"/> AM <input type="checkbox"/> PM TO 1240	<input type="checkbox"/> AM <input type="checkbox"/> PM DRILL TIME 0630 HOURS TO 0710 HOURS
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response

Input Time Planned: 1217 Actual _____

MESSAGE FOR: Radio Operator and ARC Rep

MESSAGE FROM: W6KZZ HAM Operator

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

I'm stuck in a traffic jam just north of Pasco north bound on 395 (more like 2 miles south of Eltopia Rd.). I was suppose to go to Connell High School for this Exercise - What are my instructions - are you evacuating people from the 10-mile EPZ yet?

Response

<u>Anticipated</u>	<u>Actual</u>
Radio operator relays to ARC Rep.	
ARC Rep advises caller to continue	
if possible, and that evacuation	
has not started.	



WASHINGTON PUBLIC POWER
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NO. 1985 EMERGENCY EXERCISE		PAGE 23 of
SHEET NO. 67T	RESPONSIBLE CONTROLLER (LOCATION)	
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM	TO 1240	DRILL TIME 0700 HOURS TO 0710 HOURS
REAL TIME 1230	INFORMATION APPLIES TO	
ASSOCIATED WITH MESSAGES	County Emergency Operations Center Response	

Input Time Planned: 1220

Actual _____

MESSAGE FOR: WSP Rep

MESSAGE FROM: WSP Command Post

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

Update from Unit 671 on Highway 395. He reports that 3 ambulances just left with 6 injured, they are on the way to Our Lady of Lourdes: County and State Road departments are here with 4 dump trucks and 2 front end loaders. Tow trucks have removed 2 cars and the large wrecker is here and should get the tractor-trailer cleared soon. It will probably be 15 minutes before we can open the highway to traffic.

Response

Anticipated	Actual
1. Records info	
2. Posts Boards/Chart/Maps	
3. Update EOC Staff	



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
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GENERAL DATA SHEET

F L NO. 1985 EMERGENCY EXERCISE		PAGE 24 of
SHEET NO. 67U	RESPONSIBLE CONTROLLER (LOCATION) Control Cell	
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM	TO 1240	<input type="checkbox"/> AM <input type="checkbox"/> PM
REAL TIME 1230	DRILL TIME 0700	HOURS TO 0700 HOURS
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response

Input Time Planned: 1222 Actual _____

MESSAGE FOR: District Health Rep

MESSAGE FROM: Dr. Dew, ER Resident at Our Lady of Lourdes

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

We have 3 ambulances on the way here with 6 injured from a car/truck accident on Highway 395. We are a little swamped right now - could we send 1 ambulance with 2 patients to Kennewick General? Also, might warn you, all of the patients are complaining about being contaminated with radioactive material! We have RADIAC meters in ER - so we'll check them out and I'll get back to you soon!

Response

Anticipated	Actual
1. Checks w/Kennewick General (control cell)	_____

2. Calls Dr. Dew back or notifies EDC	_____

WASHINGTON PUBLIC POWER
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L NO. 1985 EMERGENCY EXERCISE		PAGE 25 of
SHEET NO. 67V	RESPONSIBLE CONTROLLER (LOCATION) Control Cell	
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM	TO 1240	
REAL TIME 1230	<input type="checkbox"/> AM <input type="checkbox"/> PM	
ASSOCIATED WITH MESSAGES		DRILL TIME 0700 HOURS TO 0710 HOURS
		INFORMATION APPLIES TO County Emergency Operations Center Response

Input Time Planned: 1230

Actual _____

MESSAGE FOR: County PIO

MESSAGE FROM: Princess Pollen

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

I am with the Syewash Indian Nation and we just want you to know we think that you are doing a good job and to please keep up the good work. When do you think the emergency will be over? Do these emergencies take a lot of time and planning? By the way, how do you spell you name, I want to be sure I get it right in the tribal newsletter, etc., (Note, keep individual tied up as long as possible).

Response

Anticipated

Actual

1. Handles as any concerned citizen call:

2. Cuts off when call becomes lengthy.



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SUPPLY SYSTEM

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L NO. 1985 EMERGENCY EXERCISE		PAGE 26 of	
SHEET NO. 67W	RESPONSIBLE CONTROLLER (LOCATION) Control Cell		
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1240		<input type="checkbox"/> AM <input type="checkbox"/> PM DRILL TIME 0700 HOURS TO 0710 HOURS	
REAL TIME 1230			
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response	

Input Time Planned: 1232 Actual _____

MESSAGE FOR: Pasco Dispatch Operator/Franklin Co. Sheriff's Rep.

MESSAGE FROM: Deputy Donovan, Franklin County Sheriff's Dept.

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

The accident site at 395/Eltopia West appears to be clear, but the traffic flow is heavy. I would not recommend any evacuation traffic until normal flow is resumed here or we could block traffic on 395 when evacuation is about to start!

Response

Anticipated	Actual
Dispatch operator informs Franklin Co. Sheriff's Rep who:	
1. Records Info	
2. Notifies WSP	
3. Posts Board/Maps/Chart	
4. Updates EOC Staff	



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GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE 27 of	
SHEET NO. 67X	RESPONSIBLE CONTROLLER (LOCATION) Control Cell		
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM REAL TIME 1230 TO 1240		<input type="checkbox"/> AM <input type="checkbox"/> PM DRILL TIME 0700 HOURS TO 0710 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response	

Input Time Planned: 1235 Actual _____

MESSAGE FOR: Fire Coordinator

MESSAGE FROM: Lt. Leftwetter, firefighter at Selph and 68 Rd.

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

Me and six other guys are here at the station. I will stay at the station to manage it, since I'm the ranking and only officer here. But do you have any idea where the emergency worker kits are located? Does it look like they are going to evacuate?

Response

<u>Anticipated</u>	<u>Actual</u>
1. Records data	_____
2. Tells him where kit is.	_____
3. Responds they are looking at the problem closely, and updates on evacuation.	_____



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GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE 28 of	
SHEET NO. 67Y	RESPONSIBLE CONTROLLER (LOCATION) Control Cell		
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1240		<input type="checkbox"/> AM <input type="checkbox"/> PM DRILL TIME 0700 HOURS TO 0710 HOURS	
REAL TIME 1230			
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response	

Input Time Planned: 1240 Actual _____

MESSAGE FOR: County PIO

MESSAGE FROM: Alice Allguard, Pasco, Fisherman's Wife

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

My ole man went fishing near Ringold this morning. I wonder where he is at now with this WNP-2 problem? Was the river cleared? Where do they take people when they get that Whoops dust on them? With that radiation out there at the site, I wonder are the fish ok to eat? I have never seen any glow from the ones that be brought home, however?

Response

<u>Anticipated</u>	<u>Actual</u>
Handle as an irate call.	



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SUPPLY SYSTEM

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GENERAL DATA SHEET

CALL NO. 1985 EMERGENCY EXERCISE		PAGE 29
SHEET NO. 67Z	RESPONSIBLE CONTROLLER (LOCATION) Control Cell	
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM	TO 1300	
REAL TIME 1230	DRILL TIME 0700	HOURS TO 0730 HOURS
ASSOCIATED WITH MESSAGES	INFORMATION APPLIES TO County Emergency Operations Center Response	

Input Time Planned: 1242 Actual _____

MESSAGE FOR: District Health Rep.

MESSAGE FROM: Dr. Dinwittie, Our Lady of Lourdes ER Resident

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

These people from the accident on 395 do not have any radioactive materials/debris on them. Only a lot of tomatoes ha ha ha ha.....

Response

Anticipated	Actual
1. Records info.	
2. Notifies EOC staff	



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

F L NO. 1985 EMERGENCY EXERCISE		PAGE 30 of
SHEET NO. 67AA	RESPONSIBLE CONTROLLER (LOCATION) Control Cell	
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM REAL TIME 1240 <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1300		DRILL TIME 0710 HOURS TO 0730 HOURS
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response

Input Time Planned: 1245 Actual _____

MESSAGE FOR: Franklin Co. Sheriff

MESSAGE FROM: Undersheriff Uhlhorn, Adams County

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

One of our deputies just stopped a car near Hatton, a woman and couple of children. They have the back seat full of loose tomatoes. The lady says, "she picked them up on the Highway 395 from a traffic accident in Franklin Co., and that they have radioactive dust on them but that she is not afraid of a few Roentgen having had a hysterectomy". Can you shed some light on this? Is there anything to the radioactive contamination problem?

Response

Anticipated	Actual
1. Records that the accident situation has been corrected.	
2. Responds that there is not any contamination.	



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SUPPLY SYSTEM

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GENERAL DATA SHEET

L NO.

1985 EMERGENCY EXERCISE

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SHEET NO.

67AB

RESPONSIBLE CONTROLLER (LOCATION)

Control Cell

VALID FOR TIMES OF:

☐ AM

☐ AM

REAL TIME 1240

☐ PM

TO 1300

☐ PM

DRILL TIME 0710

HOURS TO 0730

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

County Emergency Operations
Center Response

Input Time Planned: 1247

Actual _____

MESSAGE FOR: Health Dist. Rep.

MESSAGE FROM: Matthew Mattenhorn, Pasco Fruit Vendor

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

I just got a good deal on 10 bushels of tomatoes that I now fear may have come from that truck wreck on Highway 395. Could they be radioactive?

Response

Anticipated _____

Actual _____

Answers question with a No



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SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

F L NO. 1985 EMERGENCY EXERCISE		PAGE 32 of
SHEET NO. 67AC	RESPONSIBLE CONTROLLER (LOCATION) Control Cell	
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1300		DRILL TIME 0710 HOURS TO 0730 HOURS
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response

Input Time Planned: 1250 Actual _____

MESSAGE FOR: State Rep.

MESSAGE FROM: Jake Jobber, Superintendent, State DOT Shop in Pasco

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

One of my men who was running a Michigan Loader picking up tomatoes on that 395 accident just came down sick. He is at his doctor's office right now and the doctor just called here, wanting to know if the tomatoes had any radiation on them, maybe you can help. The doctor is Dr. Downer at (Control Cell Tel # _____).

Response

<u>Anticipated</u>	<u>Actual</u>
Informs Health Dist. Rep.	_____



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SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE 33 of
SHEET NO. 67AD	RESPONSIBLE CONTROLLER (LOCATION) Control Cell	
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM	DRILL TIME 0710 HOURS TO 0730 HOURS	
REAL TIME 1240	TO 1300	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response

Input Time Planned: 1252 Actual

MESSAGE FOR: Receptionist

MESSAGE FROM: Lorraine Russel, Walla Walla County DEM

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

Say! The State notified me this morning at 0545 of an Unusual Event at WNP-2 - I haven't heard another thing - their lines are jammed - my LGS is down. Can you let me know what's going on and is the ingestion EPZ of Walla Walla County effected?

Response

Anticipated	Actual
1. Receptionist should pass along to State Rep.	
2. State REP should answer question and tell she will keep her posted until state get lines back operation!	



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SUPPLY SYSTEM

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GENERAL DATA SHEET

F L NO. 1985 EMERGENCY EXERCISE		PAGE 34 of
SHEET NO. 67AE	RESPONSIBLE CONTROLLER (LOCATION) State EOC (over LGS radio)	
VALID FOR TIMES OF: REAL TIME 1240	<input type="checkbox"/> AM <input type="checkbox"/> PM TO 1300	<input type="checkbox"/> AM <input type="checkbox"/> PM DRILL TIME 0710 HOURS TO 0730 HOURS
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response

Input Time Planned: 1255

Actual _____

MESSAGE FOR: DEM Director

MESSAGE FROM: DEM Director - Yakima County

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

This is State EOC - Don Thompson of Yakima wants you to call him by phone at _____. He wants to know if you have any indication of traffic increases towards Yakima County. Please let me know over LGS Radio - I'll relay to him.

Response

Anticipated	Actual
1. Radio operator records message and routes to message controller.	
2. Message controller routes to Director.	
3. Director responds.	



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DRILL NO. EXERCISE 85		PAGE 35 of	
SHEET NO. 67AF	RESPONSIBLE CONTROLLER (LOCATION) Control Cell		
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1300		<input type="checkbox"/> AM <input type="checkbox"/> PM DRILL TIME 0710 HOURS TO 0730 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response	

Input Time Planned: 1257 Actual _____

MESSAGE FOR: Receptionist at County EOC

MESSAGE FROM: Melvin Milker

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

Let me speak to somebody who knows something! I live down here near Ringold, have a few cow that I milk and there are fire trucks and Sheriff's cars all over the place. What's going on?

Response

Anticipated	Actual
1. Should boss call tp PIP	
2. PIO should handle as irate/Rumor Control Cell.	



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE 36 of
SHEET NO. 67AG	RESPONSIBLE CONTROLLER (LOCATION) Control Cell	
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM REAL TIME 1300 TO 1300		DRILL TIME 0730 HOURS TO 0800 HOURS
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response

Input Time Planned: 1300

Actual _____

MESSAGE FOR: Richland Police Rep.

MESSAGE FROM: Bart Blocker, Richland Public Works

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

This is Bart Blocker. Say my boys are standing by to man road blocks in West Richland and they don't have any of the KI stuff, are we supposed to have it? My CB handle is Big Bad Bart, get back to me soon, I'm monitoring 23.

Response

Anticipated	Actual
1. Radio operator records message and passes along to message controller.	
2. Message controller routes message to Richland Police Rep.	
3. Police Rep. responses - You will not need KI unless you go into evacuated area.	



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

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GENERAL DATA SHEET

CALL NO. 1985 EMERGENCY EXERCISE		PAGE 37 of	
SHEET NO. 67AH	RESPONSIBLE CONTROLLER (LOCATION) State EOC (over LGS Radio)		
VALID FOR TIMES OF: REAL TIME 1300 <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1330		DRILL TIME 0730 HOURS TO 0800 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response	

Input Time Planned: 1302

Actual _____

MESSAGE FOR: County PIO

MESSAGE FROM: Sam Snell, The Oregonian

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

(Note: To State Communications, you are relaying the call for this news fellow).

Sam Snell
The Oregonian
1320 Broadway, Portland

Response

Anticipated	Actual
1. Radio operator - takes message down and routes to message controller.	
2. PIO calls back with info.	



WASHINGTON ELECTRIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

F L NO. 1985 EMERGENCY EXERCISE		PAGE 38 of
SHEET NO. 67AI	RESPONSIBLE CONTROLLER (LOCATION) County EOC Radio Controller (CB)	
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1330		DRILL TIME 0730 HOURS TO 0800 HOURS
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response

Input Time Planned: 1305

Actual _____

MESSAGE FOR: EOC Staff

MESSAGE FROM: Calvin Catfish (intoxicated)

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

Say, give me somebody who can tell me if these catfish I have are radioactive - I'm on Channel 23 my handle is CC (see-see) and if I don't hear something soon I'll call the President of the Issac Walton League.

Response

Anticipated	Actual
1. Radio operator - takes message and passes to message controller.	
2. Message controller should pass to PIO.	
3. PIO handle as irate call.	



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GENERAL DATA SHEET

DRILL NO. EXERCISE 85		PAGE 39 of	
SHEET NO. 67AJ		RESPONSIBLE CONTROLLER (LOCATION) Control Cell	
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM		<input type="checkbox"/> AM <input type="checkbox"/> PM	
REAL TIME 1300 TO 1330		DRILL TIME 0730 HOURS TO 0800 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response	

Input Time Planned: 1307

Actual

MESSAGE FOR: Pasco Dispatch

MESSAGE FROM: Deputy Sam Spade, Franklin County

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

Check with the Undersheriff or the Sheriff's Rep at the EOC as to where our emergency worker kits are located.

Response

Anticipated

Actual

1. Dispatch should call Undersheriff
or Sheriff's Rep.

2. Undersheriff should tell him.



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE 40 of
SHEET NO. 67AK	RESPONSIBLE CONTROLLER (LOCATION) Control Cell	
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1330		DRILL TIME 0730 HOURS TO 0800 HOURS
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response

Input Time Planned: 1310

Actual _____

MESSAGE FOR: Kennewick/Richland EDC

MESSAGE FROM: Patrolman Merle Muzzle, Richland PD

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

Check with the Richland P.D. Rep in the EOC and let me know where our Emergency worker kits are stored.

Response

Anticipated

Actual

1. Dispatch should call PD REP.
2. PD REP should tell him where they are at.



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

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1985 EMERGENCY EXERCISE

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SHEET NO.

67AL

RESPONSIBLE CONTROLLER (LOCATION)

State EOC Control Cell (LGS Radio)

VALID FOR TIMES OF:

☐ AM

TO 1330

☐ AM

☐ PM

REAL TIME 1300

☐ PM

DRILL TIME 0730

HOURS TO 0800

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

County Emergency Operations
Center Response

Input Time Planned: 1312

Actual _____

MESSAGE FOR: Emergency Chairman - at County EOC

MESSAGE FROM: State EOC

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

The following message is relayed from Jim Witzel, County Commissioner, Grant County. I can't get through on your telephone lines or the States telephone lines so the State is calling you by radio for me! When will your evacuation be completed? The Grant County Sheriff has been monitoring traffic and has not seen any increase yet?

Response

Anticipated _____

Actual _____

Question is answered.



WASHINGTON ELECTRIC POWER
SUPPLY SYSTEM

CONTROLLER INFORMATION
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L NO. 1985 EMERGENCY EXERCISE		PAGE 42 of	
SHEET NO. 67AM	RESPONSIBLE CONTROLLER (LOCATION) County EOC Radio Controller		
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1330		DRILL TIME 0730 HOURS TO 0800 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO County Emergency Operations Center Response	

Input Time Planned: 1315 Actual

MESSAGE FOR: Radio Operator/County Commissioners

MESSAGE FROM: K4SEX HAM Operator

MESSAGE: THIS IS AN EXERCISE. THIS IS AN EXERCISE.

I just seen the Governor's Aircraft land at Richland Airport and the State Patrol picked him up in a patrol car and drove away. Does this mean the State is taking over this operation at WNP-2?

Response

Anticipated	Actual



WASHINGTON PUBLIC POWER
SUPPLY SYSTEM

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GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE _____ of _____	
SHEET NO. 68	RESPONSIBLE CONTROLLER (LOCATION) Field Team at River Pumphouse		
VALID FOR TIMES OF: REAL TIME 0545	<input type="checkbox"/> AM <input type="checkbox"/> PM	TO 1145	<input type="checkbox"/> AM <input type="checkbox"/> PM
ASSOCIATED WITH MESSAGES		DRILL TIME 0015	HOURS TO 0615 HOURS
		INFORMATION APPLIES TO Visual observation of meteorology at the River Pumphouse	

Provide upon request if actually at the pumphouse.

There is a very strong wind with erratic direction. Generally, the wind is blowing up the river. If the time is after 0815, it is also raining.



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SUPPLY SYSTEM

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GENERAL DATA SHEET

FILE NO. 1985 EMERGENCY EXERCISE		PAGE _____ of _____	
SHEET NO. 69	RESPONSIBLE CONTROLLER (LOCATION) Field Team at River Pumphouse		
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM		TO End of drill <input type="checkbox"/> AM <input type="checkbox"/> PM	
REAL TIME 1145		DRILL TIME 0615 HOURS TO 9 HOURS	
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO Visual observation of meteorology at the River Pumphouse	

Provide upon request if actually at the pumphouse.

We have a light wind which is blowing generally across to down the river. It is no longer raining.



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GENERAL DATA SHEET

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

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SHEET NO.

70

RESPONSIBLE CONTROLLER (LOCATION)

MUDAC

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 0530

☐ PM

TO 0745

☐ PM

DRILL TIME 0 HOURS TO 0215

HOURS

ASSOCIATED WITH MESSAGES

2

INFORMATION APPLIES TO

Meteorology Tower

Wind
delta T
Temp.
Rain200/30
-1.8
9°C
0



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SUPPLY SYSTEM

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GENERAL DATA SHEET

L NO.		1985 EMERGENCY EXERCISE		PAGE	
SHEET NO.		RESPONSIBLE CONTROLLER (LOCATION)			
71		MUDAC			
VALID FOR TIMES OF:		<input type="checkbox"/> AM		<input type="checkbox"/> AM	
REAL TIME 0730		<input type="checkbox"/> PM TO 0814		<input type="checkbox"/> PM	
ASSOCIATED WITH MESSAGES		DRILL TIME 0220		HOURS TO 0244 HOURS	
		INFORMATION APPLIES TO			
		Backup Meteorology Tower			

Wind	190/27
Sigma Theta	28
Temp.	9°C
Rain	0



WASHINGTON PUBLIC POWER

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GENERAL DATA SHEET

DRILL NO.		1985 EMERGENCY EXERCISE		PAGE	
SHEET NO.		72		_____ of _____	
RESPONSIBLE CONTROLLER (LOCATION)		MUDAC			
VALID FOR TIMES OF:		<input type="checkbox"/> AM <input type="checkbox"/> PM			
REAL TIME 0815		TO 0830			
ASSOCIATED WITH MESSAGES		DRILL TIME 0245 HOURS TO 3 HOURS			
		INFORMATION APPLIES TO			
		1. Backup Meteorology Tower			
		2. Turbine Generator Bldg.			

1. Wind 200/25
Sigma Theta 30
Temp. 10°C
Rain 0.01 IN/HR
2. CPM Extended Range Monitors 0.25
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 346,600

NOTE: Plant data not to be provided unless RamTec or Owl screen has Turbine Generator Building selected.



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CONTROLLER INFORMATION
GENERAL DATA SHEET

L NO. 1985 EMERGENCY EXERCISE		PAGE _____ of _____	
SHEET NO. 73	RESPONSIBLE CONTROLLER (LOCATION) MUDAC		
VALID FOR TIMES OF:	<input type="checkbox"/> AM	<input type="checkbox"/> AM	DRILL TIME Request HOURS ^{TO} HOURS
REAL TIME Request	<input type="checkbox"/> PM	<input type="checkbox"/> PM	
ASSOCIATED WITH MESSAGES 2		INFORMATION APPLIES TO Weather Forecast	

The forecast for the Columbia Basin including the Tri-Cities is for strong southerly winds, thunderstorms and rain, heavy at times, through the morning. Rain will end and winds will drop off and become westerly this afternoon as a strong low pressure ridge passes through the area.



WASHINGTON PUBLIC POWER

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GENERAL DATA SHEET

DRILL NO. 1985 EMERGENCY EXERCISE PAGE ____ of ____

SHEET NO. 74 RESPONSIBLE CONTROLLER (LOCATION) MUDAC

VALID FOR TIMES OF: ☐ AM ☐ AM
REAL TIME 0830 ☐ PM TO 0845 ☐ PM DRILL TIME 0300 HOURS TO 0315 HOURSASSOCIATED WITH MESSAGES INFORMATION APPLIES TO
1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 200/30
Sigma Theta 25
Temp. 10°C
Rain 0.05 IN/HR
2. CPM Extended Range Monitors 1.64
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650

NOTE: If release but not been detected to not provide plant data unless RamTec or Owl screen has Turbine Generator Building selected.



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

DRILL NO. 1985 EMERGENCY EXERCISE PAGE _____ of _____

SHEET NO. 74A RESPONSIBLE CONTROLLER (LOCATION) MUDAC

VALID FOR TIMES OF: ☐ AM ☐ PM TO 0900 ☐ AM ☐ PM DRILL TIME 0315 HOURS TO 0330 HOURS
REAL TIME 0845

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 190/27
Sigma Theta 21
Temp. 11°C
Rain 0.1 IN/HR
2. CPM Extended Range Monitors 2.29
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650

NOTE: If release has not been detected, do not provide plant data unless RamTec or Owl screen has turbine generator selector.



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM
CONTROLLER INFORMATION
GENERAL DATA SHEET

DRILL NO.

1985 EMERGENCY EXERCISE

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SHEET NO.

74B

RESPONSIBLE CONTROLLER (LOCATION)

MUDAC

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 0900

☐ PM

TO 0915

☐ PM

DRILL TIME 0330 HOURS TO 0345

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 210/20
Sigma Theta 19
Temp. 10°C
Rain 0.2 IN/HR
2. CPM Extended Range Monitors 2.93
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650

NOTE: If release has not been detected, do not provide plant data unless RamTec or Owl screen has turbine generator selector.



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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GENERAL DATA SHEET

DRILL NO. 1985 EMERGENCY EXERCISE PAGE ____ of ____

SHEET NO. 74C RESPONSIBLE CONTROLLER (LOCATION) MUDAC

VALID FOR TIMES OF: ☐ AM ☐ AM
REAL TIME 0915 ☐ PM TO 0930 ☐ PM DRILL TIME 0345 HOURS TO 0400 HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 205/32
Sigma Theta 20
Temp. 11°C
Rain 0.3 IN/HR
2. CPM Extended Range Monitors 3.57
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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SHEET NO.

74D

RESPONSIBLE CONTROLLER (LOCATION)

MUDAC

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 0930

☐ PM

TO 0945

☐ PM

DRILL TIME 0400 HOURS TO 0415

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 200/28
Sigma Theta 21
Temp. 12°C
Rain 0.12 IN/HR
2. CPM Extended Range Monitors 4.21
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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GENERAL DATA SHEET

DRILL NO. 1985 EMERGENCY EXERCISE		PAGE _____ of _____
SHEET NO. 74E	RESPONSIBLE CONTROLLER (LOCATION) MUDAC	
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1000		<input type="checkbox"/> AM <input type="checkbox"/> PM
REAL TIME 0945		DRILL TIME 0415 HOURS TO 0430 HOURS
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 200/30
Sigma Theta 18
Temp. 12°C
Rain 0.08 IN/HR
2. CPM Extended Range Monitors 4.86
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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GENERAL DATA SHEET

DRILL NO.		1985 EMERGENCY EXERCISE		PAGE	
SHEET NO.		74F		RESPONSIBLE CONTROLLER (LOCATION)	
				MUDAC	
VALID FOR TIMES OF:		<input type="checkbox"/> AM		<input type="checkbox"/> AM	
REAL TIME 1000		<input type="checkbox"/> PM TO 1015		<input type="checkbox"/> PM	
ASSOCIATED WITH MESSAGES		DRILL TIME 0430		HOURS TO 0445	
				HOURS	

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 210/26
Sigma Theta 16
Temp. 11°C
Rain 0.07 IN/HR
2. CPM Extended Range Monitors 5.5
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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SHEET NO. 74G RESPONSIBLE CONTROLLER (LOCATION) MUDAC

VALID FOR TIMES OF: ☐ AM ☐ AM
REAL TIME 1015 ☐ PM TO 1030 ☐ PM DRILL TIME 0445 HOURS TO 0500 HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 215/29
Sigma Theta 17
Temp. 12°C
Rain 0.05 IN/HR
2. CPM Extended Range Monitors 6.14
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

DRILL NO.		1985 EMERGENCY EXERCISE		PAGE	
SHEET NO.		74H		_____ of _____	
RESPONSIBLE CONTROLLER (LOCATION)		MUDAC			
VALID FOR TIMES OF:		<input type="checkbox"/> AM <input type="checkbox"/> PM TO 1045			
REAL TIME 1030		<input type="checkbox"/> AM <input type="checkbox"/> PM DRILL TIME 0500 HOURS TO 0515 HOURS			
ASSOCIATED WITH MESSAGES		INFORMATION APPLIES TO			
		1. Backup Meteorology Tower			
		2. Turbine Generator Bldg.			

1. Wind 220/28
Sigma Theta 19
Temp. 12°C
Rain 0.04 IN/HR
2. CPM Extended Range Monitors 6.79
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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GENERAL DATA SHEET

DRILL NO. 1985 EMERGENCY EXERCISE PAGE ____ of ____

SHEET NO. 741 RESPONSIBLE CONTROLLER (LOCATION) MUDAC

VALID FOR TIMES OF: ☐ AM ☐ PM TO 1100 ☐ AM ☐ PM DRILL TIME 0515 HOURS TO 0530 HOURS
REAL TIME 1045

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 225/32
Sigma Theta 16
Temp. 13°C
Rain 0.02 IN/HR
2. CPM Extended Range Monitors 7.43
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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GENERAL DATA SHEET

DRILL NO.		1985 EMERGENCY EXERCISE		PAGE	
SHEET NO.		74J		RESPONSIBLE CONTROLLER (LOCATION)	
				MUDAC	
VALID FOR TIMES OF:		<input type="checkbox"/> AM		<input type="checkbox"/> AM	
REAL TIME 1100		<input type="checkbox"/> PM TO 1115		<input type="checkbox"/> PM	
ASSOCIATED WITH MESSAGES		DRILL TIME 0530		HOURS TO 0545	
				HOURS	
		INFORMATION APPLIES TO			
		1. Backup Meteorology Tower			
		2. Turbine Generator Bldg.			

1. Wind 215/29
Sigma Theta 17
Temp. 14°C
Rain 0.02 IN/HR
2. CPM Extended Range Monitors 8.07
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

DRILL NO.	1985 EMERGENCY EXERCISE	PAGE	_____ of _____
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SHEET NO.	74K	RESPONSIBLE CONTROLLER (LOCATION)	MUDAC
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VALID FOR TIMES OF:	<input type="checkbox"/> AM	<input type="checkbox"/> AM	DRILL TIME 0545 HOURS TO 0600 HOURS
REAL TIME 1115	<input type="checkbox"/> PM TO 1130	<input type="checkbox"/> PM	

ASSOCIATED WITH MESSAGES	INFORMATION APPLIES TO
	1. Backup Meteorology Tower
	2. Turbine Generator Bldg.

1. Wind 225/25
Sigma Theta 18
Temp. 15°C
Rain 0.01 IN/HR
2. CPM Extended Range Monitors 8.71
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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DRILL NO. 1985 EMERGENCY EXERCISE PAGE ____ of ____

SHEET NO. 74L RESPONSIBLE CONTROLLER (LOCATION) MUDAC

VALID FOR TIMES OF: ☐ AM ☐ PM TO 1145 ☐ AM ☐ PM DRILL TIME 0600 HOURS TO 0615 HOURS
REAL TIME 1130

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 230/20
Sigma Theta 19
Temp. 15°C
Rain 0.01 IN/HR
2. CPM Extended Range Monitors 9.36
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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SHEET NO.

74M

RESPONSIBLE CONTROLLER (LOCATION)

MUDAC

VALID FOR TIMES OF:

☐ AM

TO

1200

☐ AM☐ PM

REAL TIME 1145

☐ PM

DRILL TIME 0615 HOURS TO 0630

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 280/5
Sigma Theta 12
Temp. 20°C
Rain 0 IN/HR
2. CPM Extended Range Monitors 10.0
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

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SHEET NO.

74N

RESPONSIBLE CONTROLLER (LOCATION)

MUDAC

VALID FOR TIMES OF:

☐ AM

TO

☐ AM☐ PM

REAL TIME 1200

☐ PM

TO 1215

DRILL TIME 0630 HOURS TO 0645

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 280/5
Sigma Theta 10
Temp. 21°C
Rain 0 IN/HR
2. CPM Extended Range Monitors 10.0
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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DRILL NO. 1985 EMERGENCY EXERCISE PAGE ____ of ____

SHEET NO. 740 RESPONSIBLE CONTROLLER (LOCATION) MUDAC

VALID FOR TIMES OF: ☐ AM ☐ AM
REAL TIME 1215 ☐ PM TO 1230 ☐ PM DRILL TIME 0645 HOURS TO 0700 HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 290/5
Sigma Theta 9
Temp. 21°C
Rain 0 IN/HR
2. CPM Extended Range Monitors 10.0
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



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SHEET NO.

74P

RESPONSIBLE CONTROLLER (LOCATION)

MUDAC

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 1230

☐ PM

TO 1245

☐ PM

DRILL TIME 0700 HOURS TO 0715

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 290/5
Sigma Theta 7
Temp. 21°C
Rain 0 IN/HR
2. CPM Extended Range Monitors 1
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

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SHEET NO.

74Q

RESPONSIBLE CONTROLLER (LOCATION)

MUDAC

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 1245

☐ PM

TO 1300

☐ PM

DRILL TIME 0715 HOURS TO 0730

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 280/5
Sigma Theta 8
Temp. 22°C
Rain 0 IN/HR
2. CPM Extended Range Monitors 0
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

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SHEET NO.

74R

RESPONSIBLE CONTROLLER (LOCATION)

MUDAC

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 1300

☐ PM

TO 1315

☐ PM

DRILL TIME 0730 HOURS TO 0745

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 285/5
Sigma Theta 8
Temp. 22°C
Rain 0 IN/HR
2. CPM Extended Range Monitors 0
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



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SHEET NO.

74S

RESPONSIBLE CONTROLLER (LOCATION)

MUDAC

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 1315

☐ PM

TO 1330

☐ PM

DRILL TIME 0745 HOURS TO 0800

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 280/5
Sigma Theta 9
Temp. 22°C
Rain 0 IN/HR
2. CPM Extended Range Monitors 0
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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GENERAL DATA SHEET

DRILL NO. 1985 EMERGENCY EXERCISE PAGE ____ of ____

SHEET NO. 74T RESPONSIBLE CONTROLLER (LOCATION) MUDAC

VALID FOR TIMES OF: ☐ AM ☐ AM
REAL TIME 1330 ☐ PM TO 1345 ☐ PM DRILL TIME 0800 HOURS TO 0815 HOURSASSOCIATED WITH MESSAGES INFORMATION APPLIES TO
1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 275/5
Sigma Theta 10
Temp. 23°C
Rain 0 IN/HR
2. CPM Extended Range Monitors 0
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION

GENERAL DATA SHEET

DRILL NO. 1985 EMERGENCY EXERCISE		PAGE _____ of _____
SHEET NO. 74U	RESPONSIBLE CONTROLLER (LOCATION) MUDAC	
VALID FOR TIMES OF: <input type="checkbox"/> AM <input type="checkbox"/> PM TO 1400		<input type="checkbox"/> AM <input type="checkbox"/> PM DRILL TIME 0815 HOURS TO 0830 HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 280/5
Sigma Theta 10
Temp. 23°C
Rain 0 IN/HR
2. CPM Extended Range Monitors 0
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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GENERAL DATA SHEET

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SHEET NO.

74V

RESPONSIBLE CONTROLLER (LOCATION)

MUDAC

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 1400

☐ PM

TO 1415

☐ PM

DRILL TIME 0830 HOURS TO 0845

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 275/5
Sigma Theta 11
Temp. 24°C
Rain 0 IN/HR
2. CPM Extended Range Monitors 0
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

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SHEET NO.

74W

RESPONSIBLE CONTROLLER (LOCATION)

MUDAC

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 1415

☐ PM

TO 1430

☐ PM

DRILL TIME 0845 HOURS TO 0900

HOURS

ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

1. Backup Meteorology Tower
2. Turbine Generator Bldg.

1. Wind 280/5
Sigma Theta 11
Temp. 24°C
Rain 0 IN/HR
2. CPM Extended Range Monitors 0
CPM Count Range 1.0
Calibration Factor 0.0085
Vent Flow Rate: 86,650



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

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GENERAL DATA SHEET

PROJECT NO.		1985 EMERGENCY EXERCISE		PAGE _____ of _____	
SHEET NO.		RESPONSIBLE CONTROLLER (LOCATION)			
75		MUDAC and Environmental Field Teams			
VALID FOR TIMES OF:		<input type="checkbox"/> AM		<input type="checkbox"/> AM	
REAL TIME 0815		<input type="checkbox"/> PM TO 1430		<input type="checkbox"/> PM	
ASSOCIATED WITH MESSAGES		DRILL TIME 0245		HOURS TO 0900 HOURS	
		INFORMATION APPLIES TO Field Team Readings			

Refer to attached maps



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

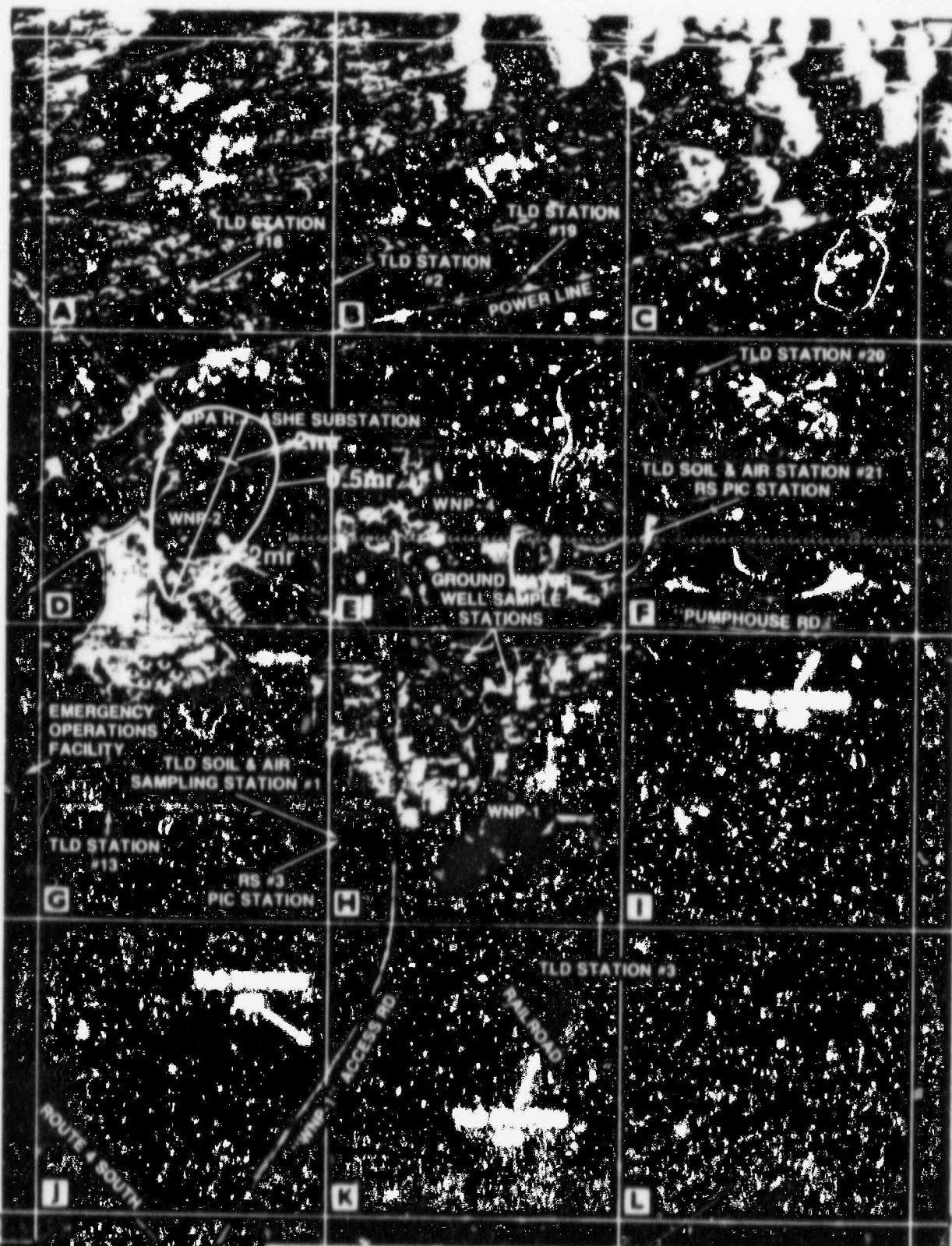
CONTROLLER INFORMATION

GENERAL DATA SHEET

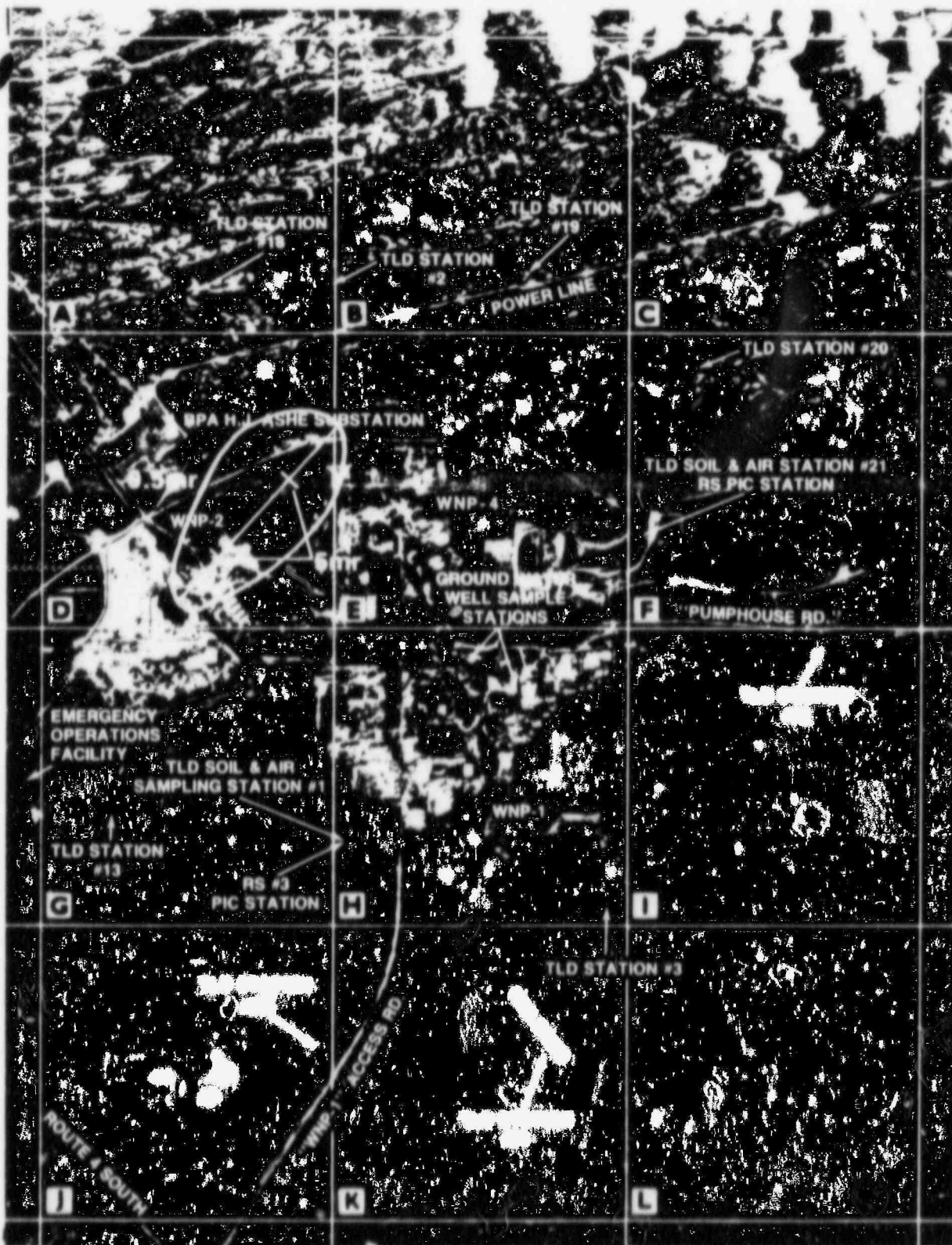
DRILL NO.		1985 EMERGENCY EXERCISE		PAGE _____ of _____	
SHEET NO.		RESPONSIBLE CONTROLLER (LOCATION)			
75A		MUDAC and Environmental Field Teams			
VALID FOR TIMES OF:		<input type="checkbox"/> AM		<input type="checkbox"/> AM	
REAL TIME		0815		TO 1430	
		<input type="checkbox"/> PM		<input type="checkbox"/> PM	
ASSOCIATED WITH MESSAGES		DRILL TIME		0245 HOURS TO 0900 HOURS	
		INFORMATION APPLIES TO			
		Field Team and Field Lab			

- o Field team dose rate readings will be given from the appropriate map dependent on the time of day.
- o Field lab readings on air samples:
 - o For all particulate filters given the field lab read 100 cpm. This equates to 1.75×10^{-9} uCi/cc.
 - o For charcoal cartridges the concentration of iodine will depend on the dose rate taken at the sample location.
 - o Dose rate should be documented on the Sample Identification Worksheet. Give the field lab the concentration based on the dose rate after they have analyzed the cartridge.
 - o If no dose rate is given Sample Identification Worksheet refer to maps (sample location for sample time).
 - o The cursory check countrate will be given to the field lab members when they do the cursory check. This is also based on dose rate at sample location.

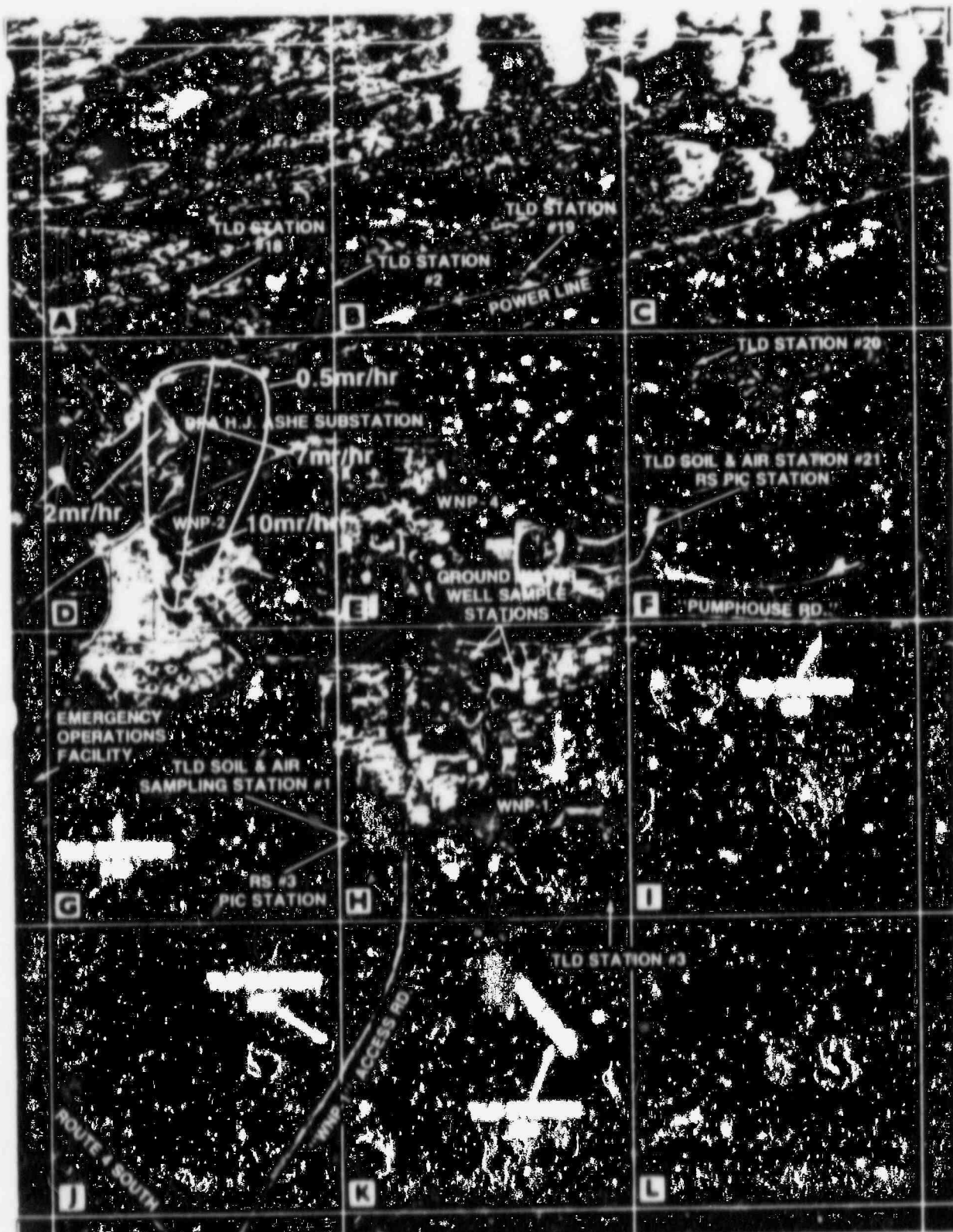
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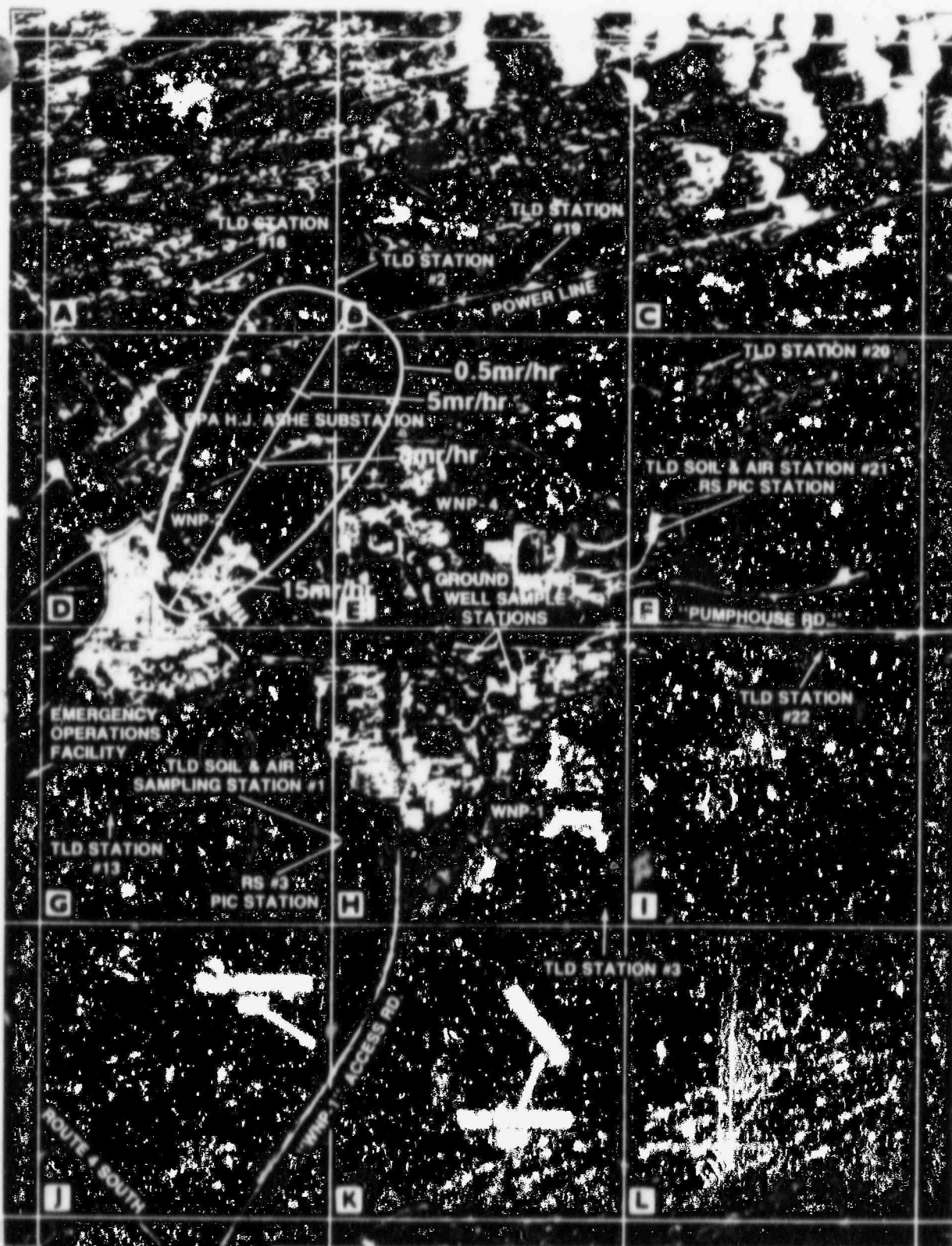
Valid
0815 To 0830
All readings in mr/hr



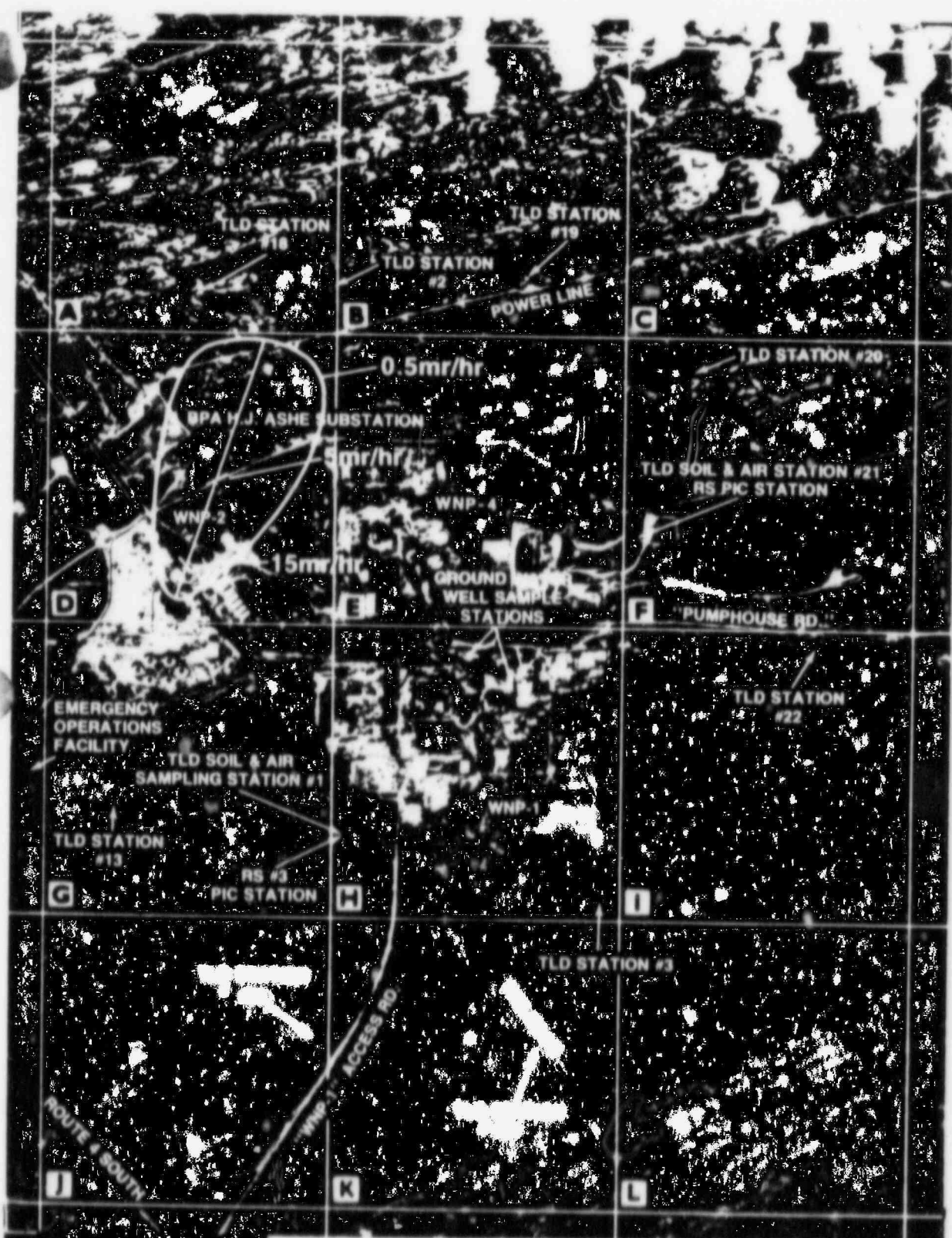
Valid
0830 To 0845
All readings in mr/hr



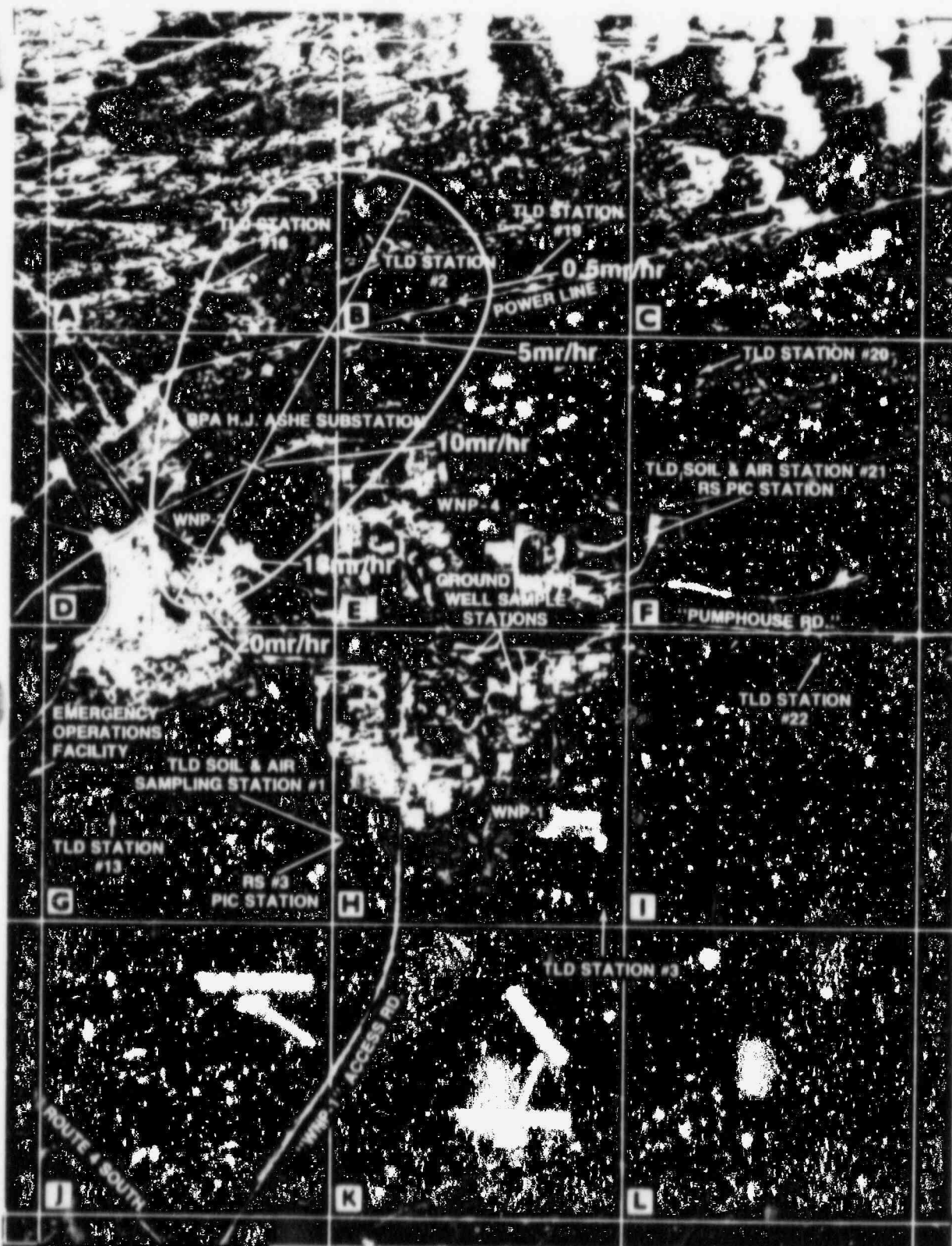
Valid
0845 To 0900
All readings in mr/hr



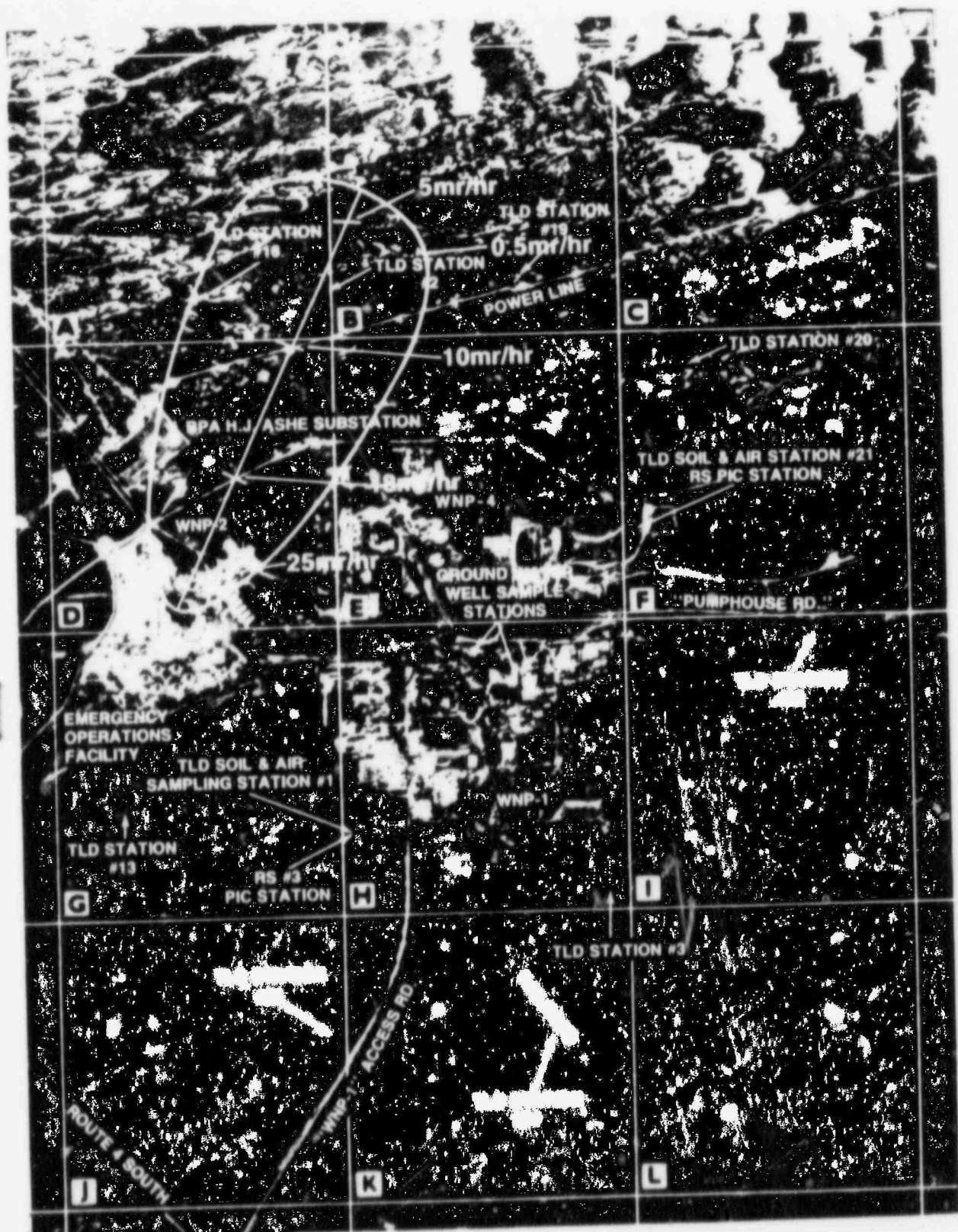
Valid
0900 To 0915
All readings in mr/hr

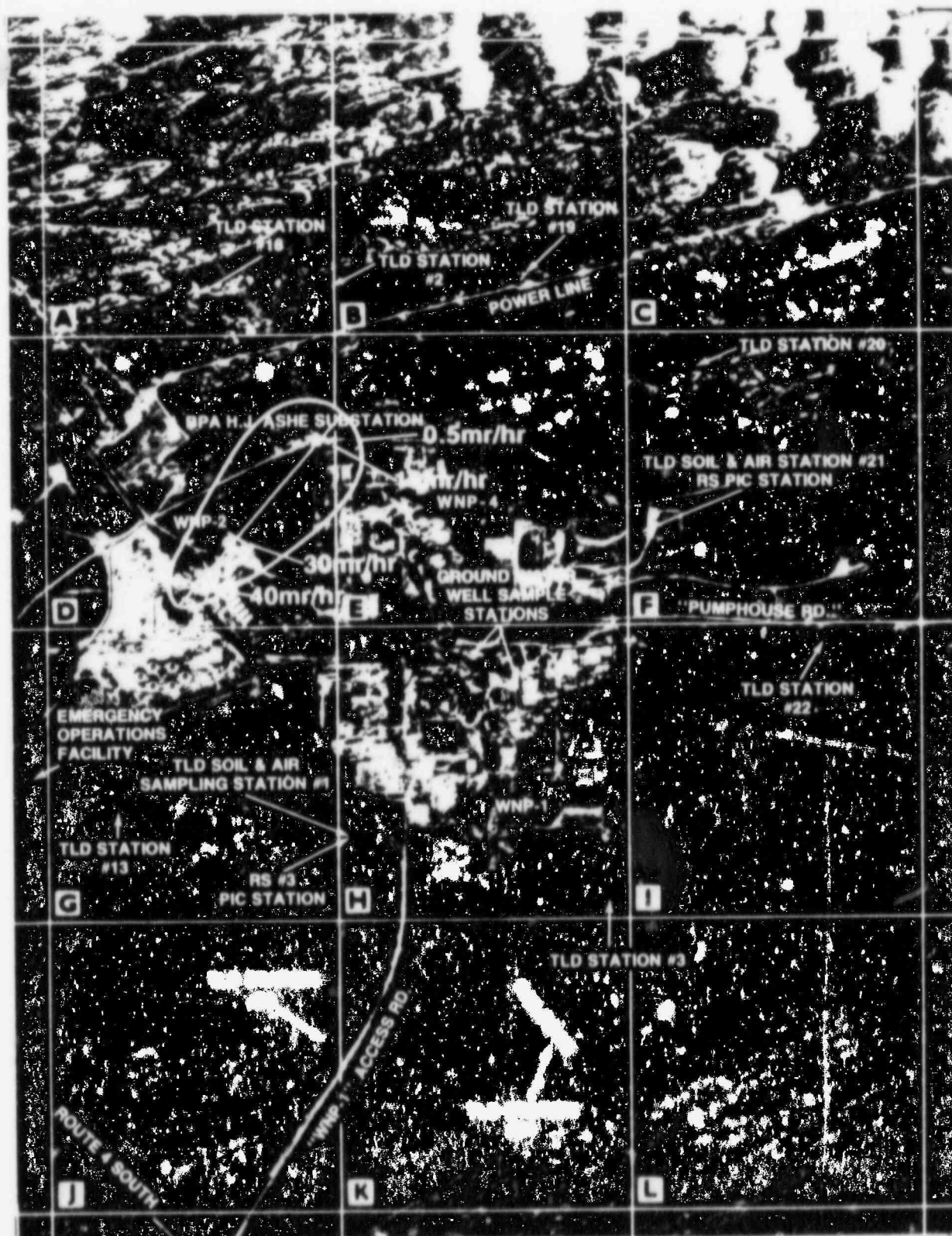


Valid
0930 To 1000
All readings in mr/hr

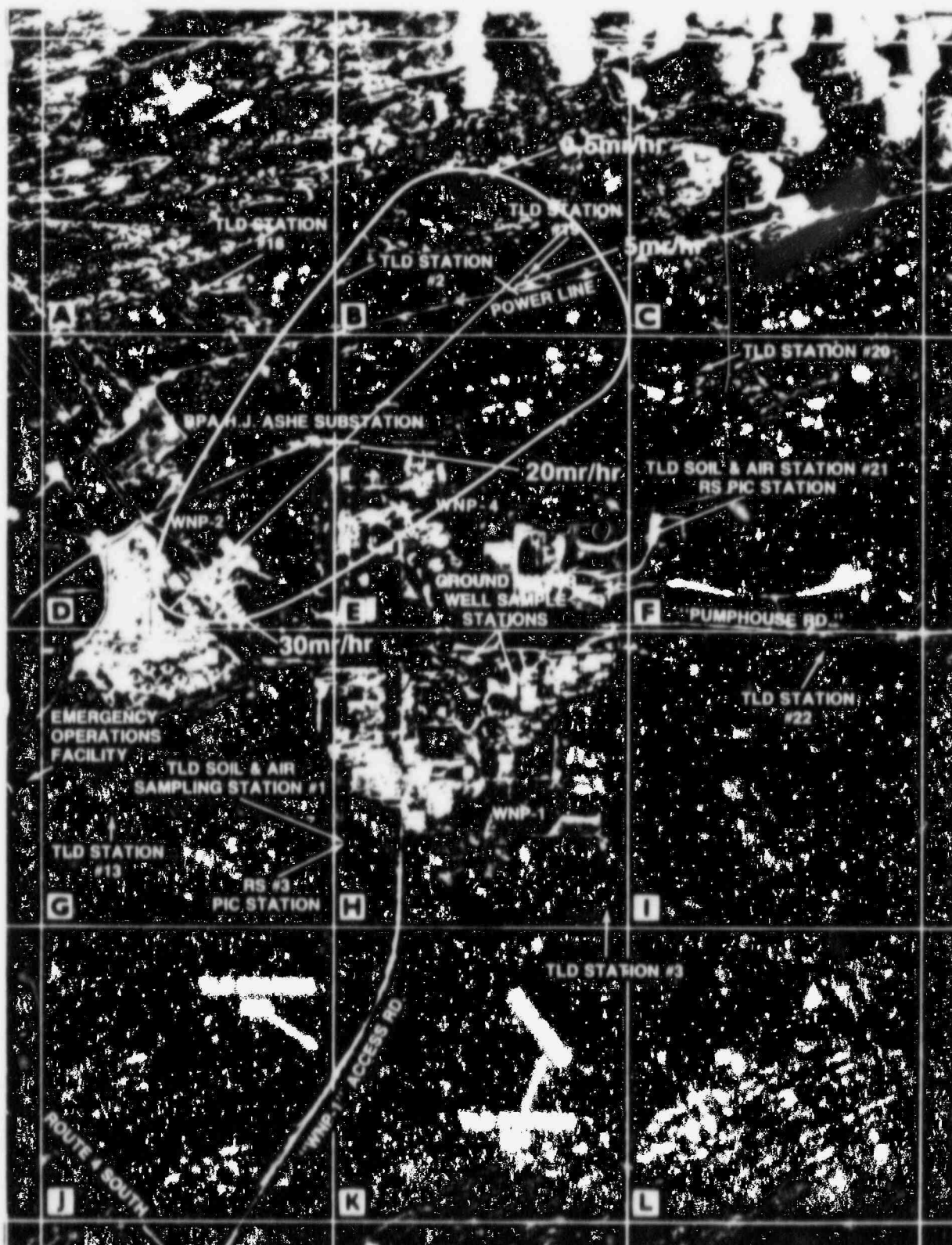


Valid
1000 To 1015
All readings in mr/hr





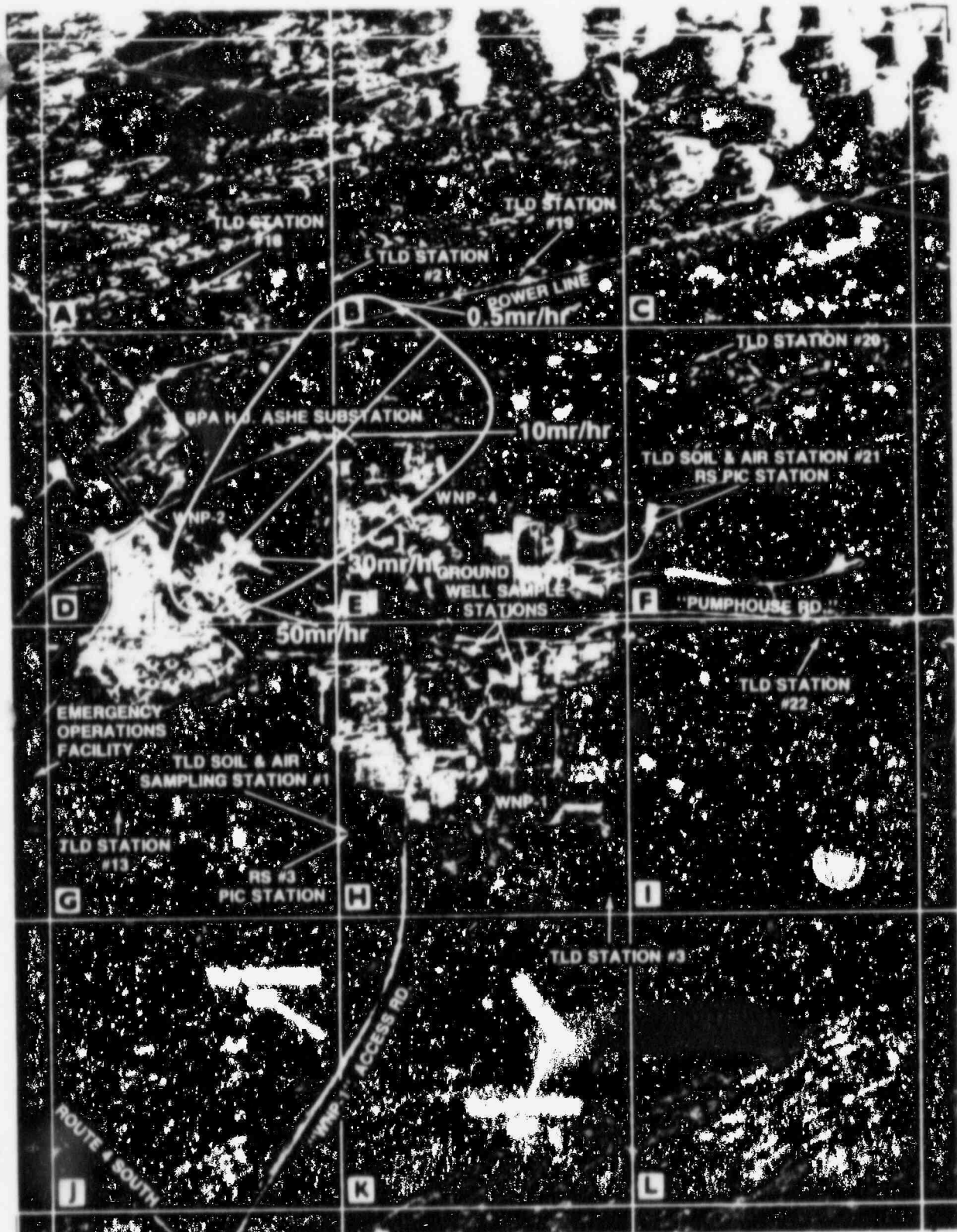
Valid
1030 To 1045
All readings in mr/hr



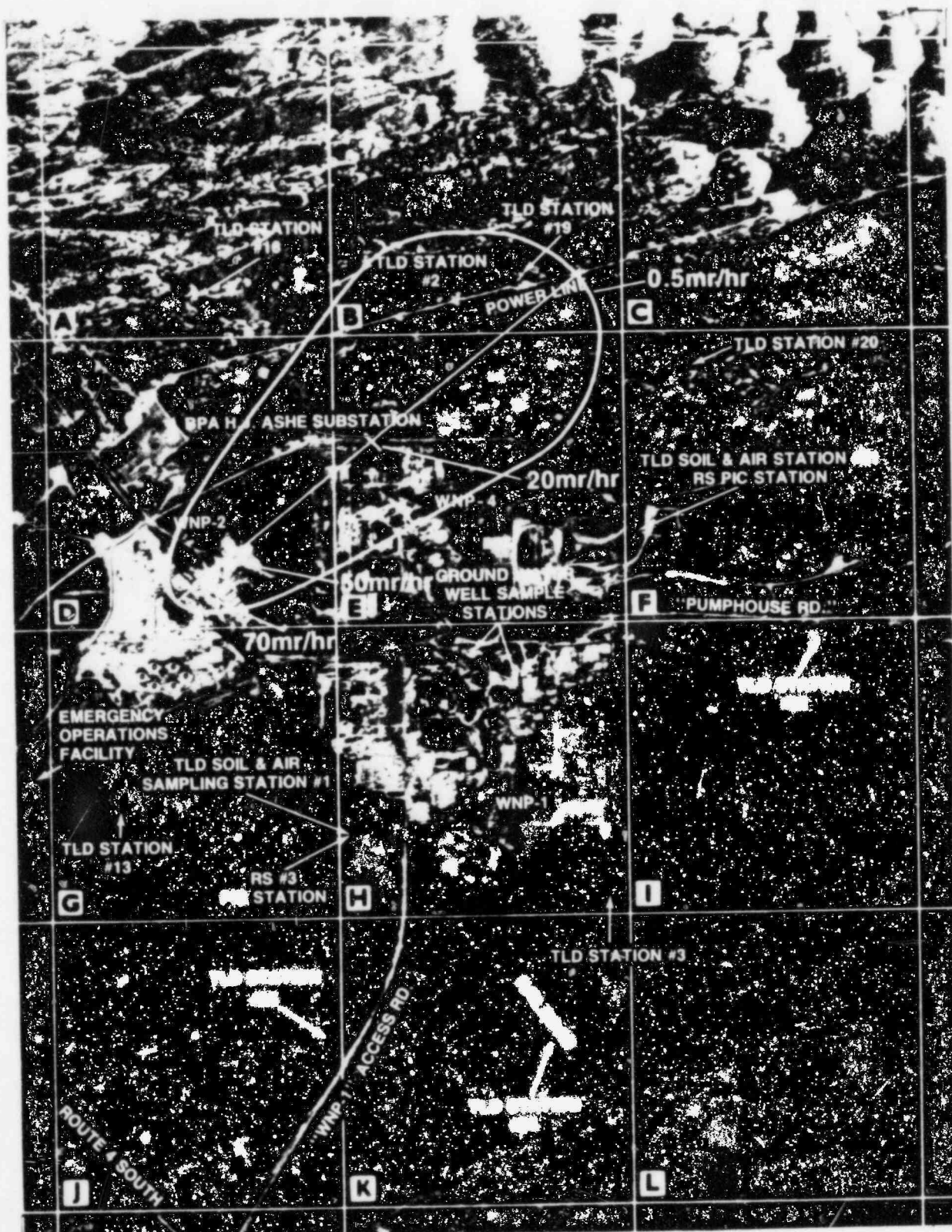
Valid
1045 To 1100
All readings in mr/hr



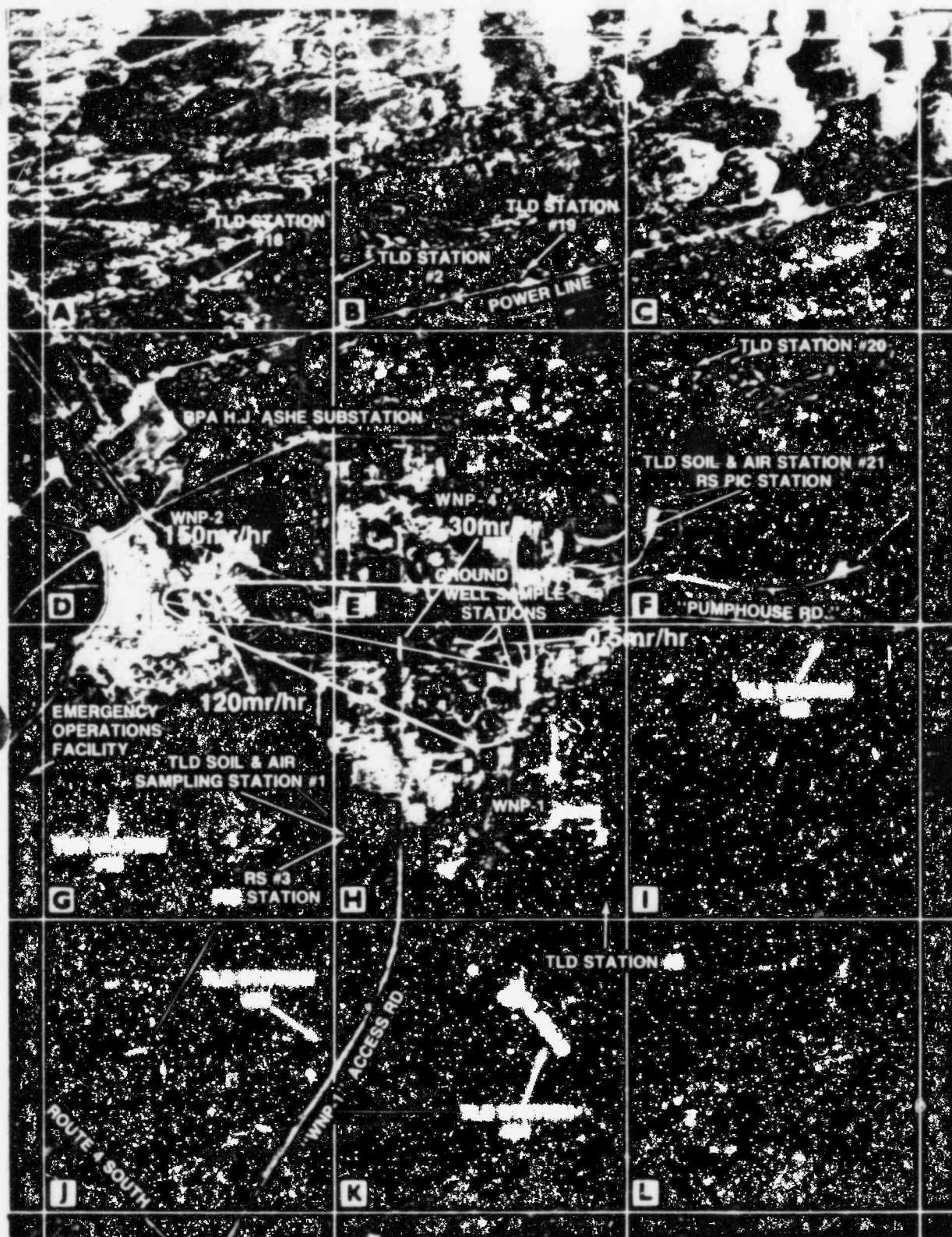
Valid
1100 To 1115
All readings in mr/hr



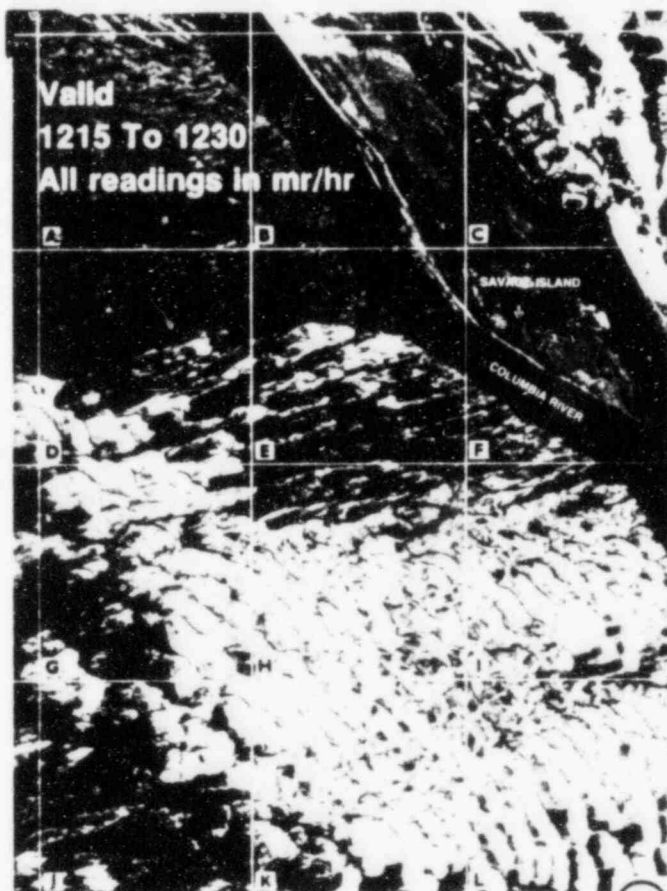
Valid
1115 To 1130
All readings in mr/hr



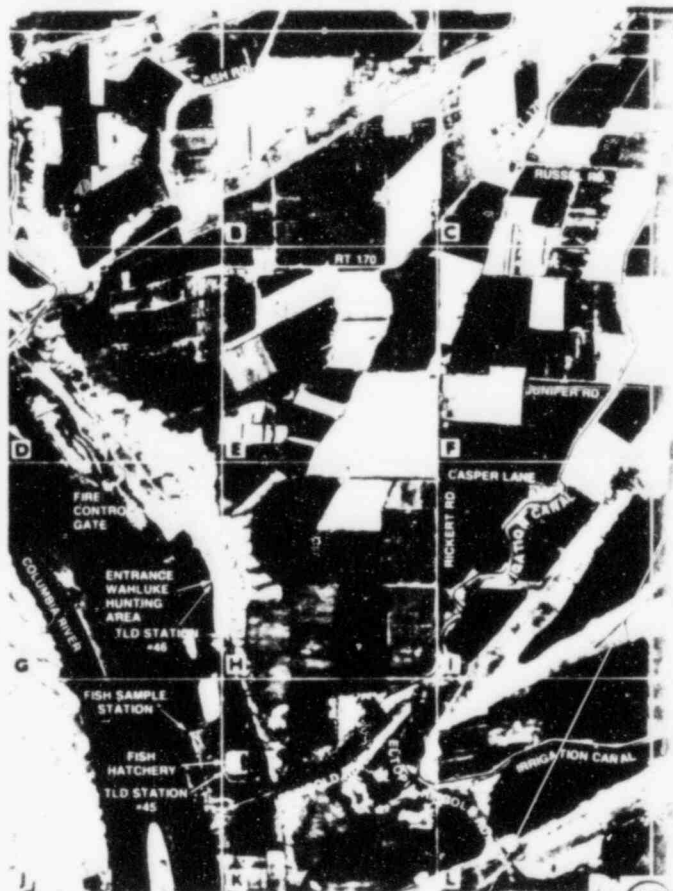
Valid
1130 To 1145
All readings in mr/hr



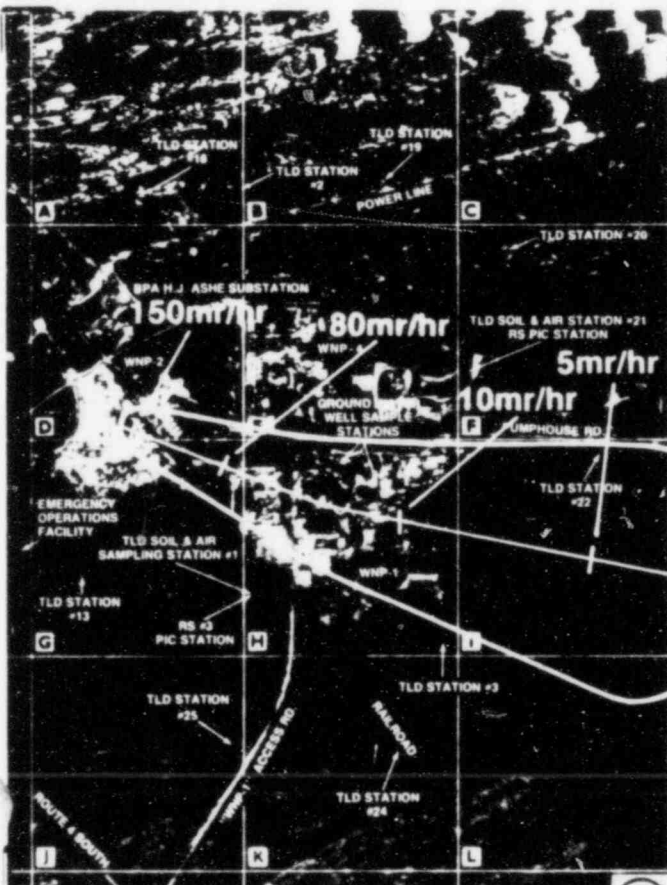
Valid
1145 To 1200
All readings in mr/hr



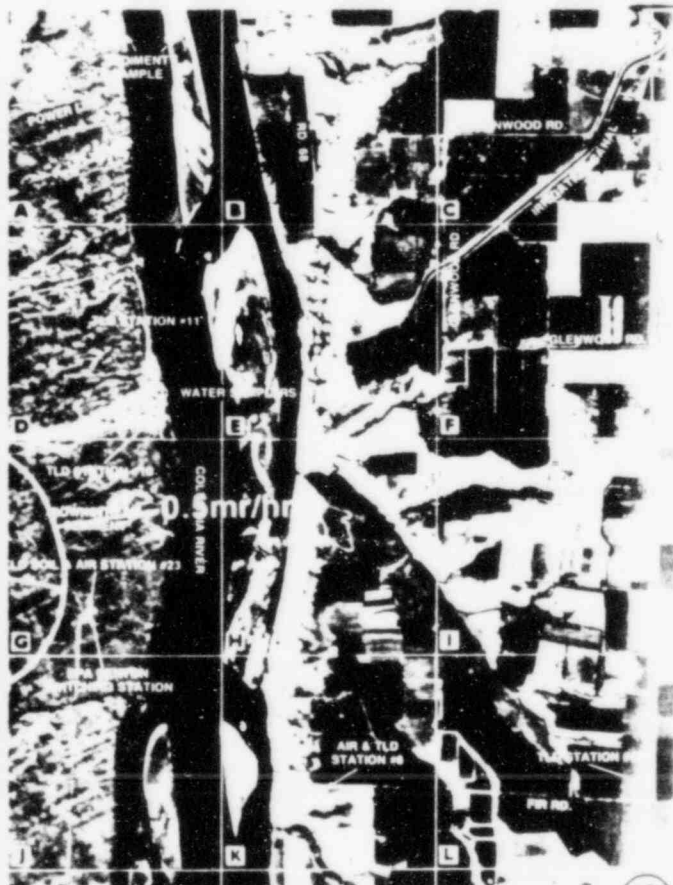
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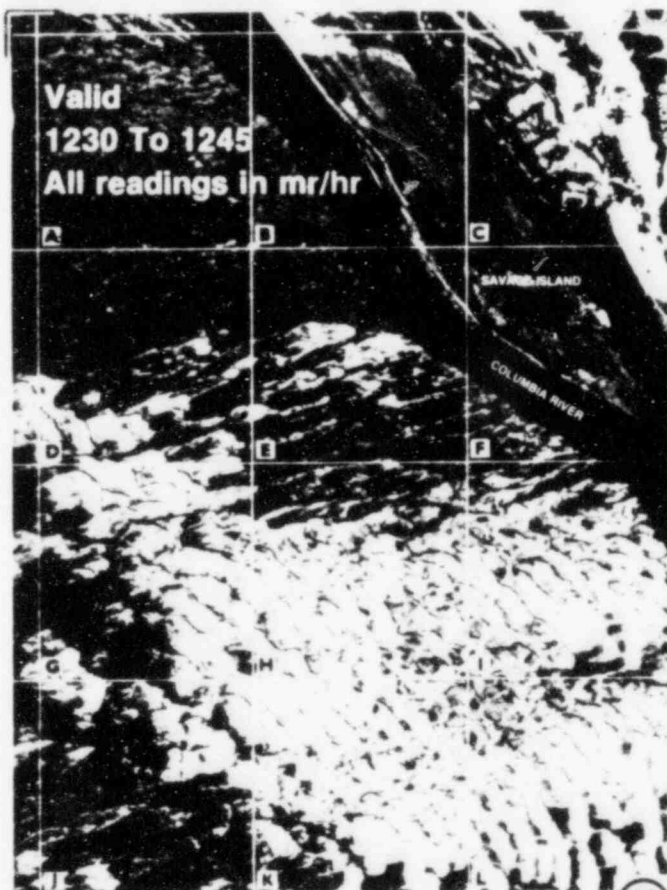
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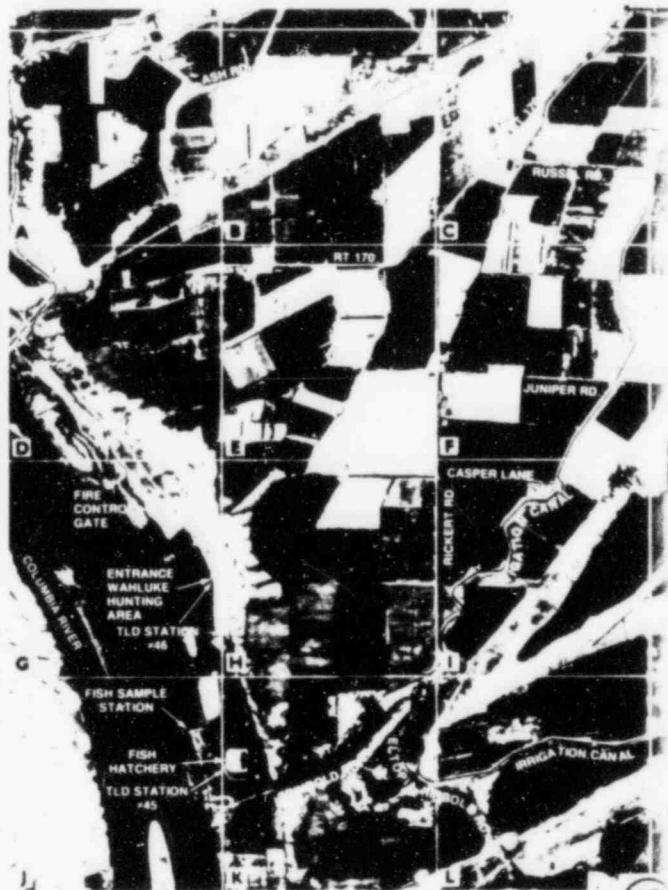
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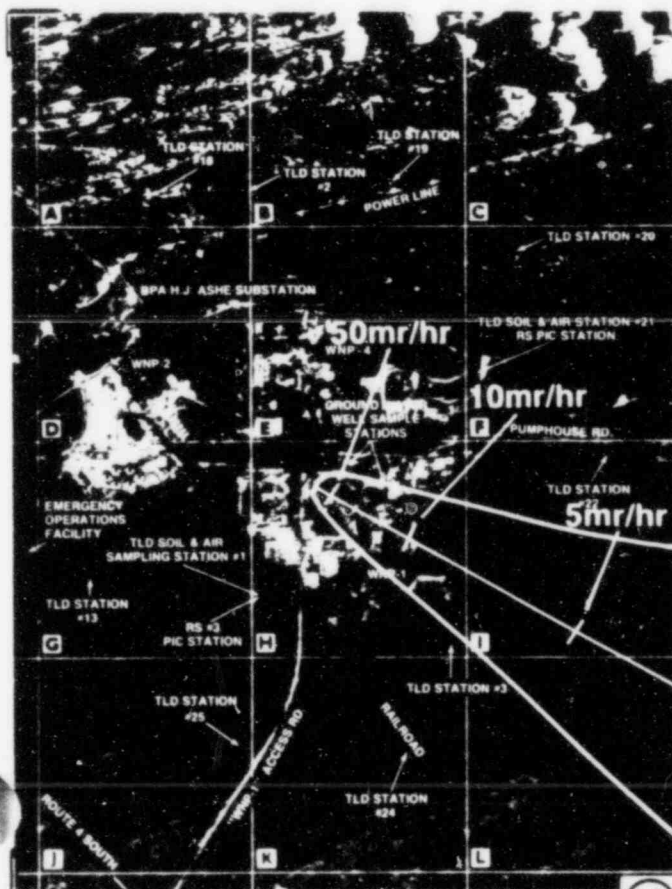
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11



12



18



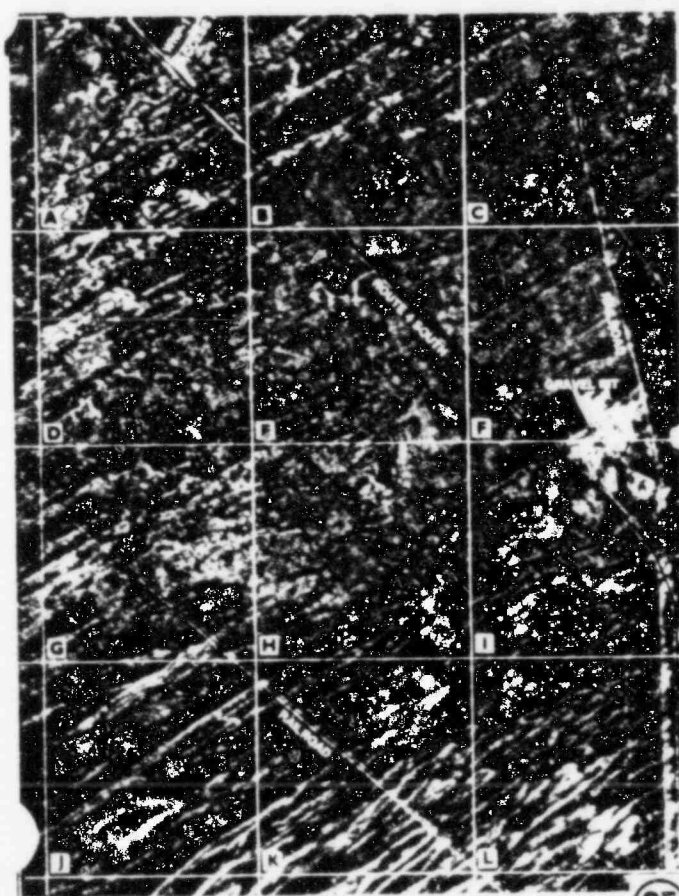
19



18



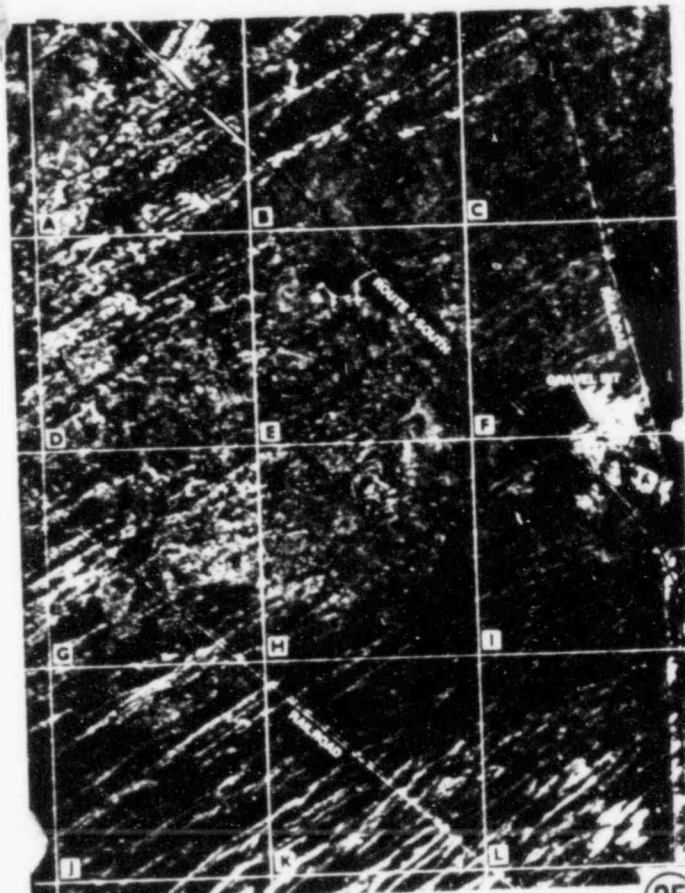
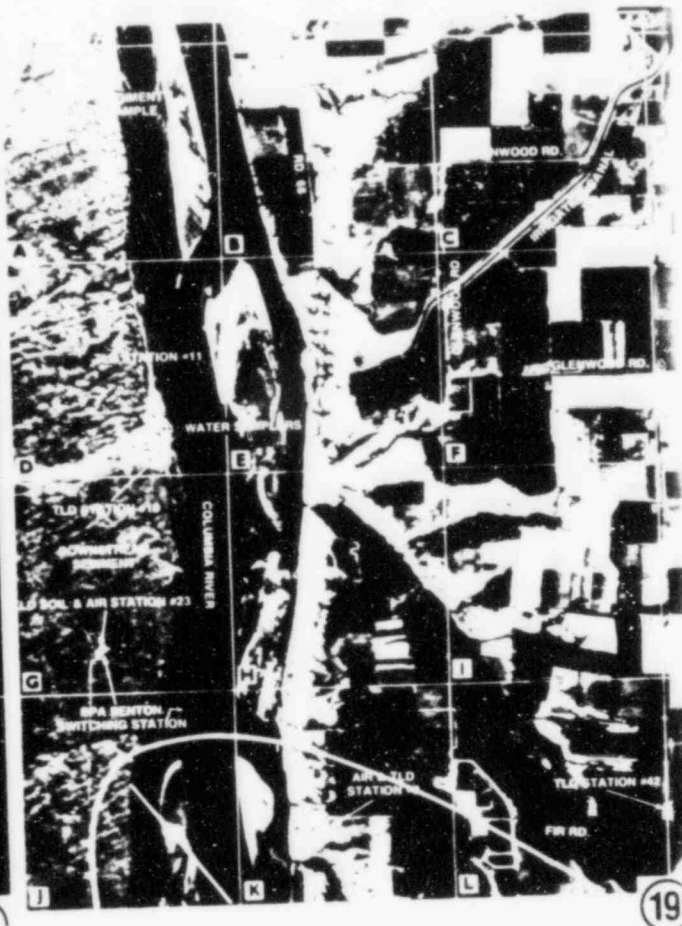
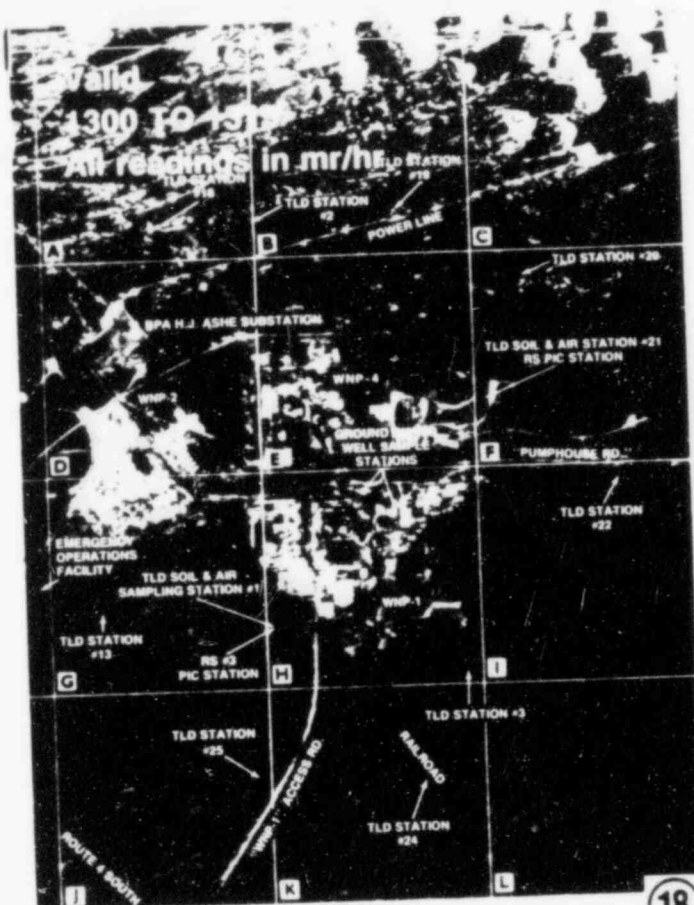
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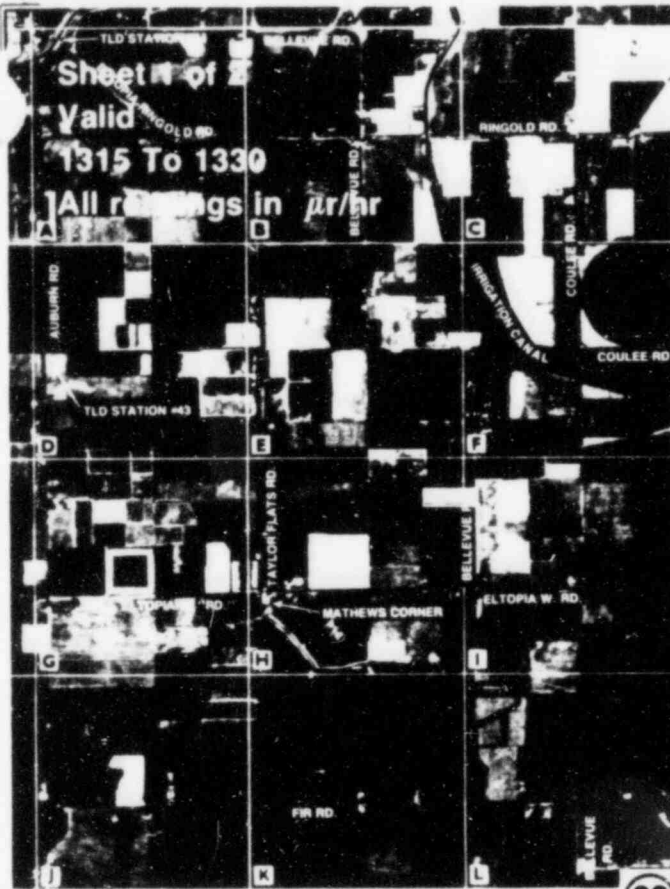


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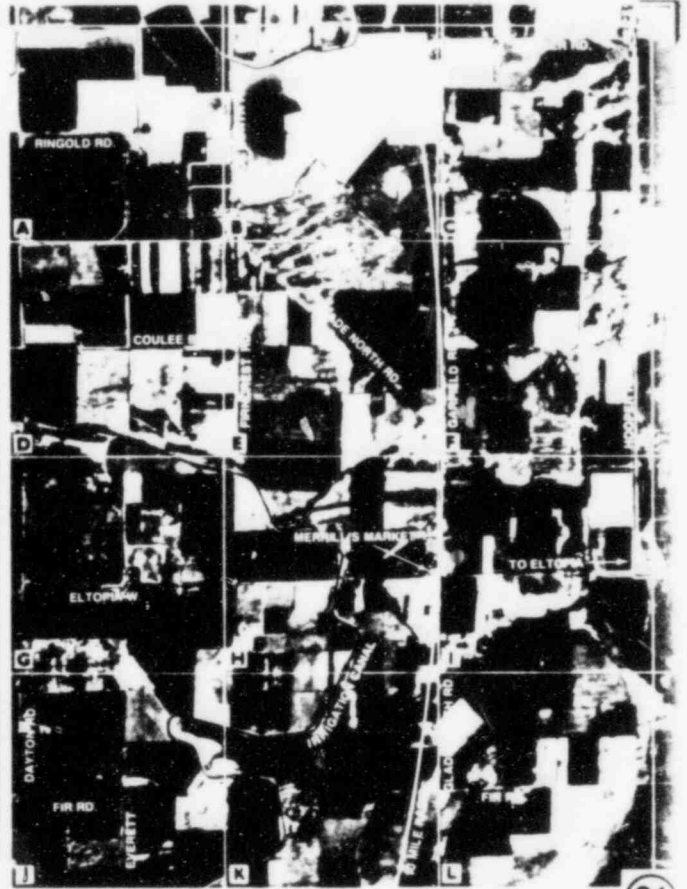


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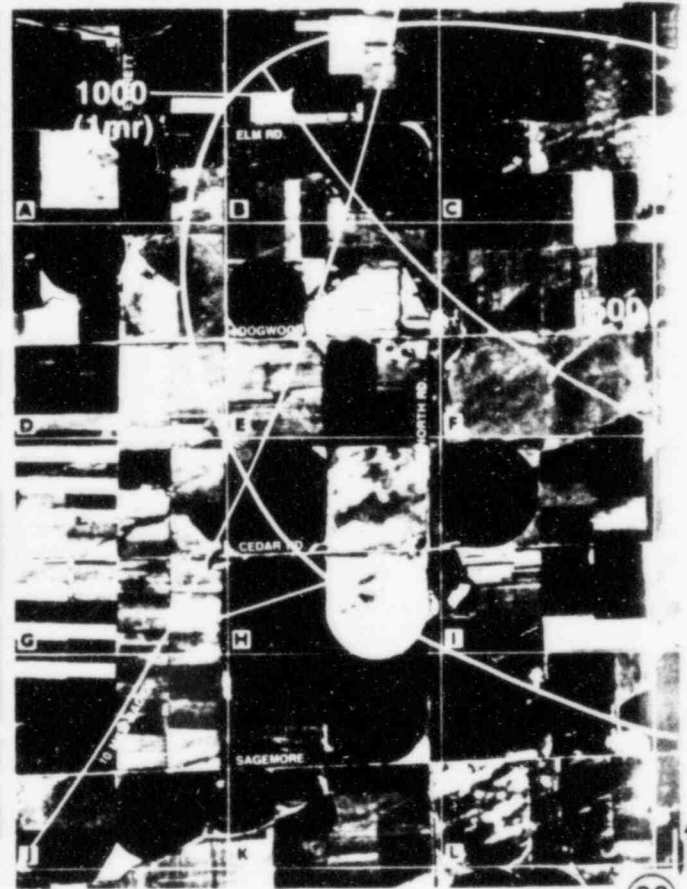


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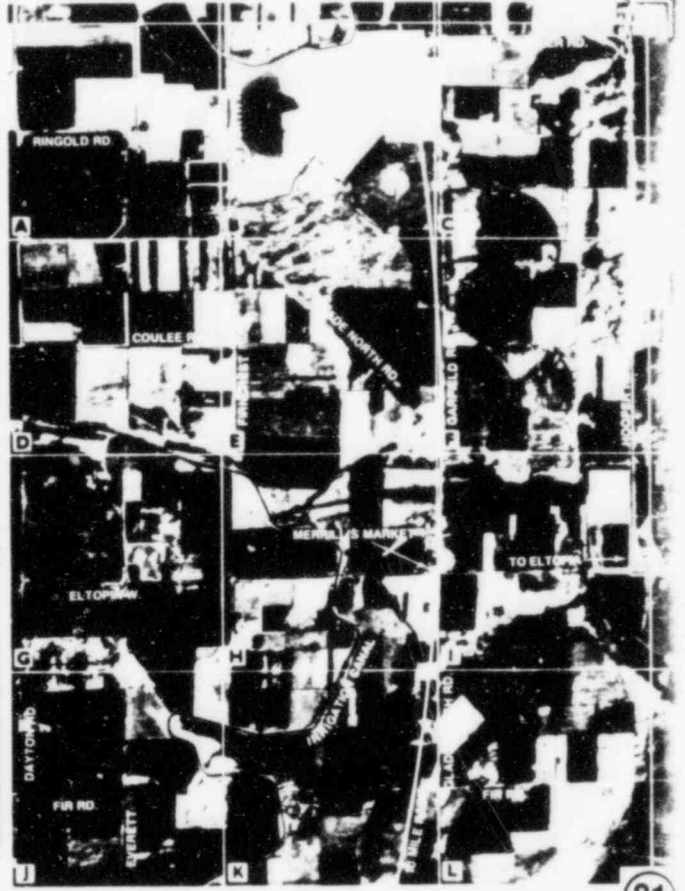
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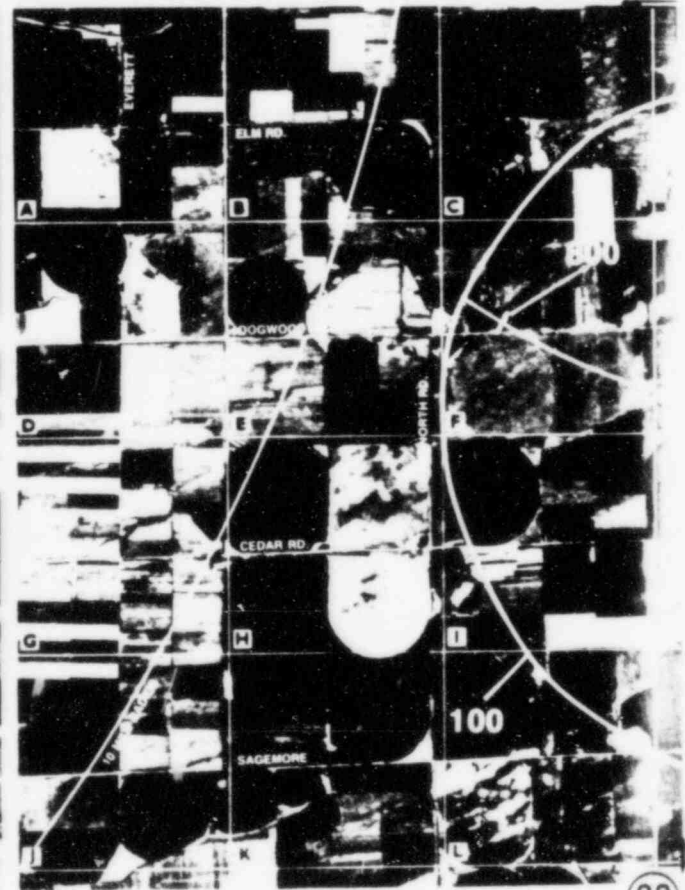
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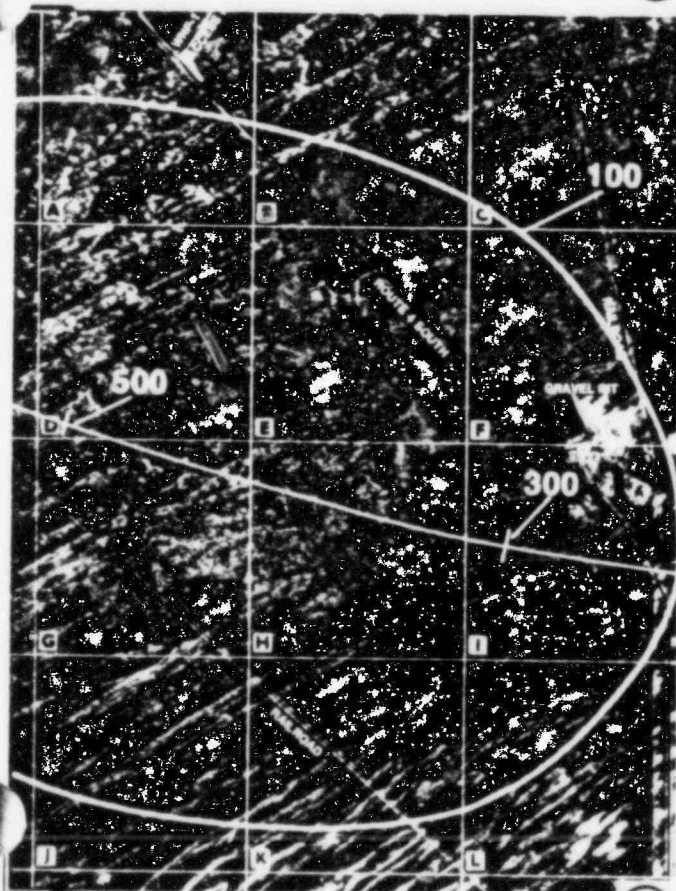
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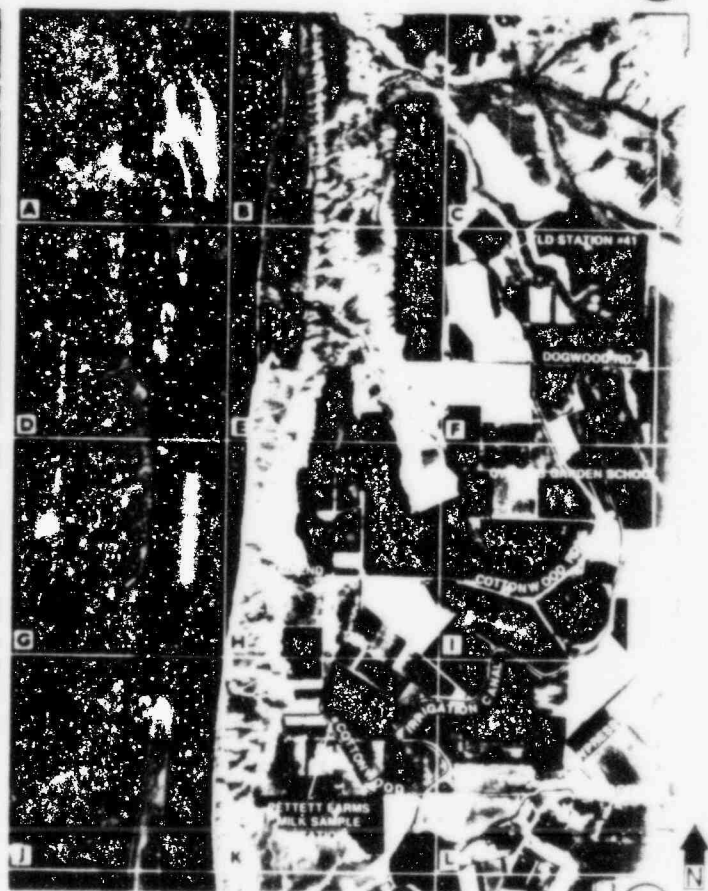
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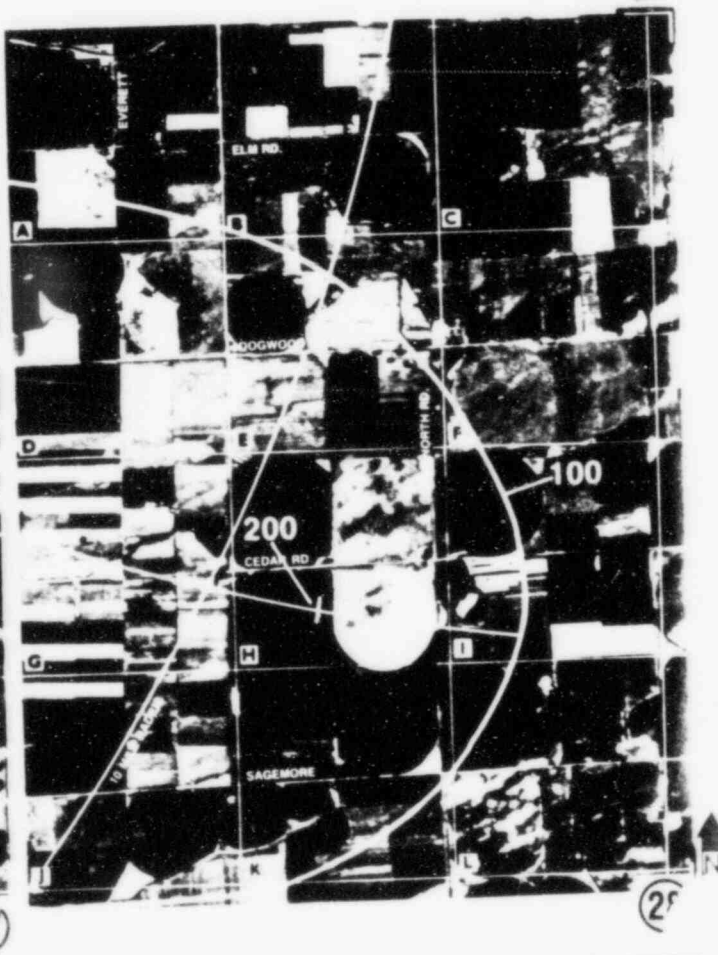
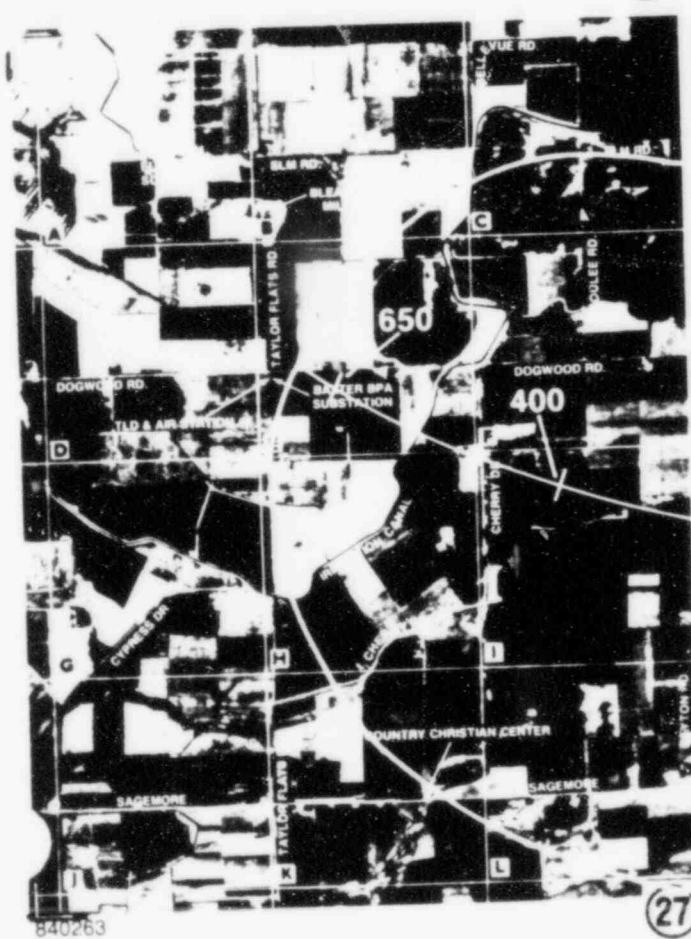
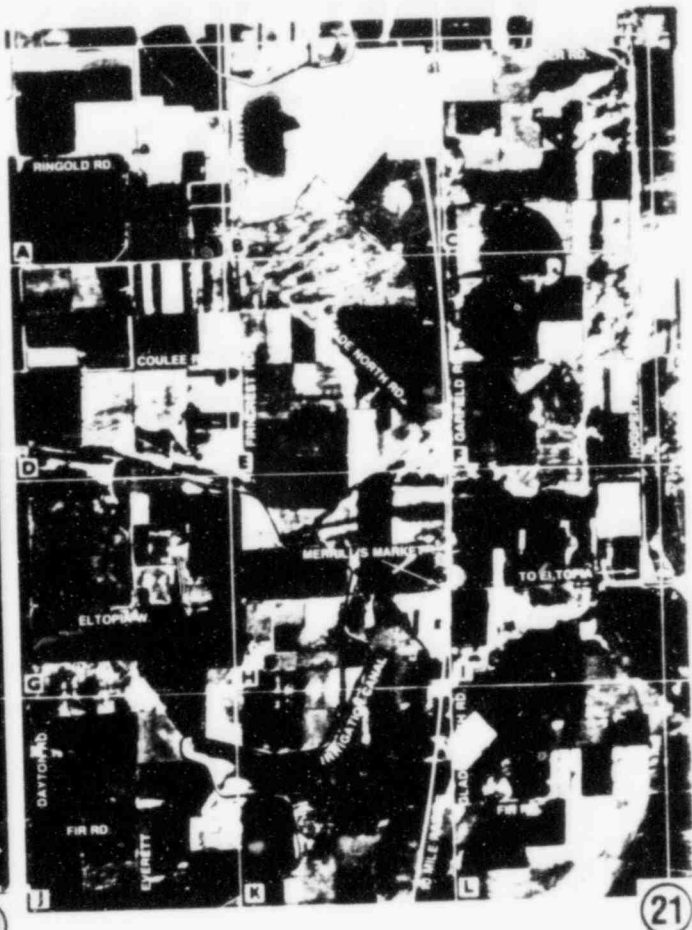
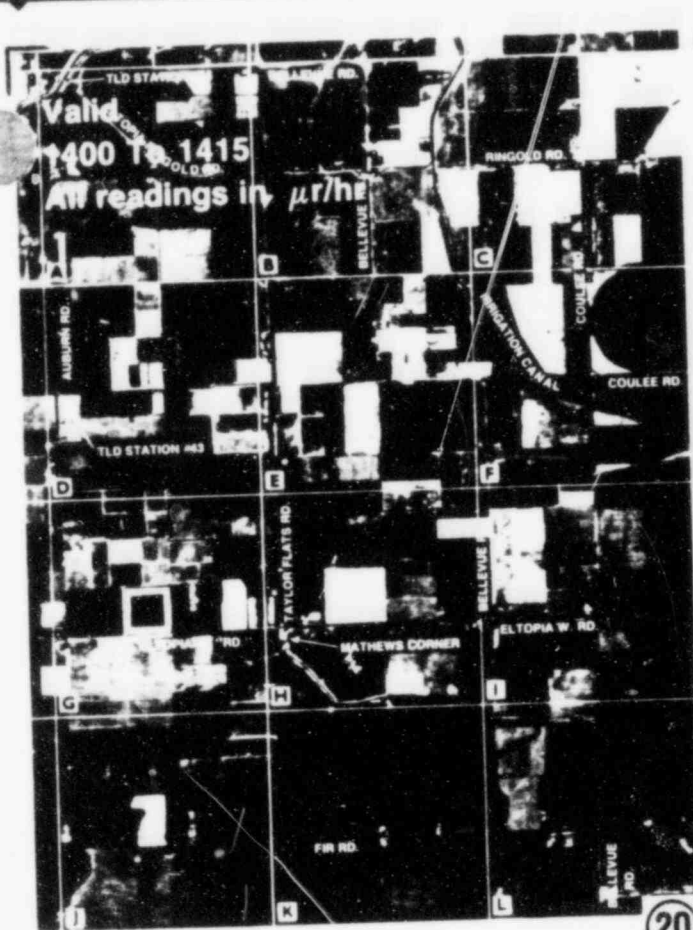
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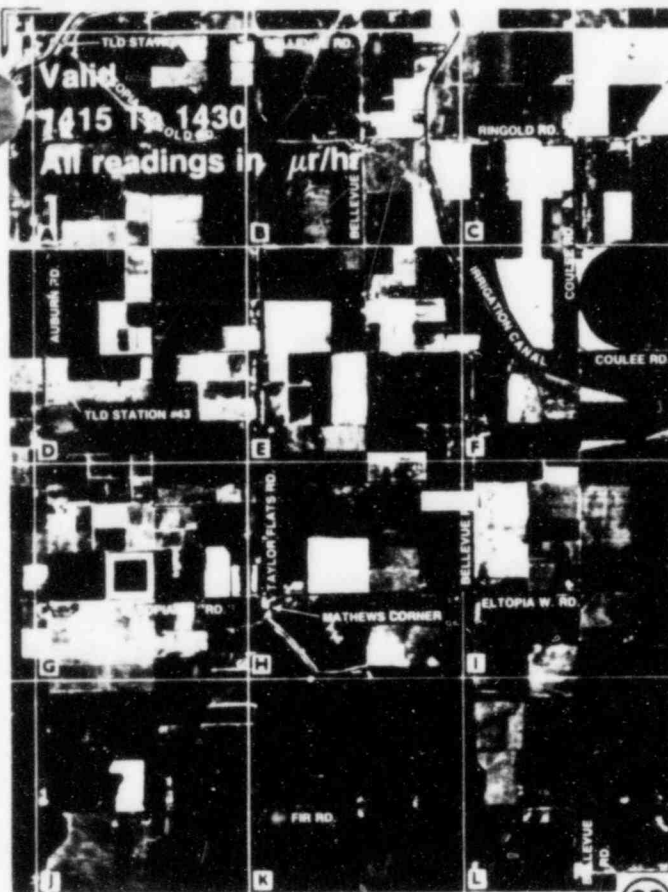


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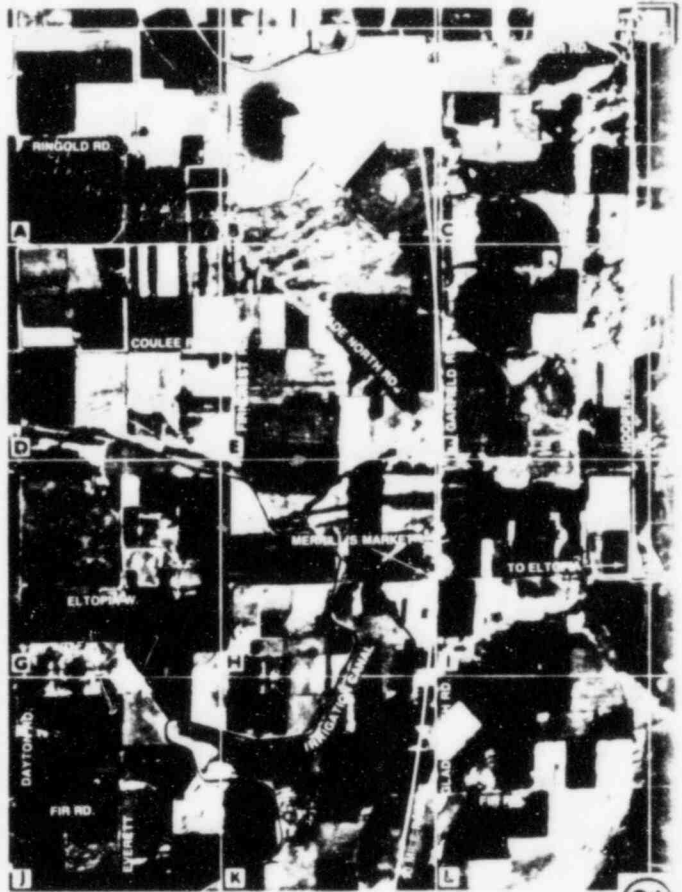


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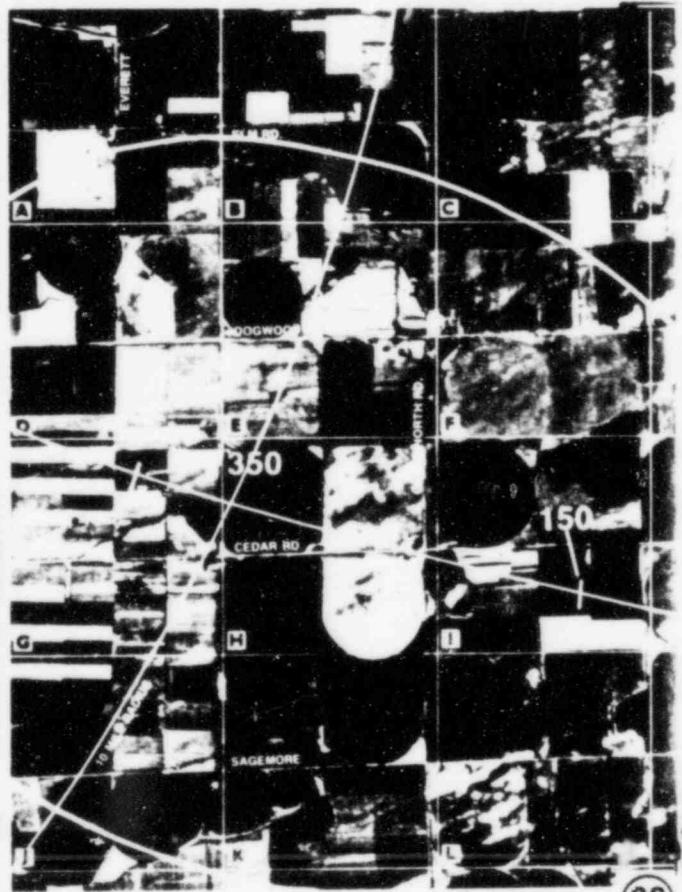
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28



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

DRILL NO.

1985 EMERGENCY EXERCISE

PAGE

____ of ____

SHEET NO.

75B

RESPONSIBLE CONTROLLER (LOCATION)

MUDAC and Environmental Field Teams

VALID FOR TIMES OF:

☐ AM☐ AM

REAL TIME 0815

☐ PM

TO 1430

☐ PM

DRILL TIME 0245

HOURS TO 0900

HOURS

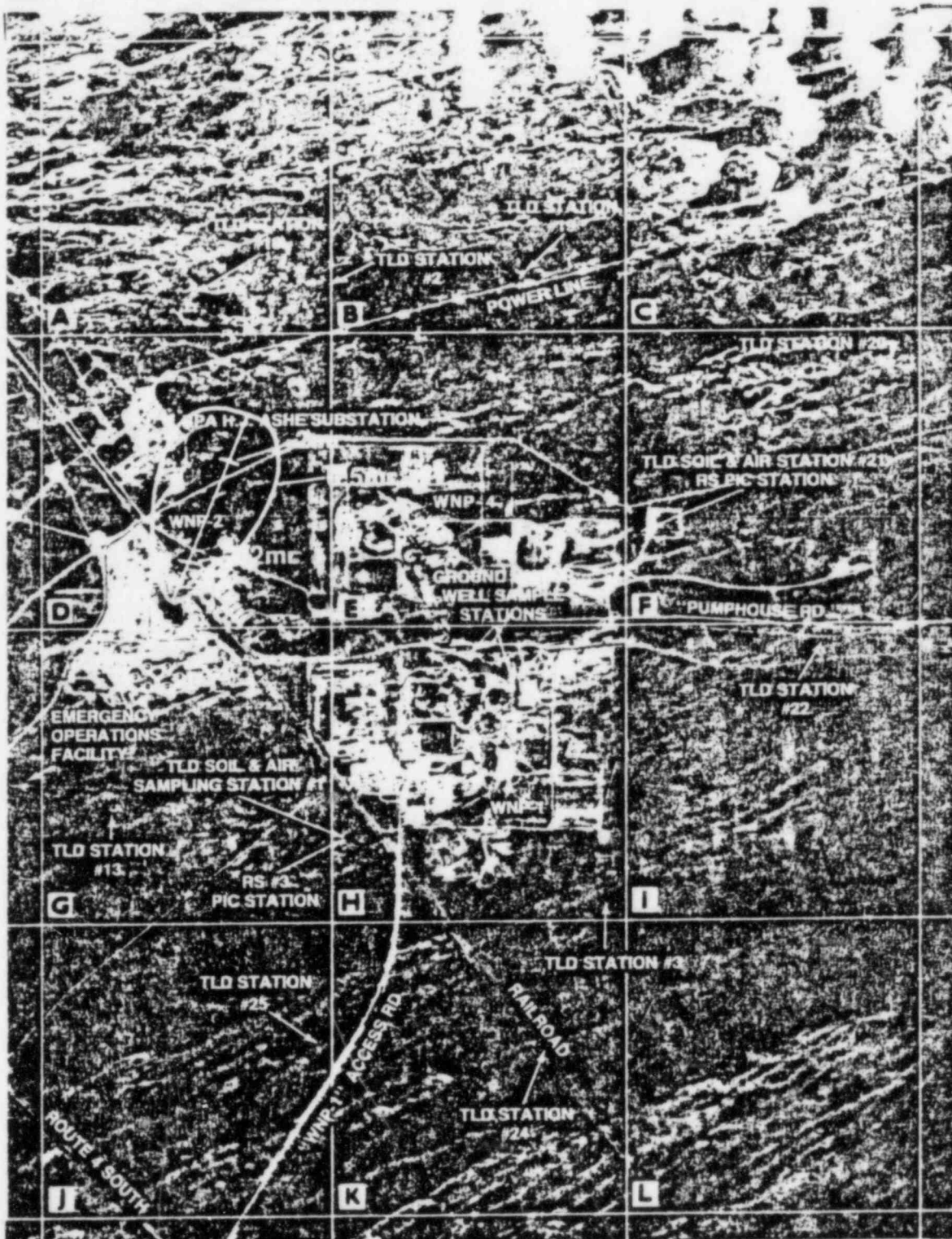
ASSOCIATED WITH MESSAGES

INFORMATION APPLIES TO

Field Team and Field Lab

Sample Location Dose Rate Vs. Count Rate Vs. Iodine Concentration

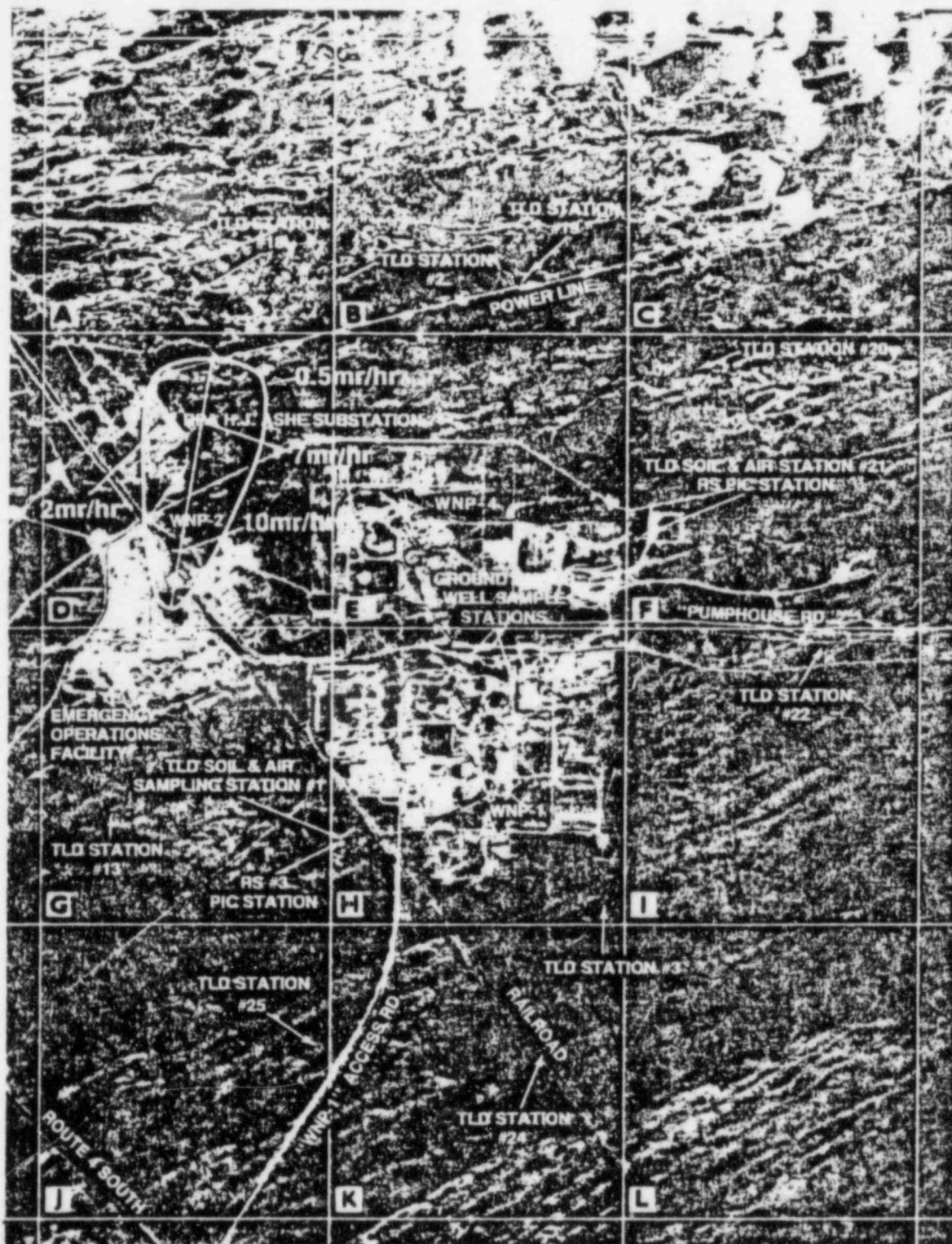
<u>Dose Rate (mR/hr)</u>	<u>Cursory Check Count Rate (cpm)</u>	<u>Sample Dose Rate Carcoal Cartridge</u>	<u>Iodine Concentration (uCi/cc)</u>
2	200	20 uR/hr	2.0×10^{-9}
5	450	50 uR/hr	5.0×10^{-9}
10	900	100 uR/hr	1.0×10^{-8}
15	1400	150 uR/hr	1.5×10^{-8}
20	1800	200 uR/hr	2.0×10^{-8}
25	2300	250 uR/hr	2.5×10^{-8}
30	2700	300 uR/hr	3.0×10^{-8}
40	3600	400 uR/hr	4.0×10^{-8}
50	4500	500 uR/hr	5.0×10^{-8}
60	5400	600 uR/hr	6.0×10^{-8}
70	6300	700 uR/hr	7.0×10^{-8}
80	7200	800 uR/hr	8.0×10^{-8}
90	8100	900 uR/hr	9.0×10^{-8}
100	9000	1 mR/hr	1.0×10^{-7}
>100	>9000		Not Analyzed
150		1.5 mR/hr	Sent to EOF



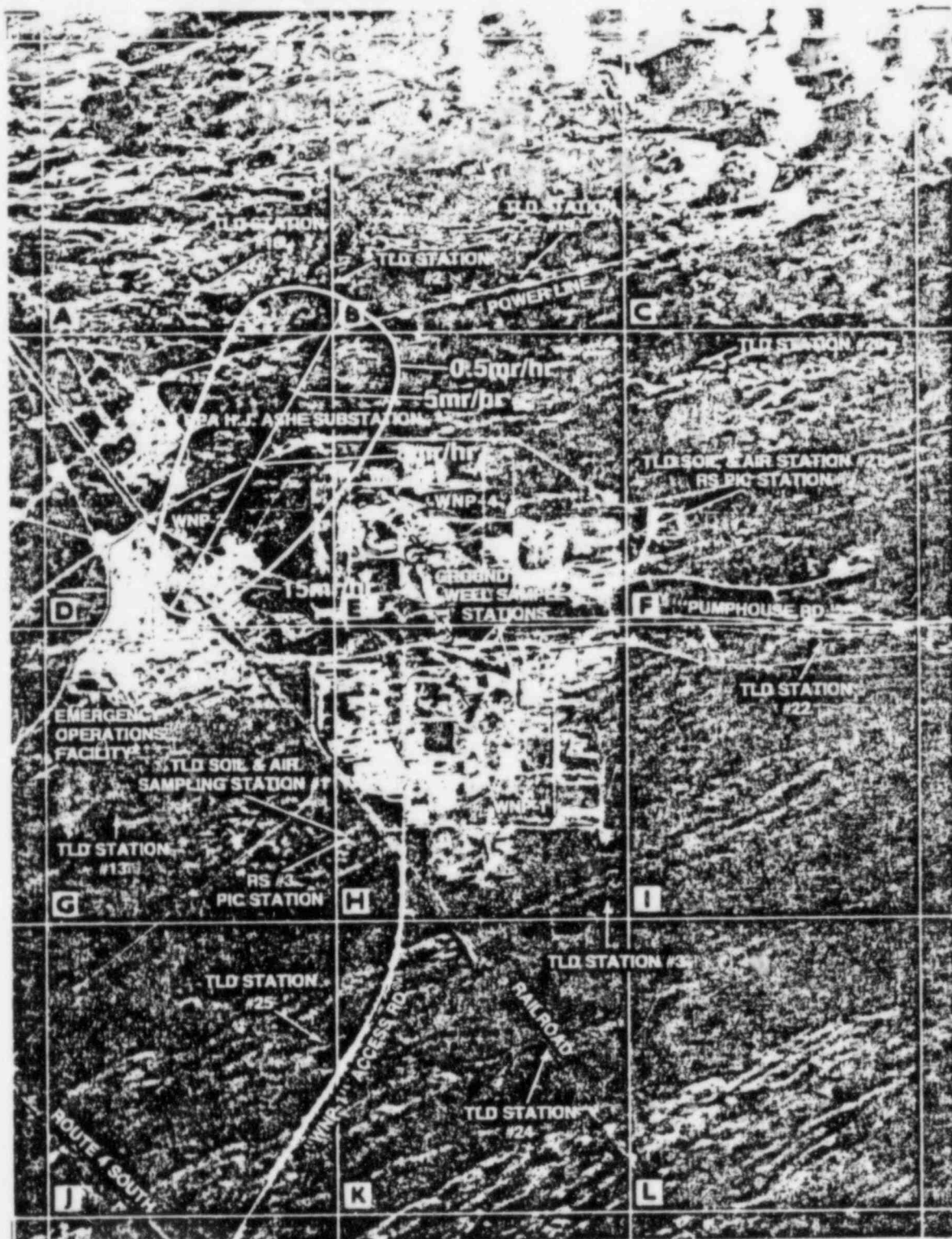
Valid
0815 To 0830
All readings in mr/hr



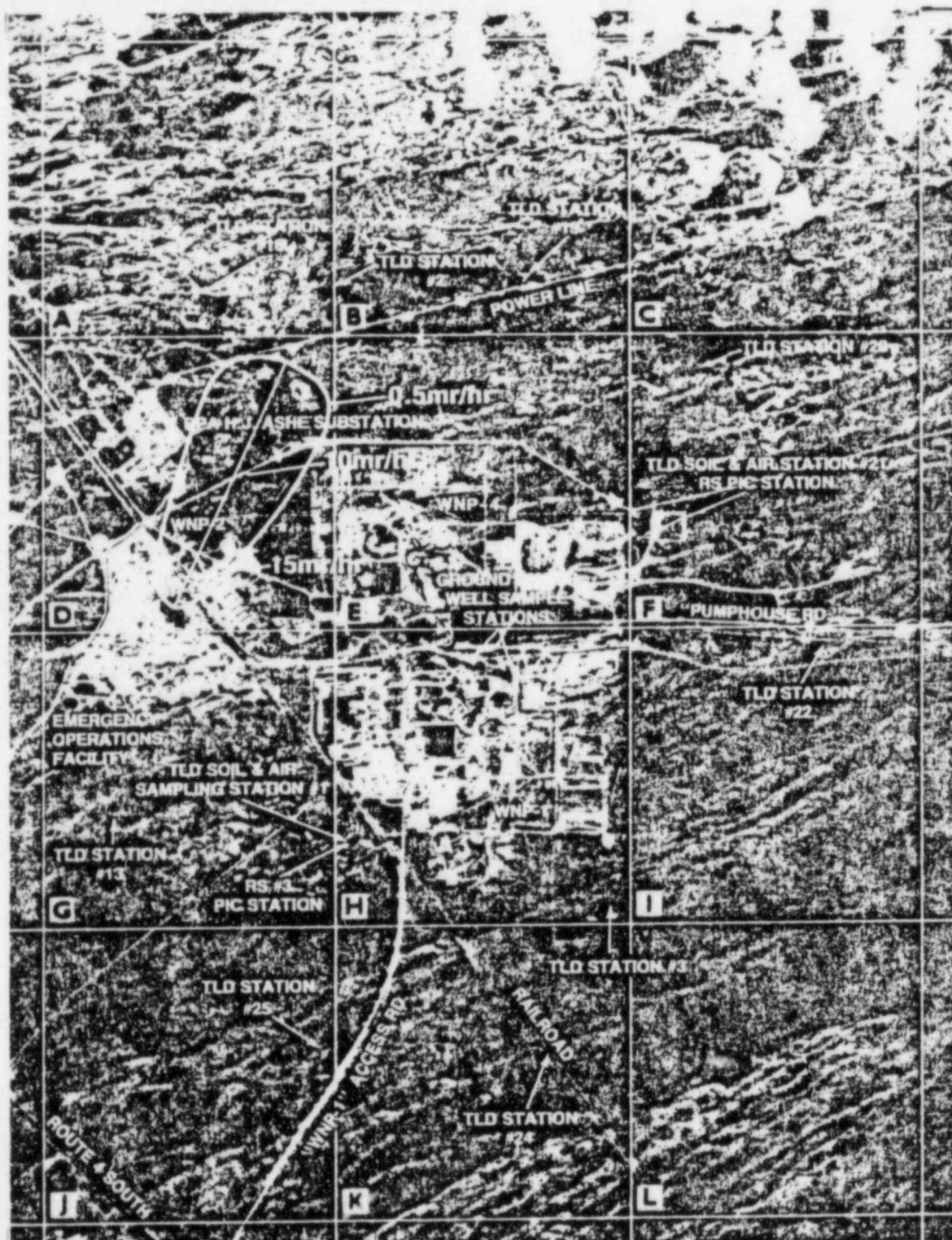
Valid
0830 To 0845
All readings in mr/hr



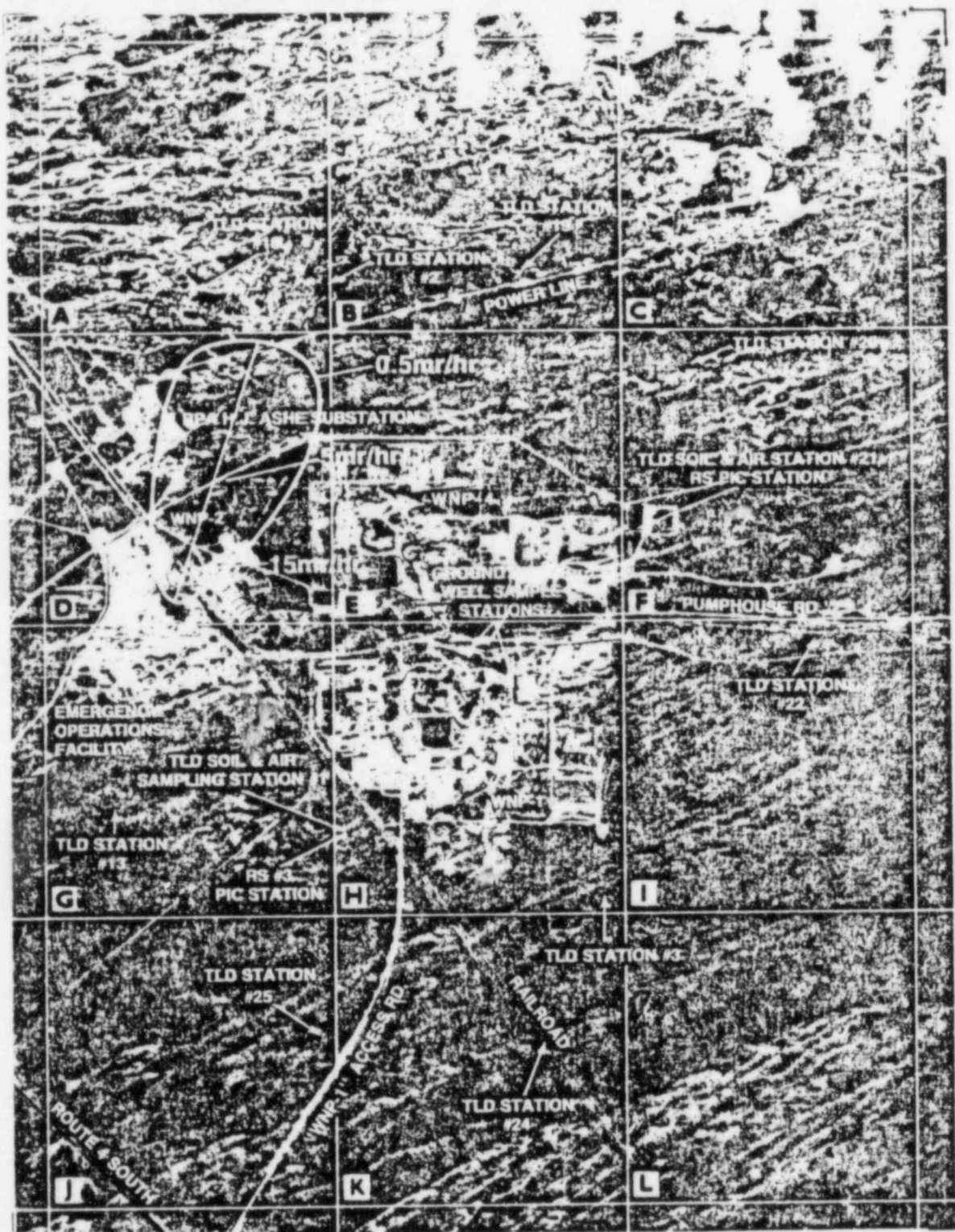
Valid
0845 To 0900
All readings in mr/hr



Valid
0900 To 0915
All readings in m/hr



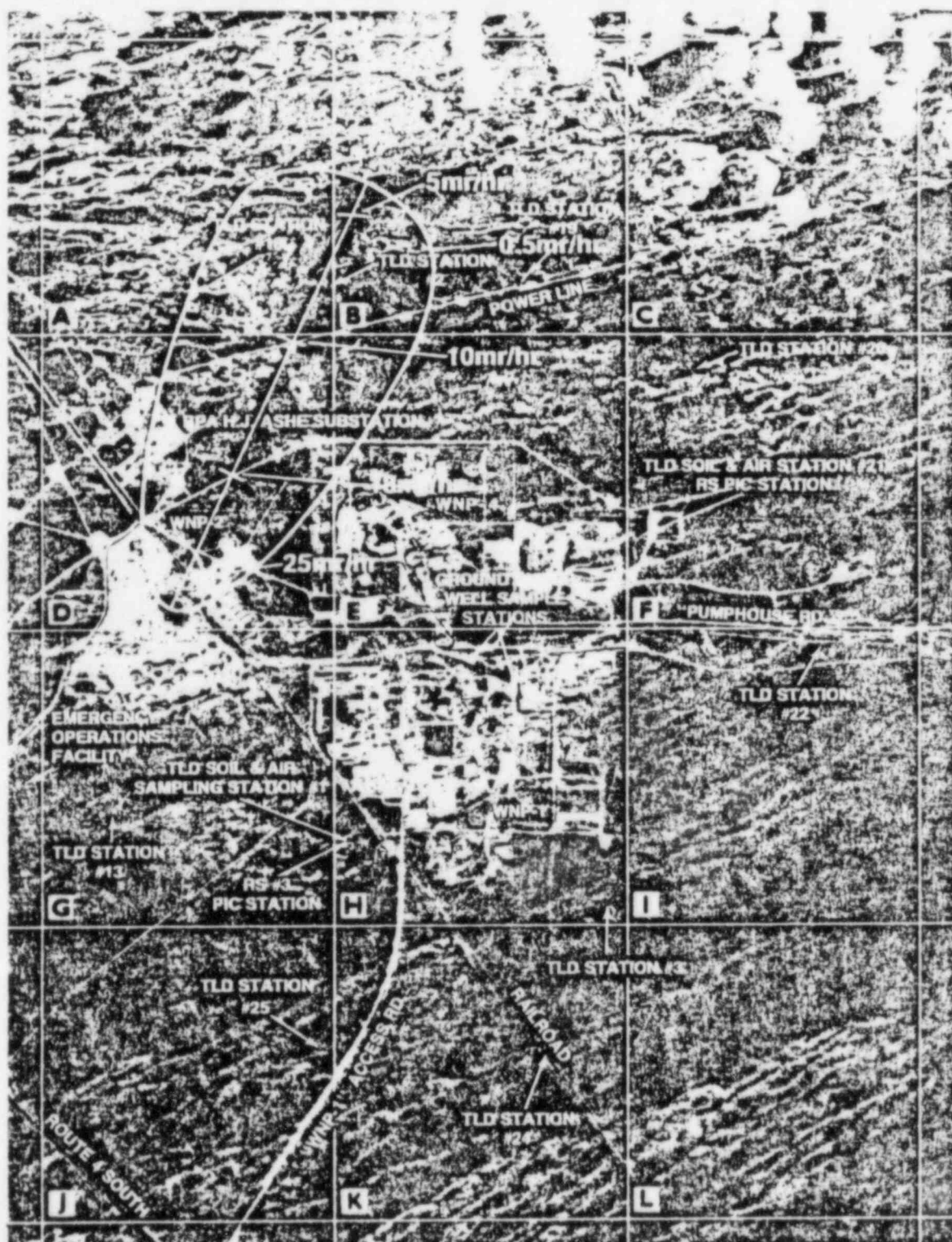
Valid
0915 To 0930
All readings in mr/hr



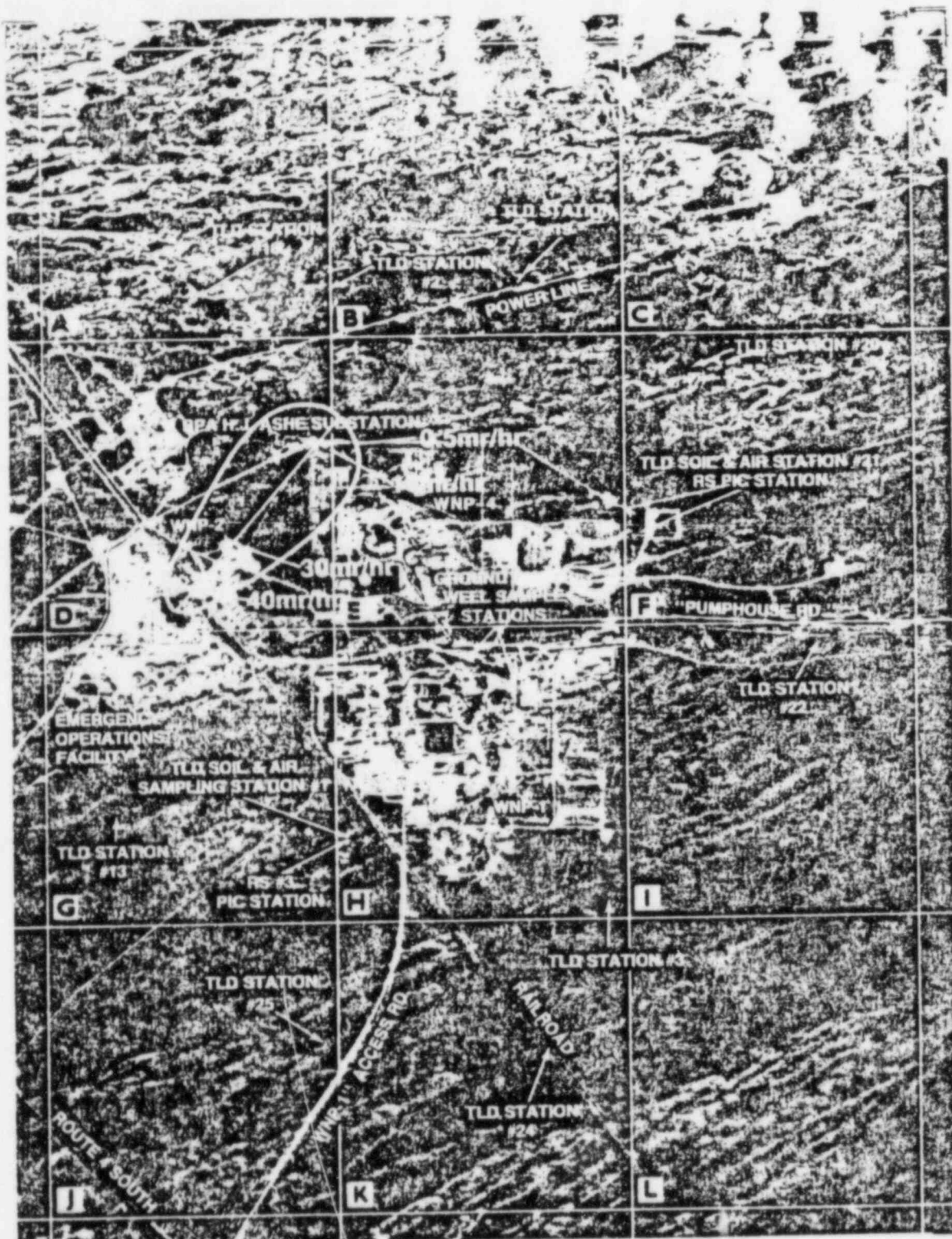
Valid
0930 To 1000
All readings in mr/hr



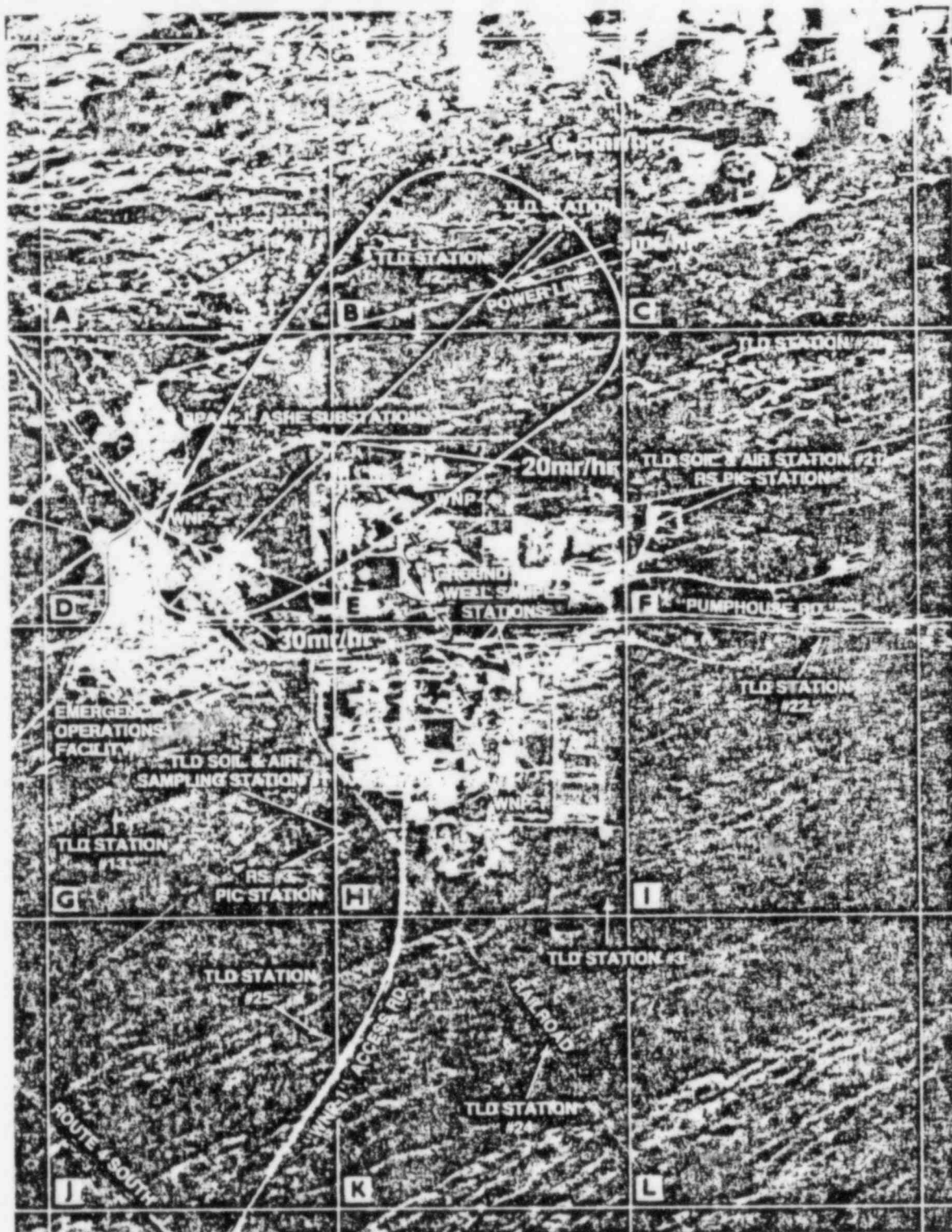
Valid
1000 To 1015
All readings in mr/hr



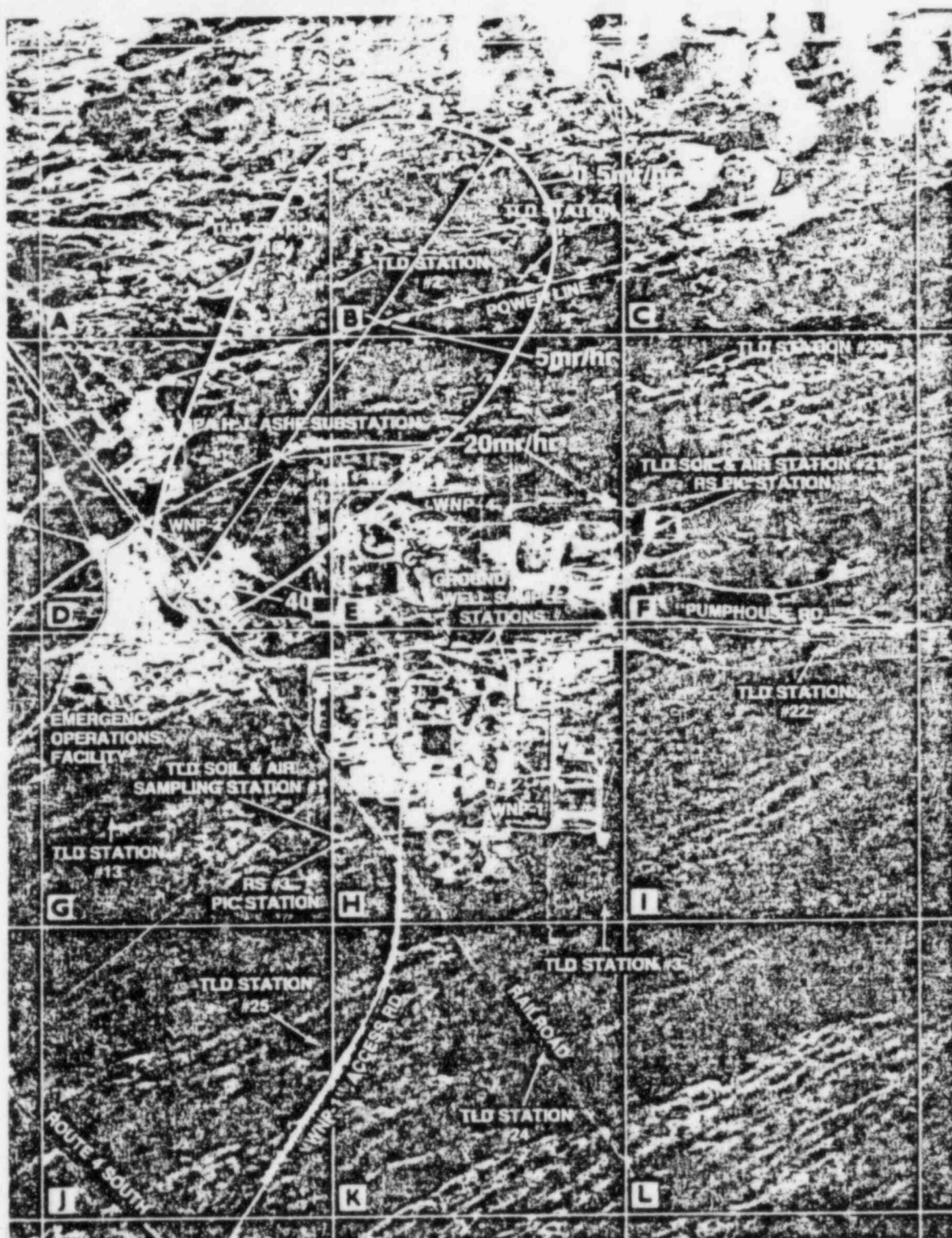
Valid
1015 To 1030
All readings in mr/hr



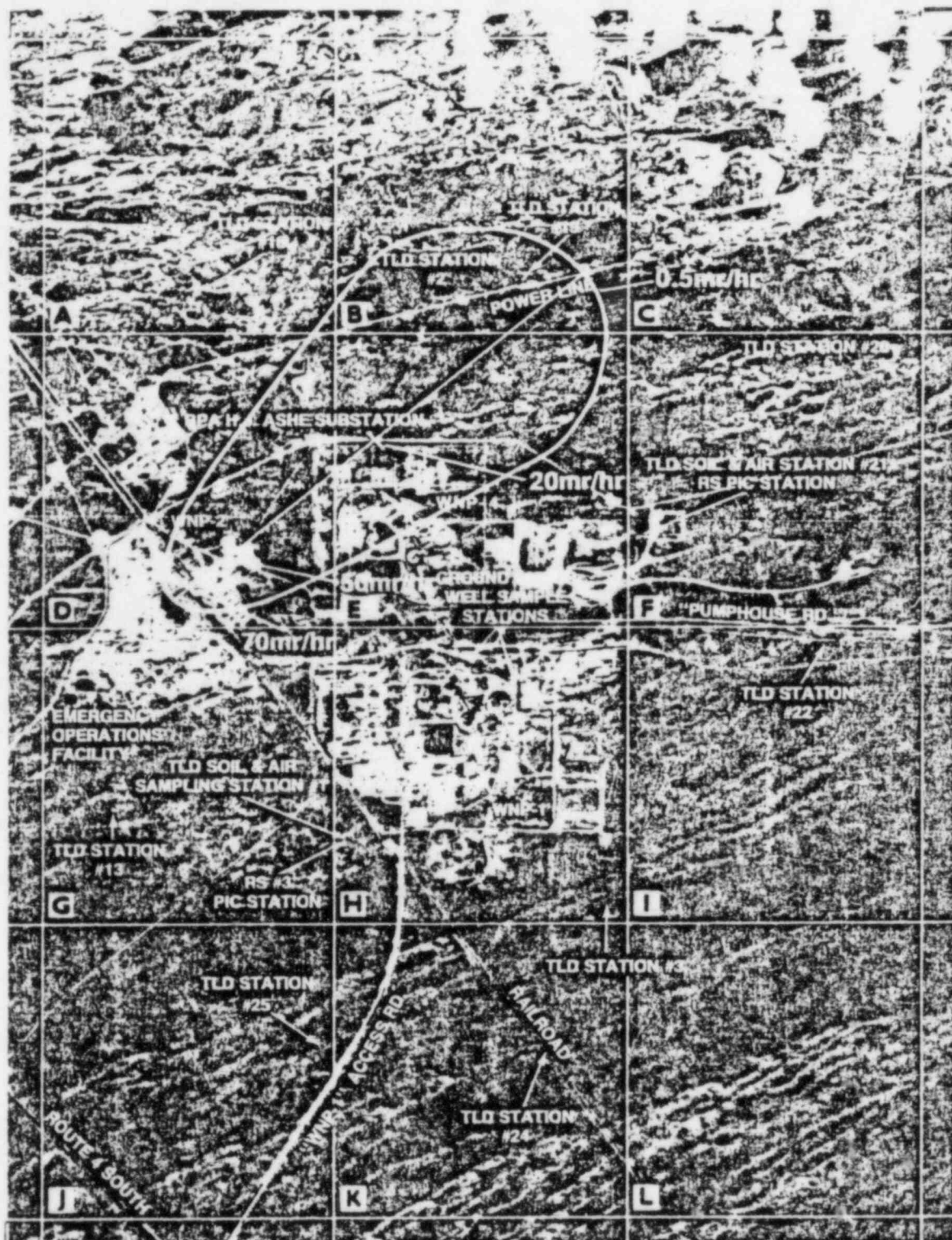
Valid
1030 To 1045
All readings in mr/hr



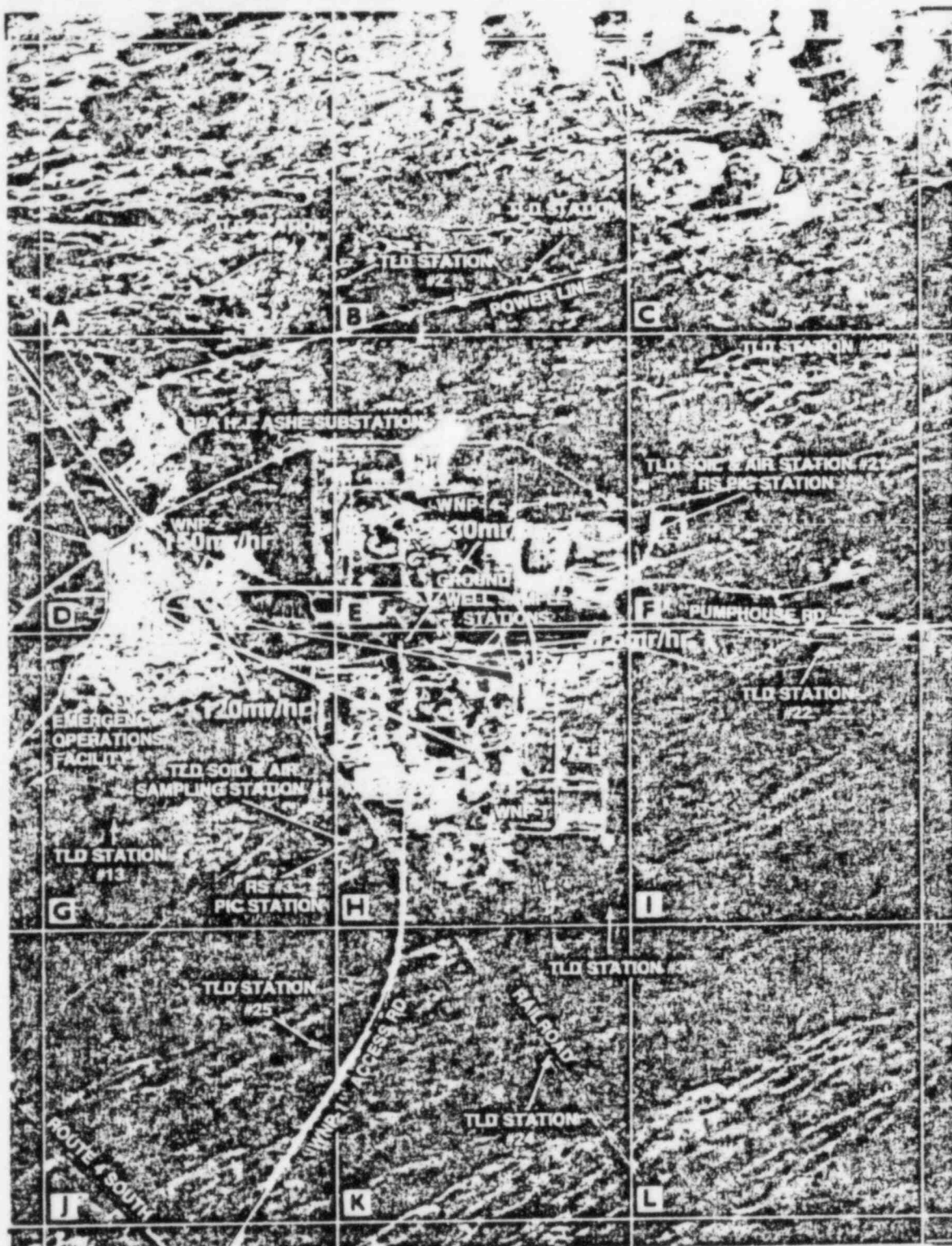
Valid
1045 To 1:100
All readings in mr/hr



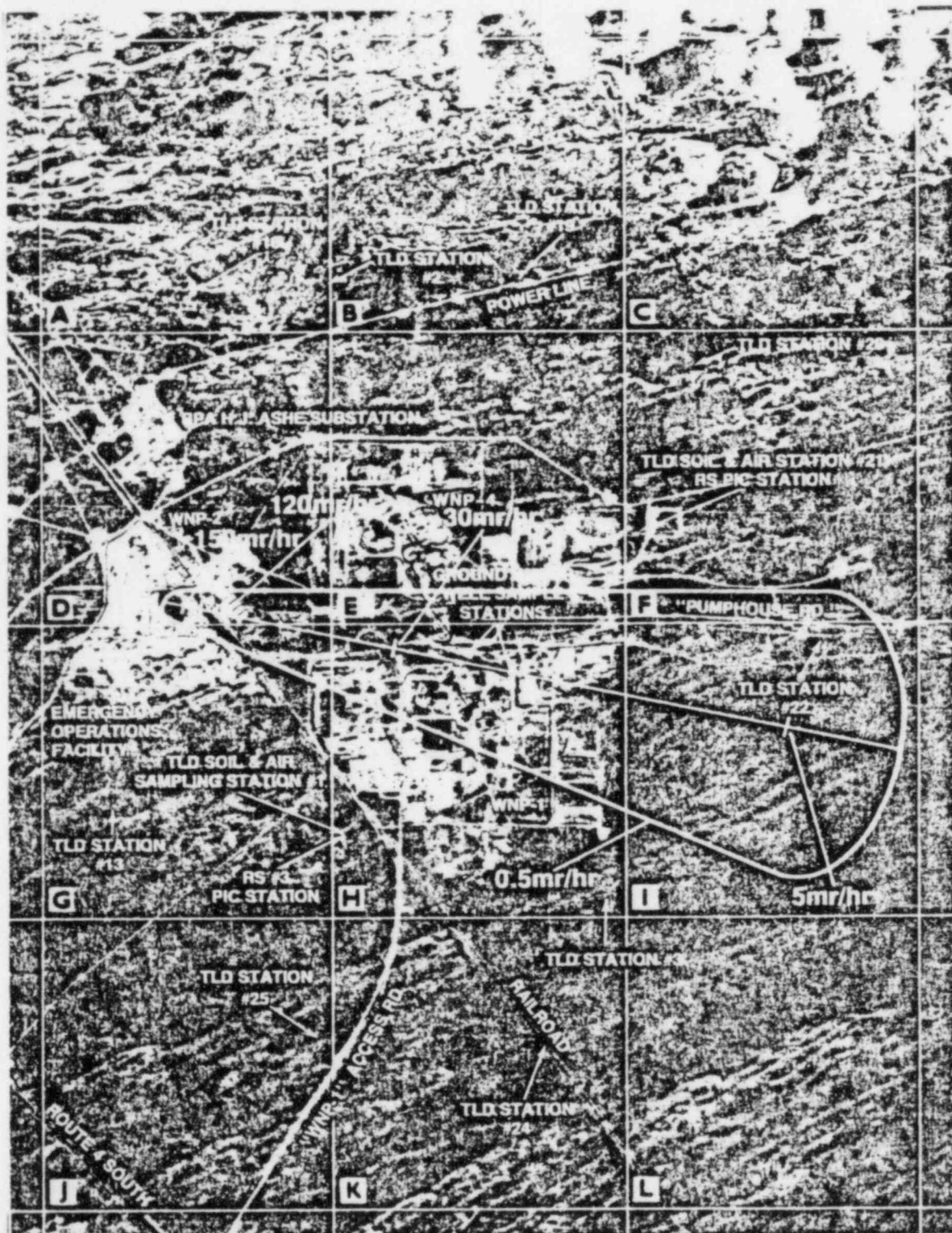
Valid
1100 To 1115
All readings in m/hr



Valid
1130 To 1145
All readings in mr/hr



Valid
1:145 To 1200
All readings in m/hr



Valid
1200 To 1215
All readings in mr/hr



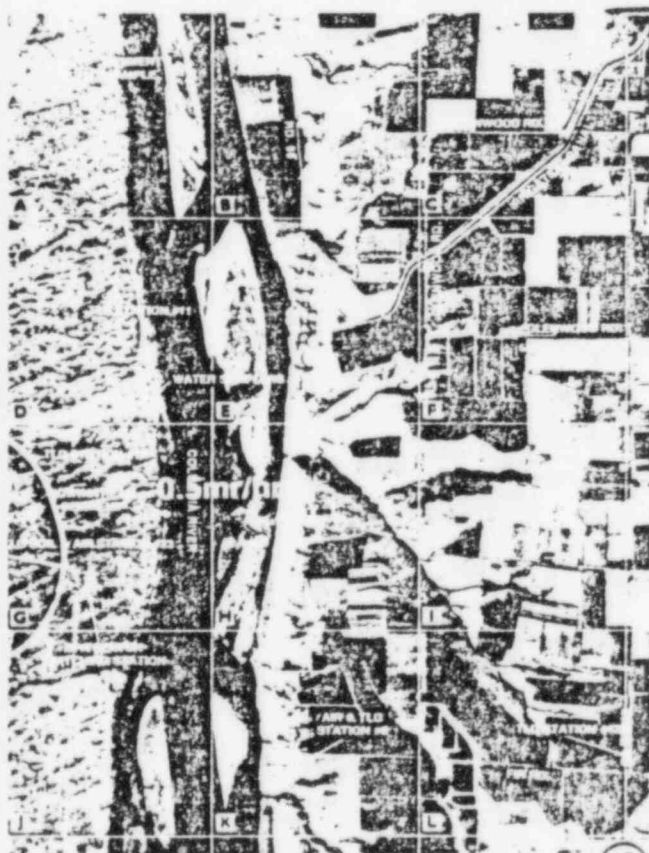
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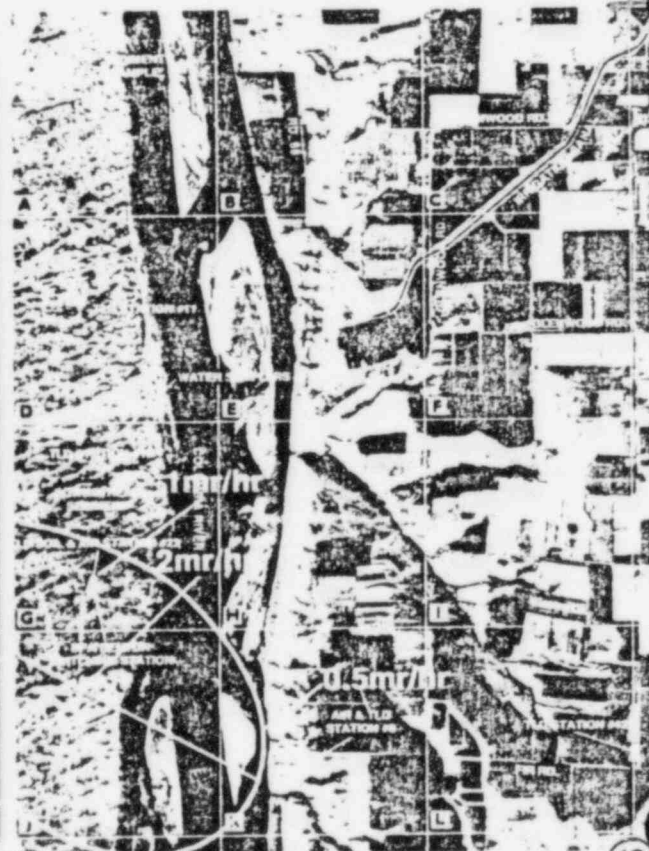
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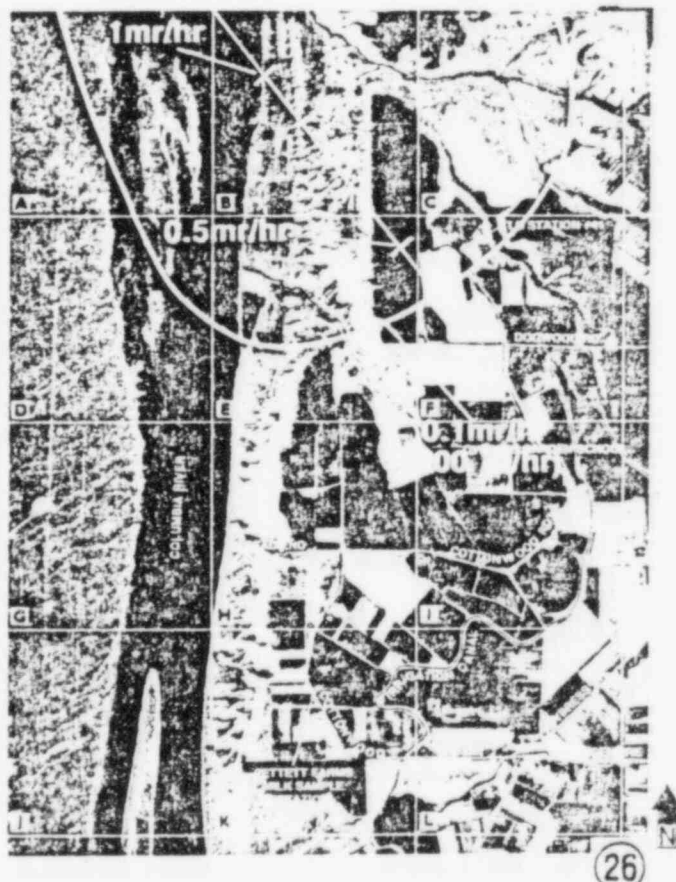
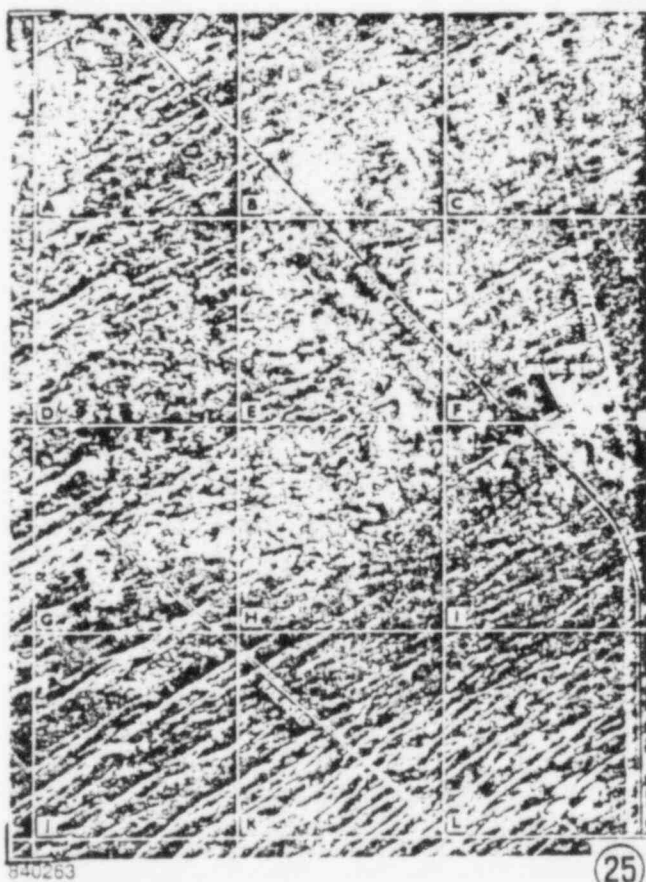
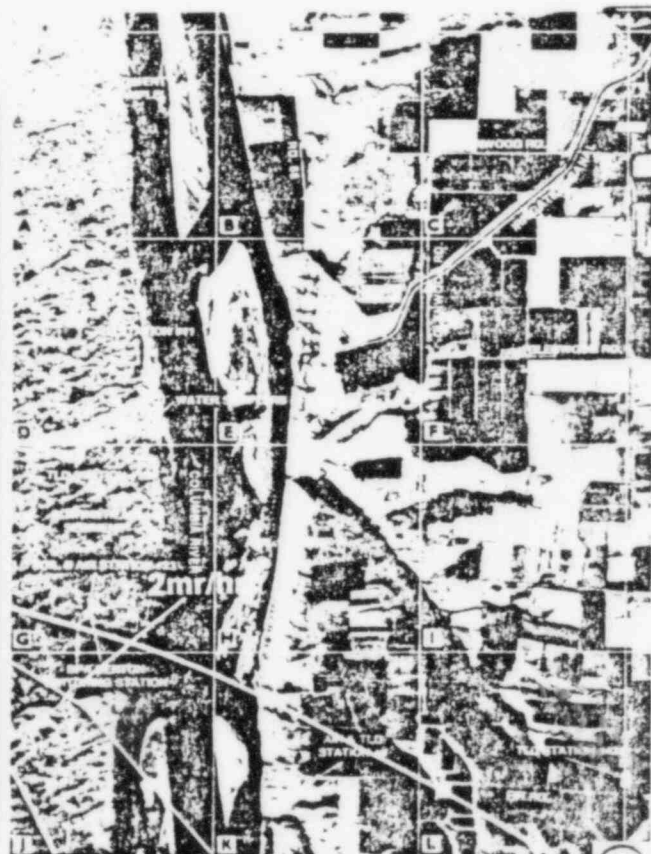
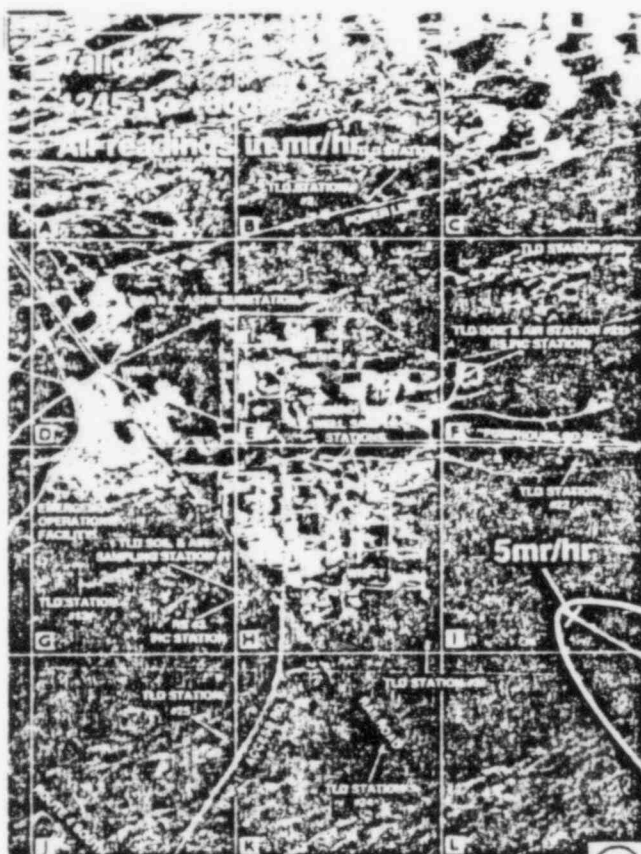
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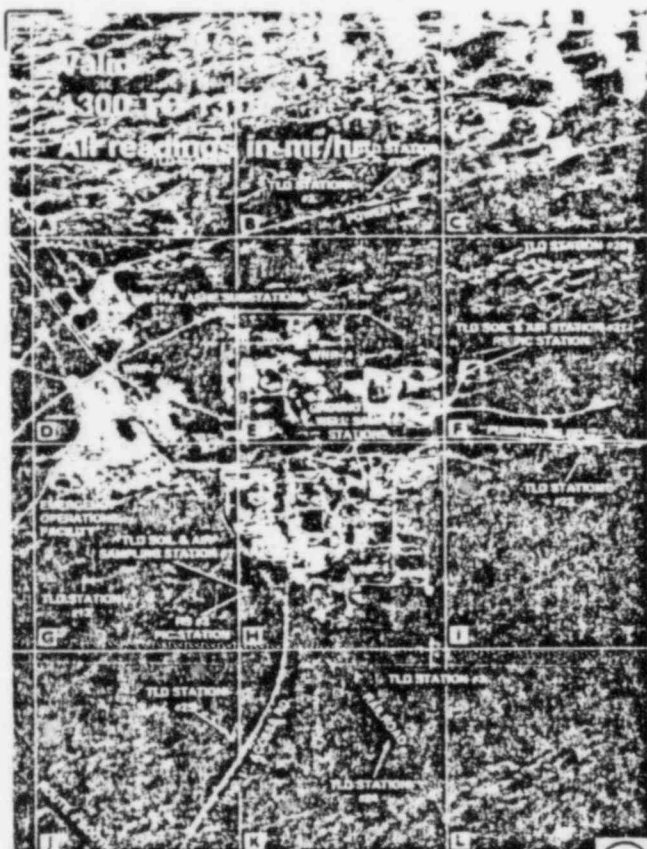


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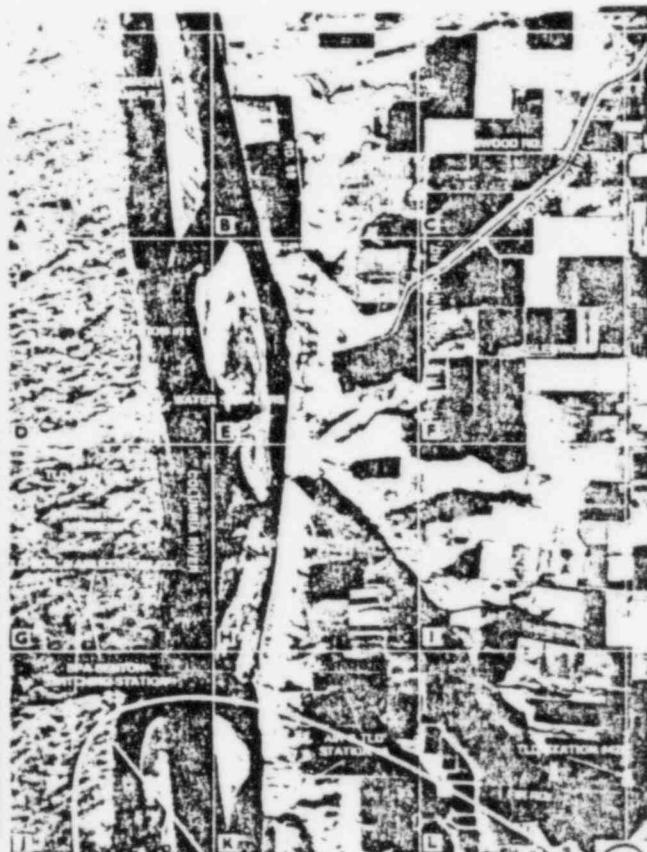


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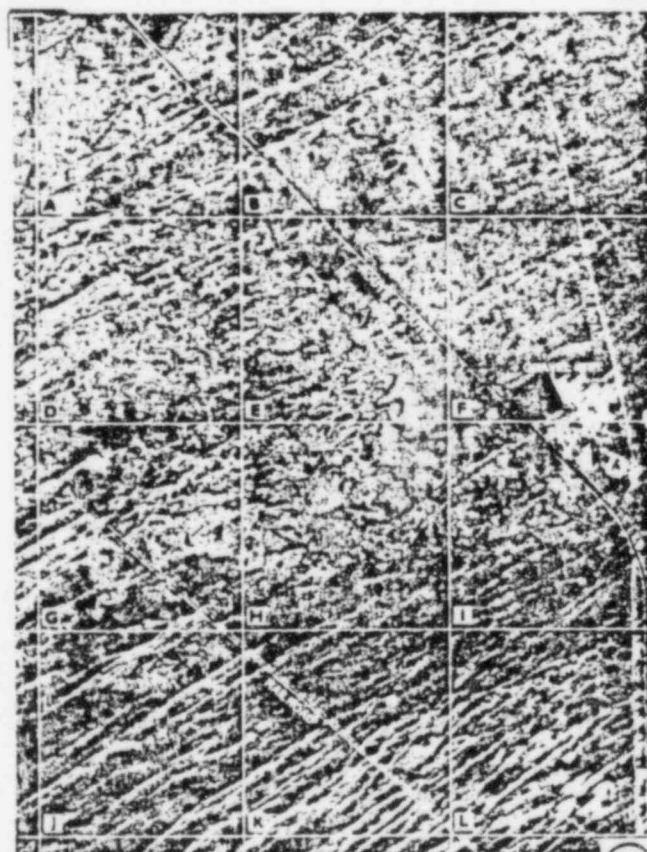




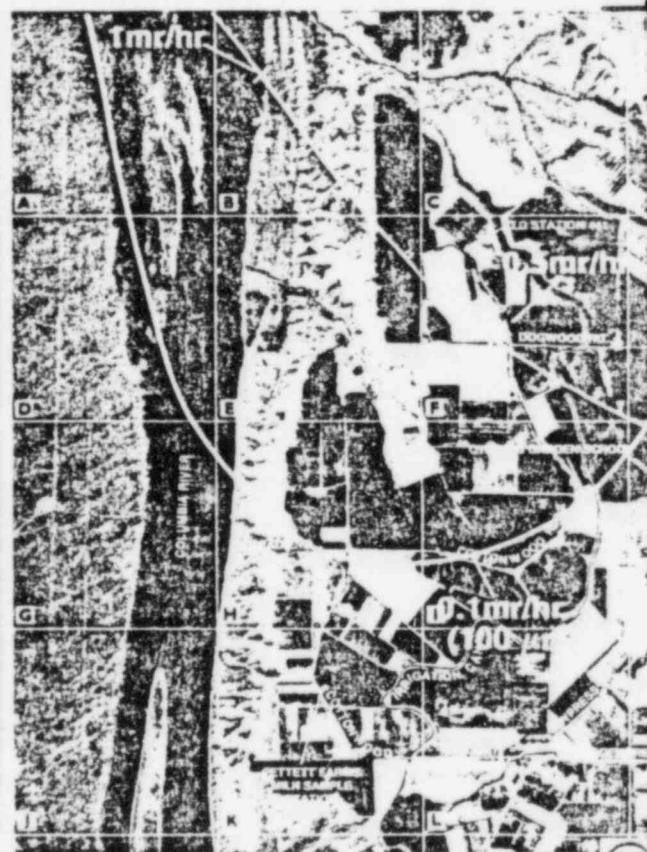
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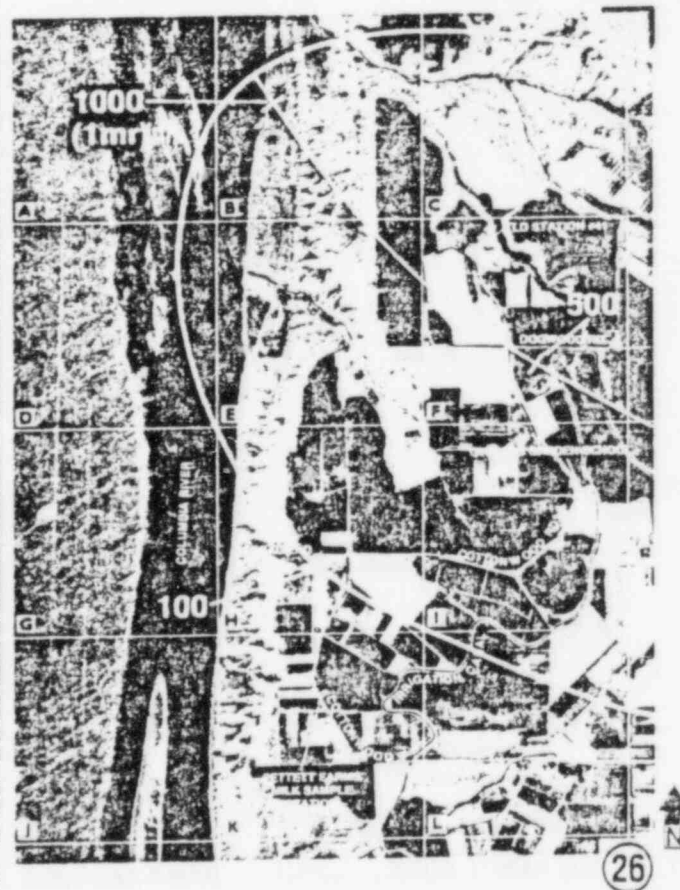
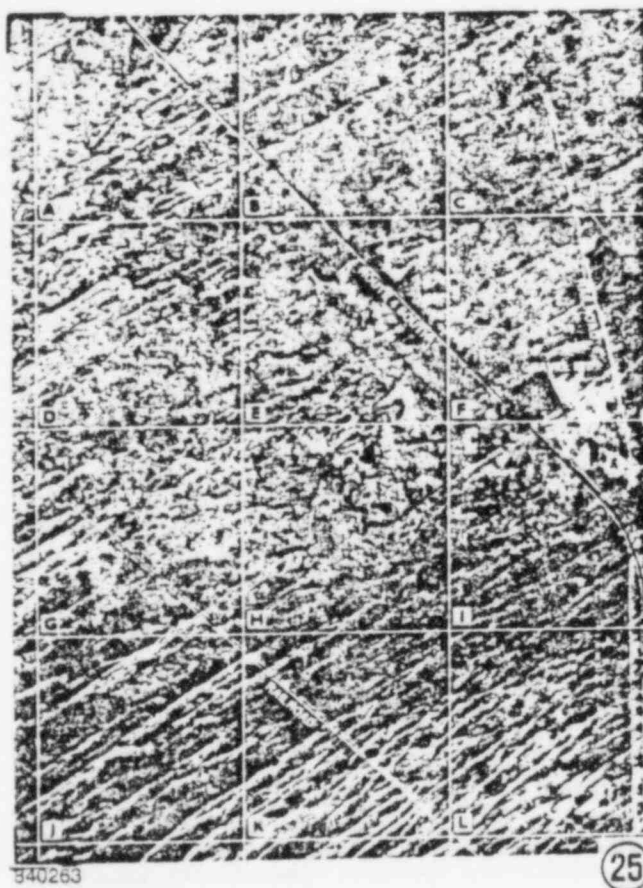
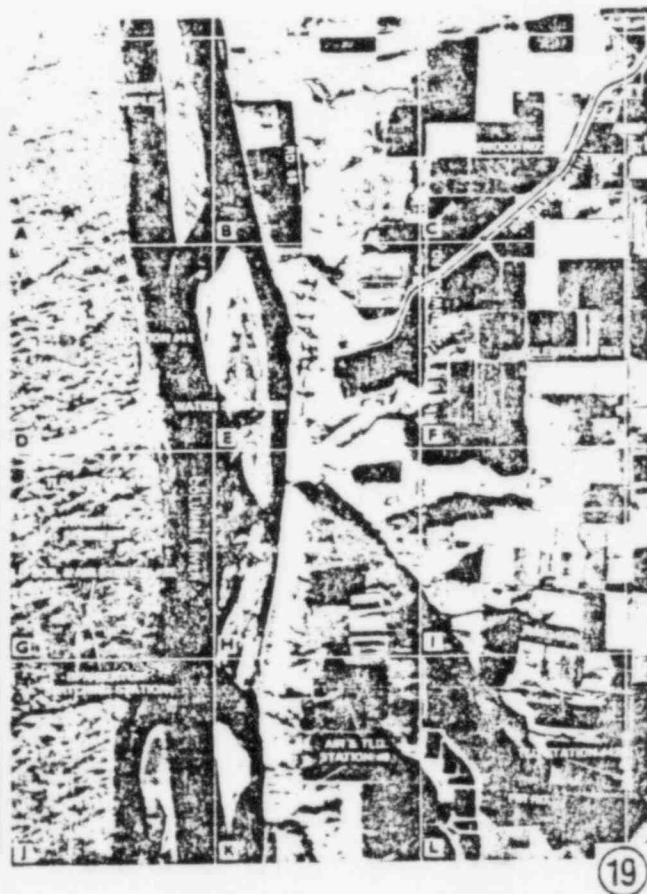
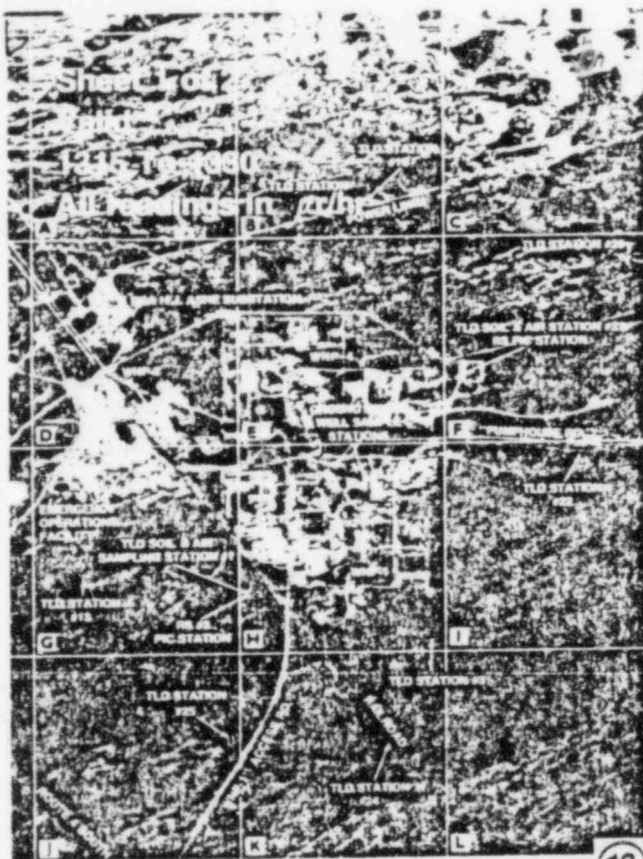
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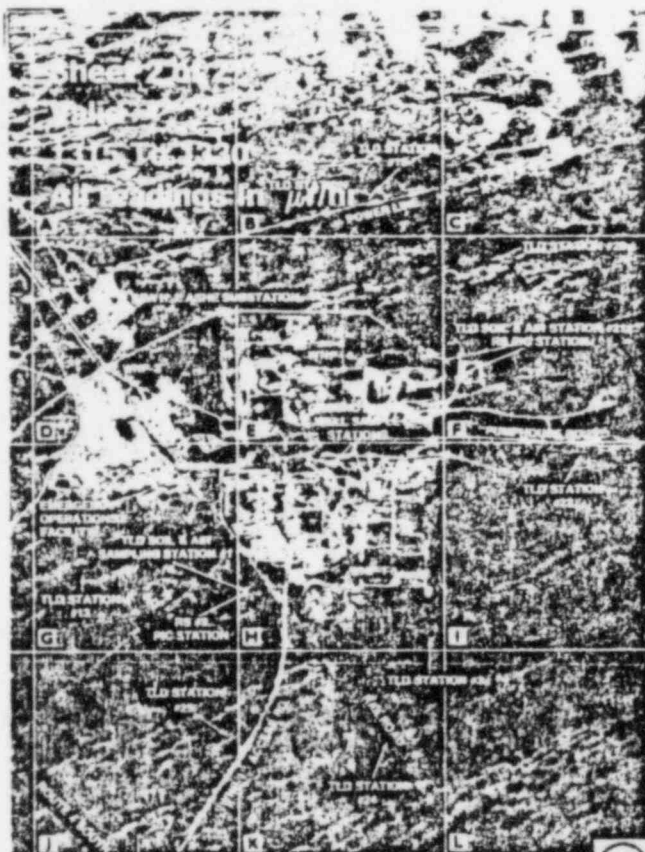


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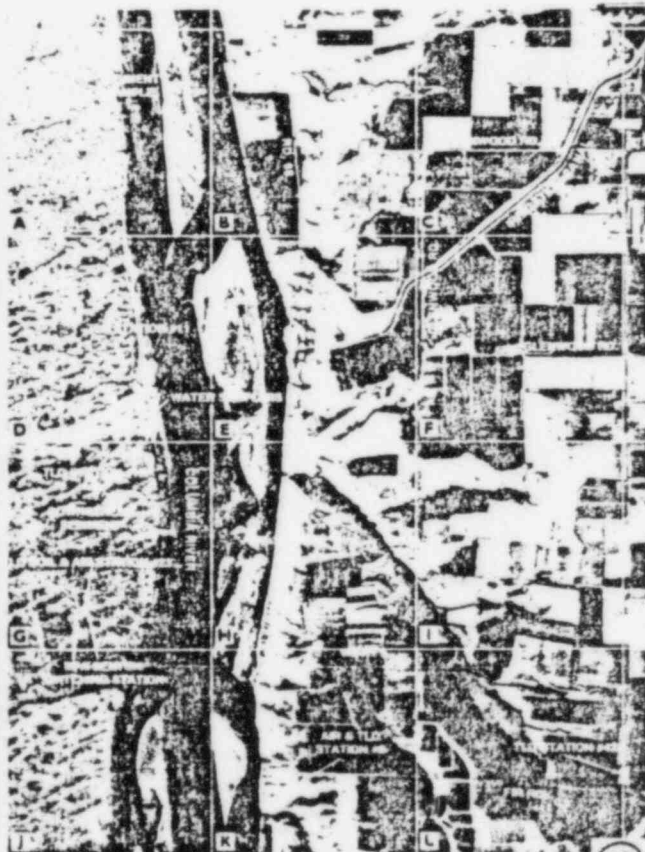


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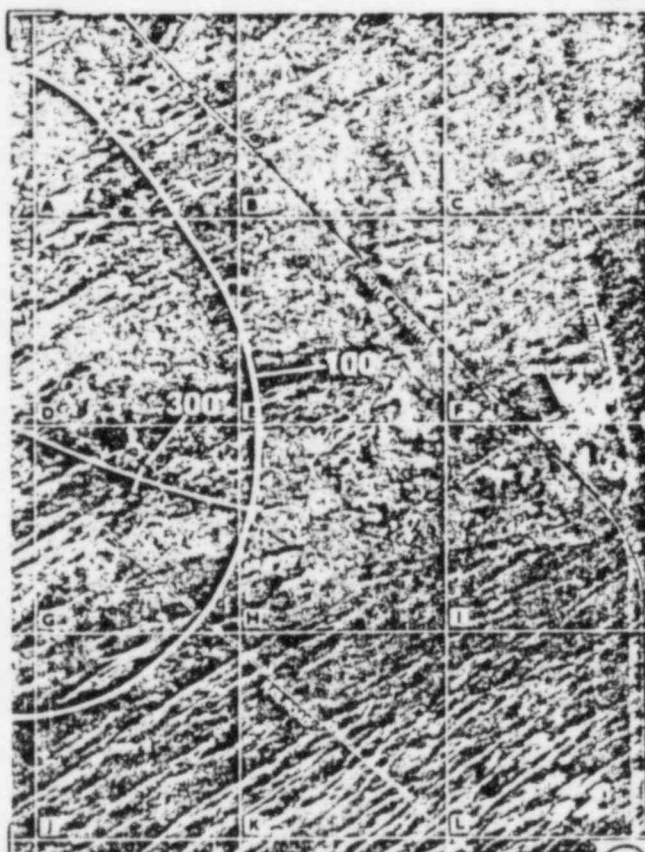




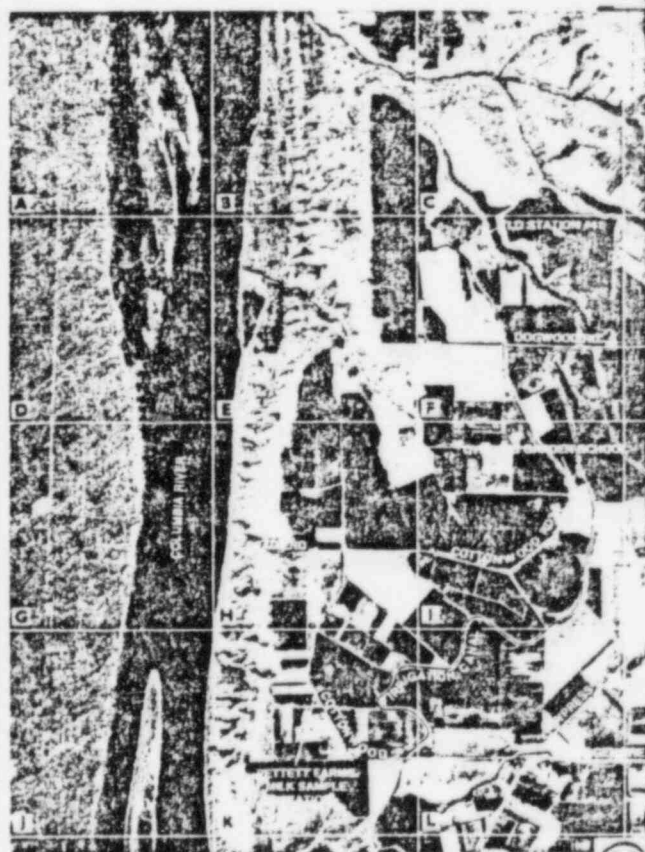
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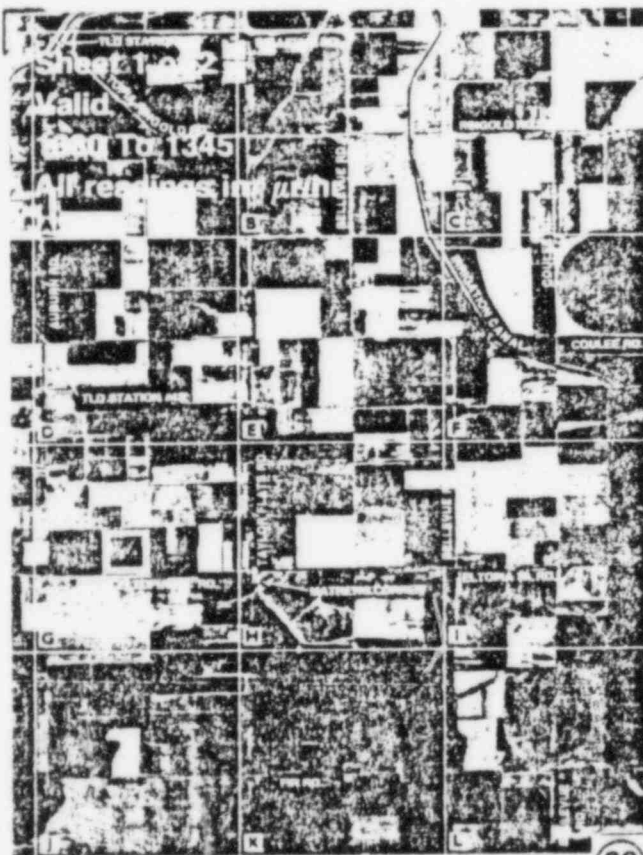
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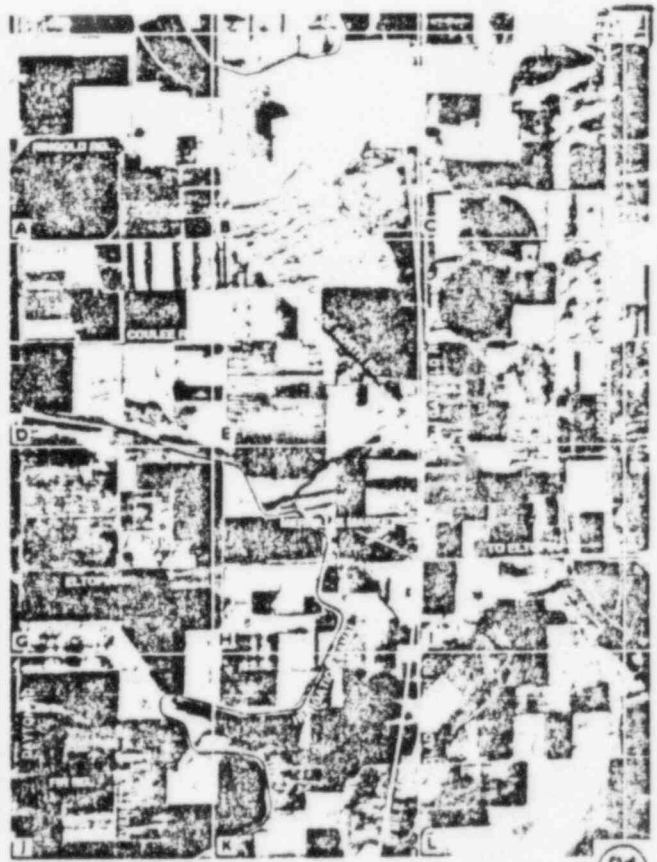
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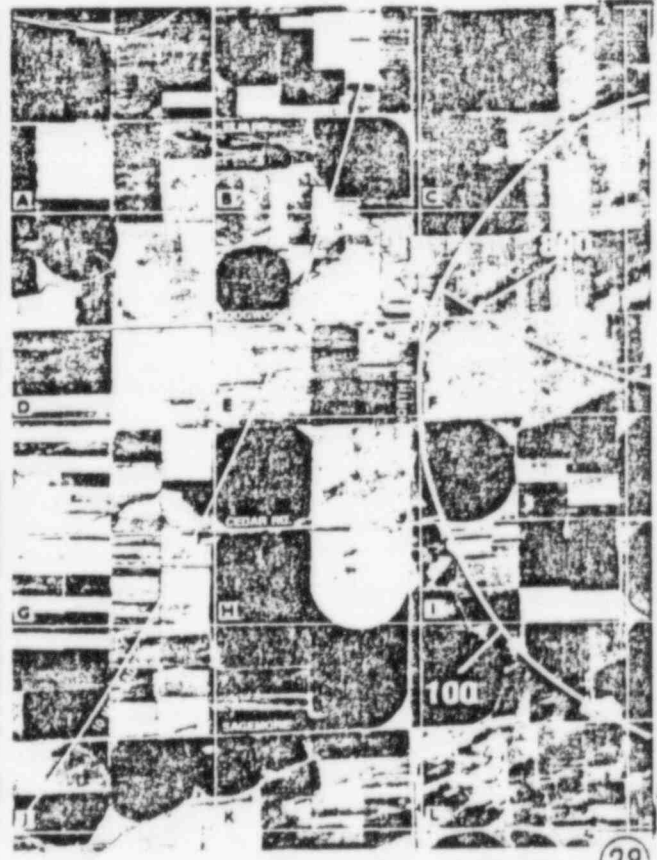


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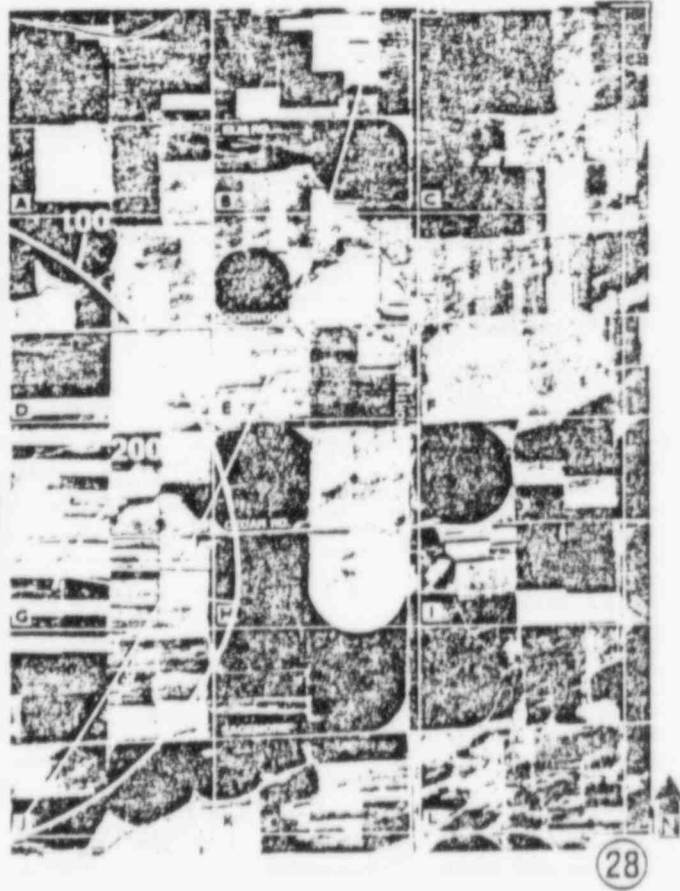
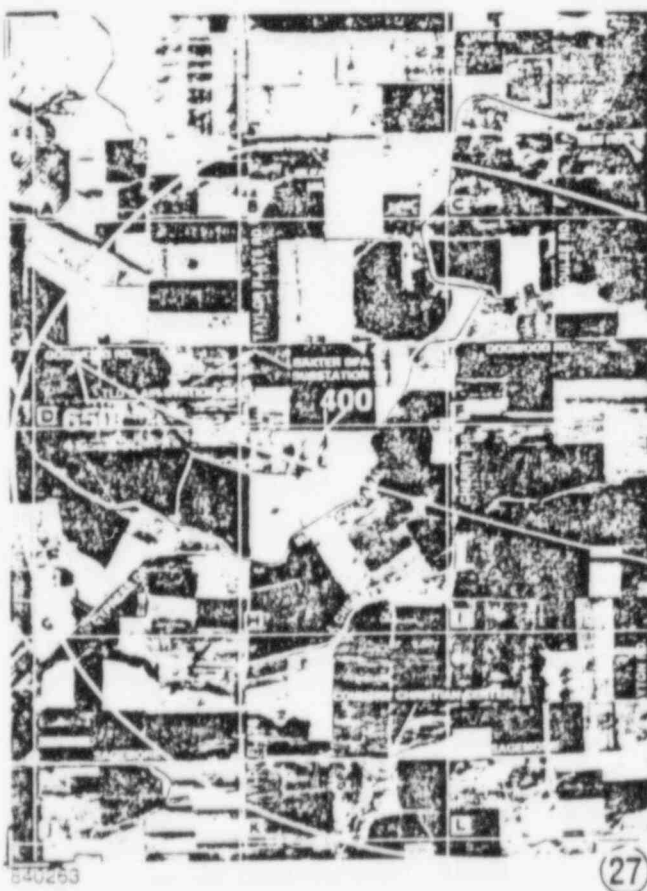
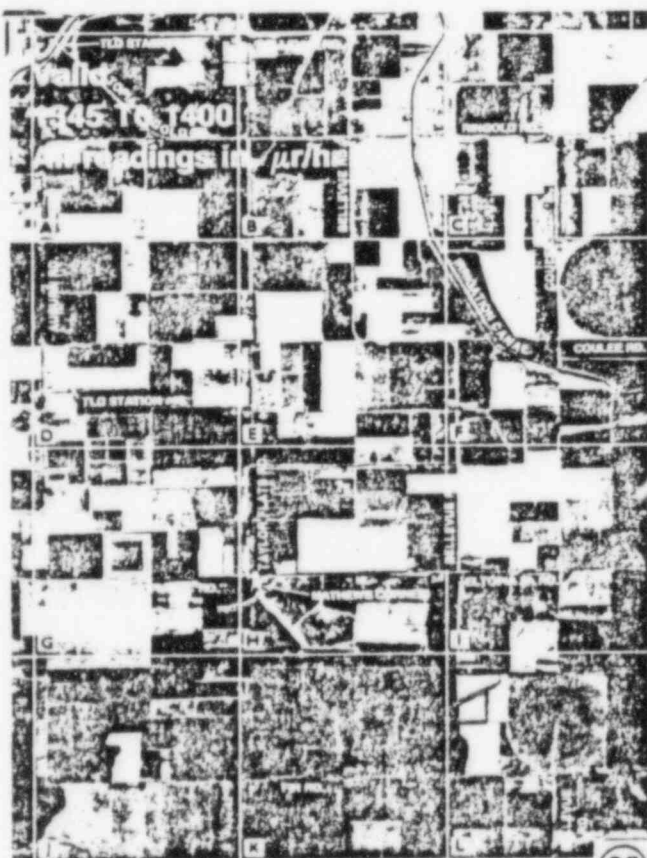


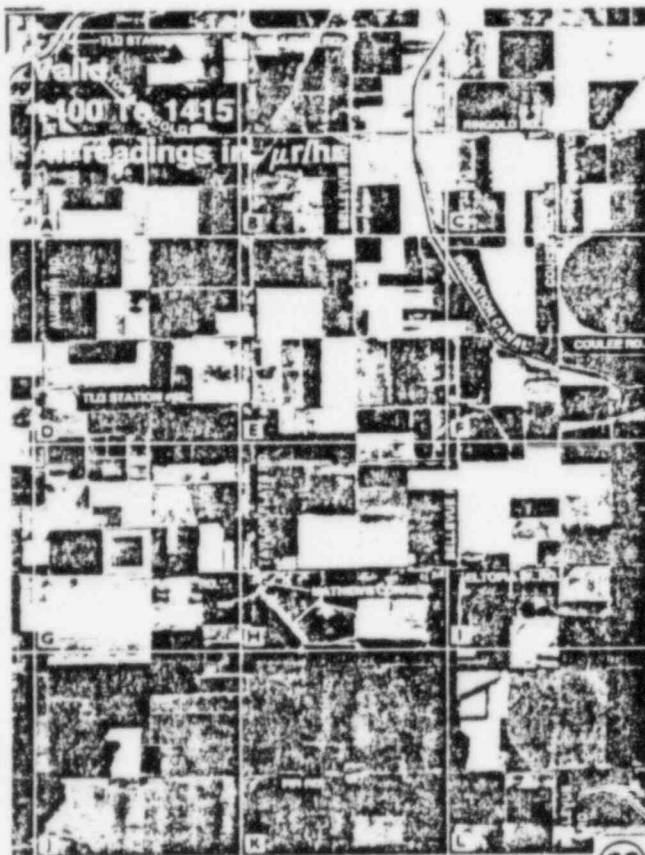
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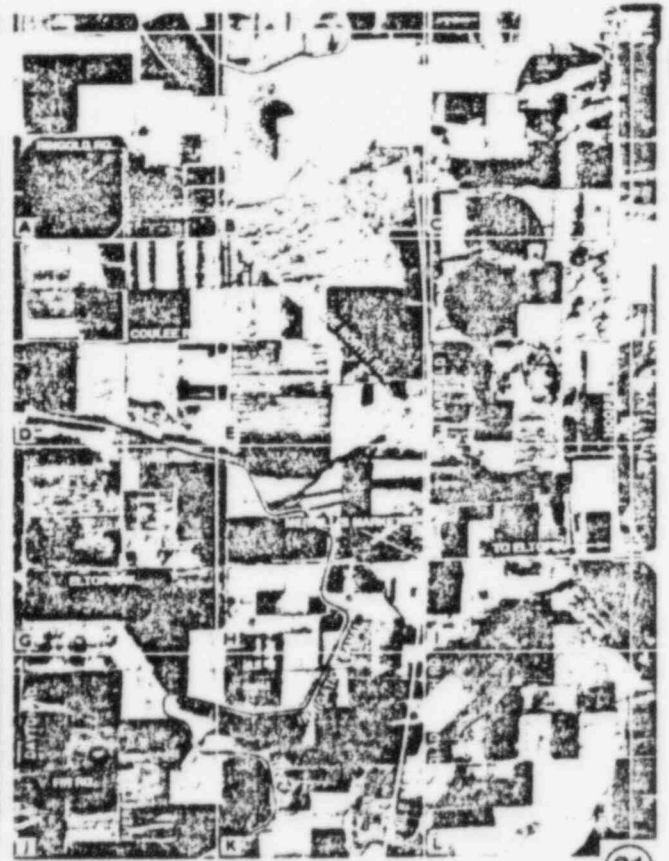


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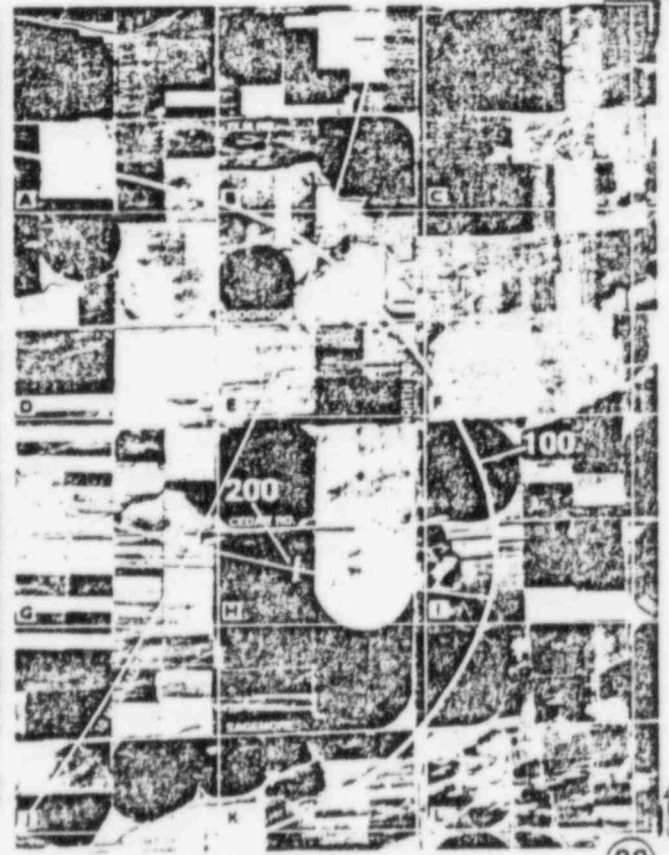
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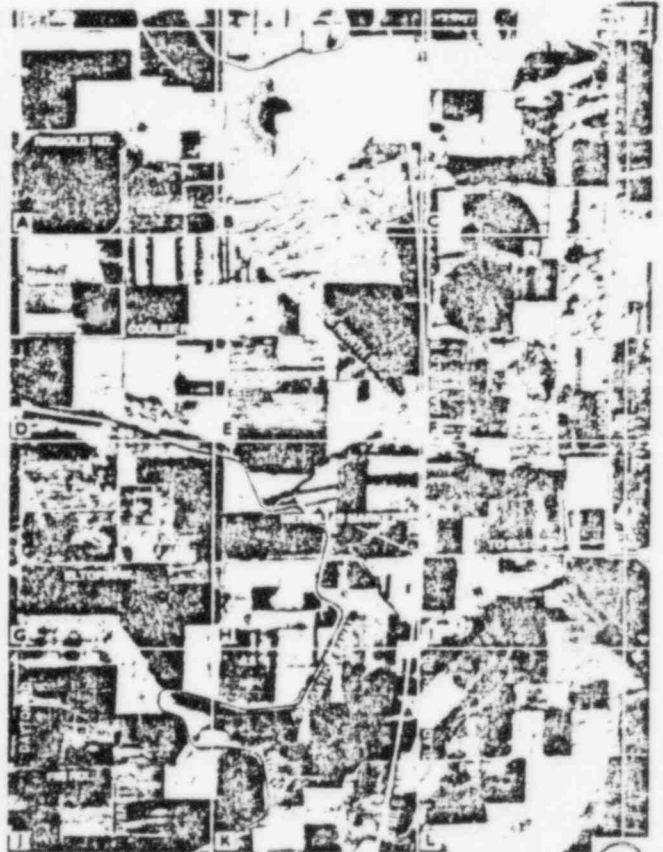
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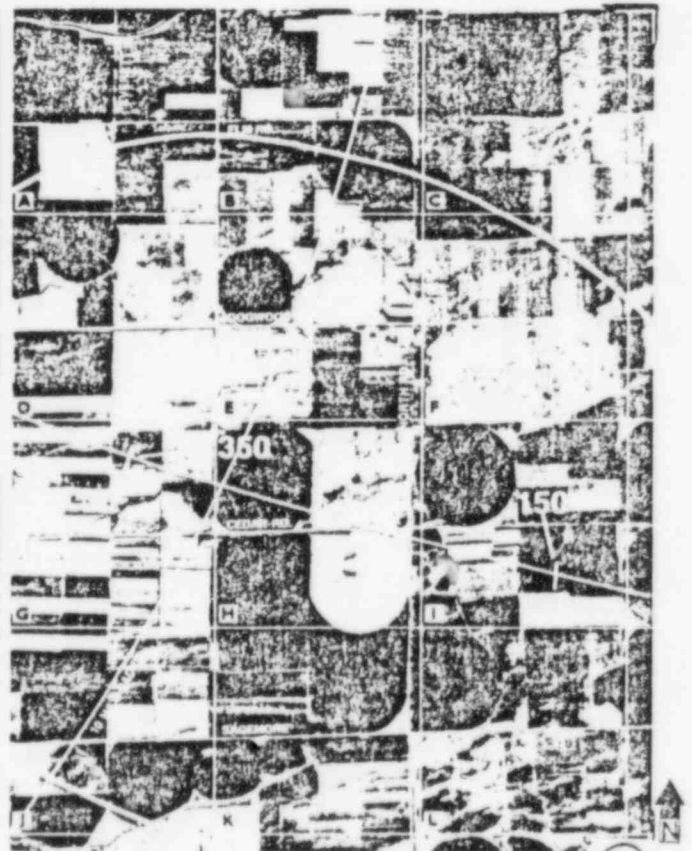
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WASHINGTON FIELD POWER
SUPPLY SYSTEMCONTROLLER INFORMATION
GENERAL DATA SHEET

L NO.		1985 EMERGENCY EXERCISE		PAGE	
SHEET NO.		RESPONSIBLE CONTROLLER (LOCATION)			
76		With Aircraft			
VALID FOR TIMES OF:		<input type="checkbox"/> AM		<input type="checkbox"/> AM	
REAL TIME 0530		<input type="checkbox"/> PM TO 1130		<input type="checkbox"/> PM	
ASSOCIATED WITH MESSAGES		DRILL TIME 0 HOURS TO 0600 HOURS			
		INFORMATION APPLIES TO			
		Request for aerial monitoring			

I'm sorry but the weather is too rough. Things will have to calm down first. We'll take off as soon as we think it's safe.



WASHINGTON PUBLIC POWER

SUPPLY SYSTEM

CONTROLLER INFORMATION
GENERAL DATA SHEET

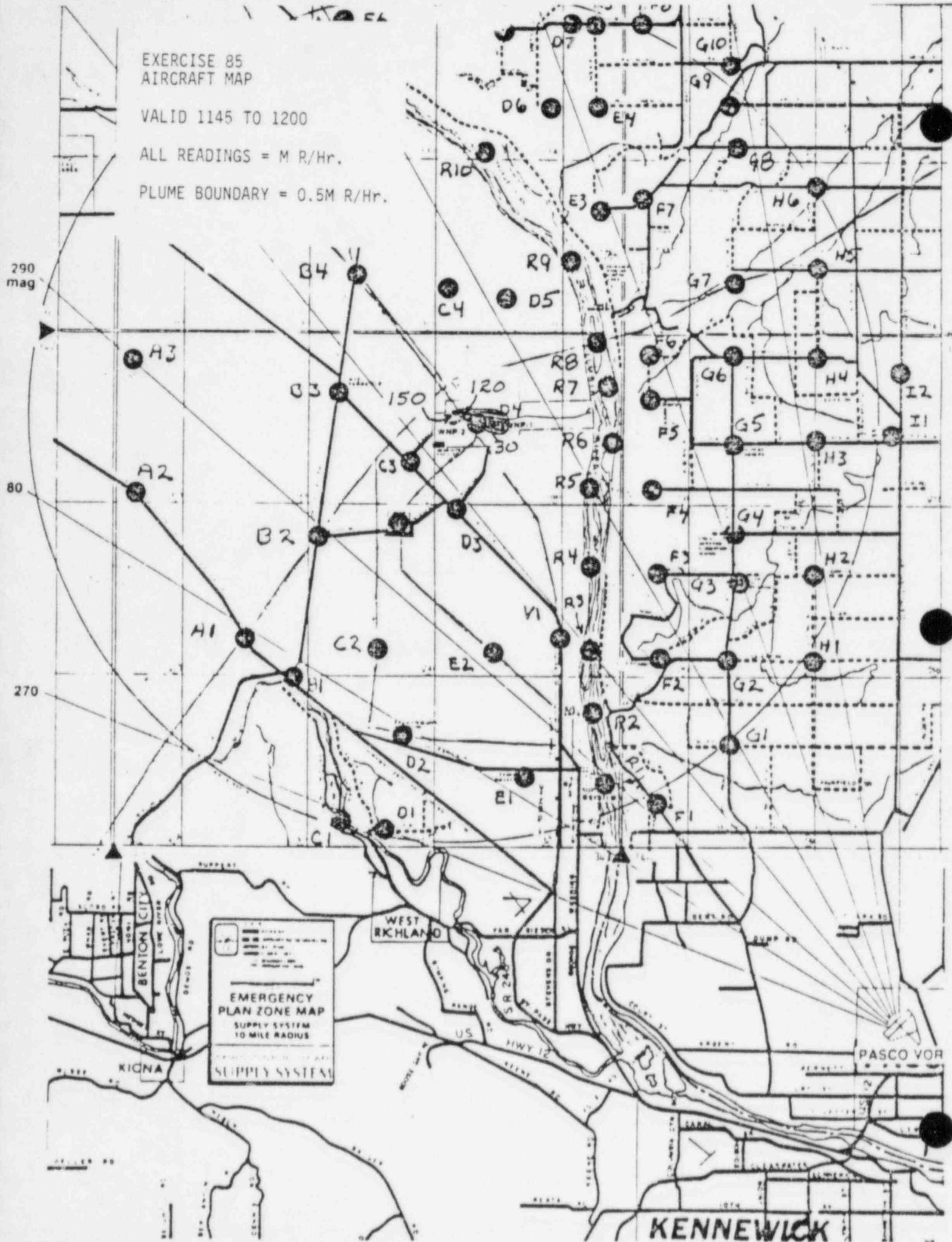
DILL NO.		1985 EMERGENCY EXERCISE		PAGE _____ of _____	
SHEET NO.		RESPONSIBLE CONTROLLER (LOCATION)			
77A-K		Aerial Monitoring Team			
VALID FOR TIMES OF:		<input type="checkbox"/> AM		<input type="checkbox"/> AM	
REAL TIME 1145		<input type="checkbox"/> PM TO 1430		<input type="checkbox"/> PM	
ASSOCIATED WITH MESSAGES		DRILL TIME 0315		HOURS TO 0900 HOURS	
		INFORMATION APPLIES TO Aerial plume monitoring			

EXERCISE 85 AIRCRAFT MAP

VALID 1145 TO 1200

ALL READINGS = M R/Hr.

PLUME BOUNDARY = 0.5M R/Hr.

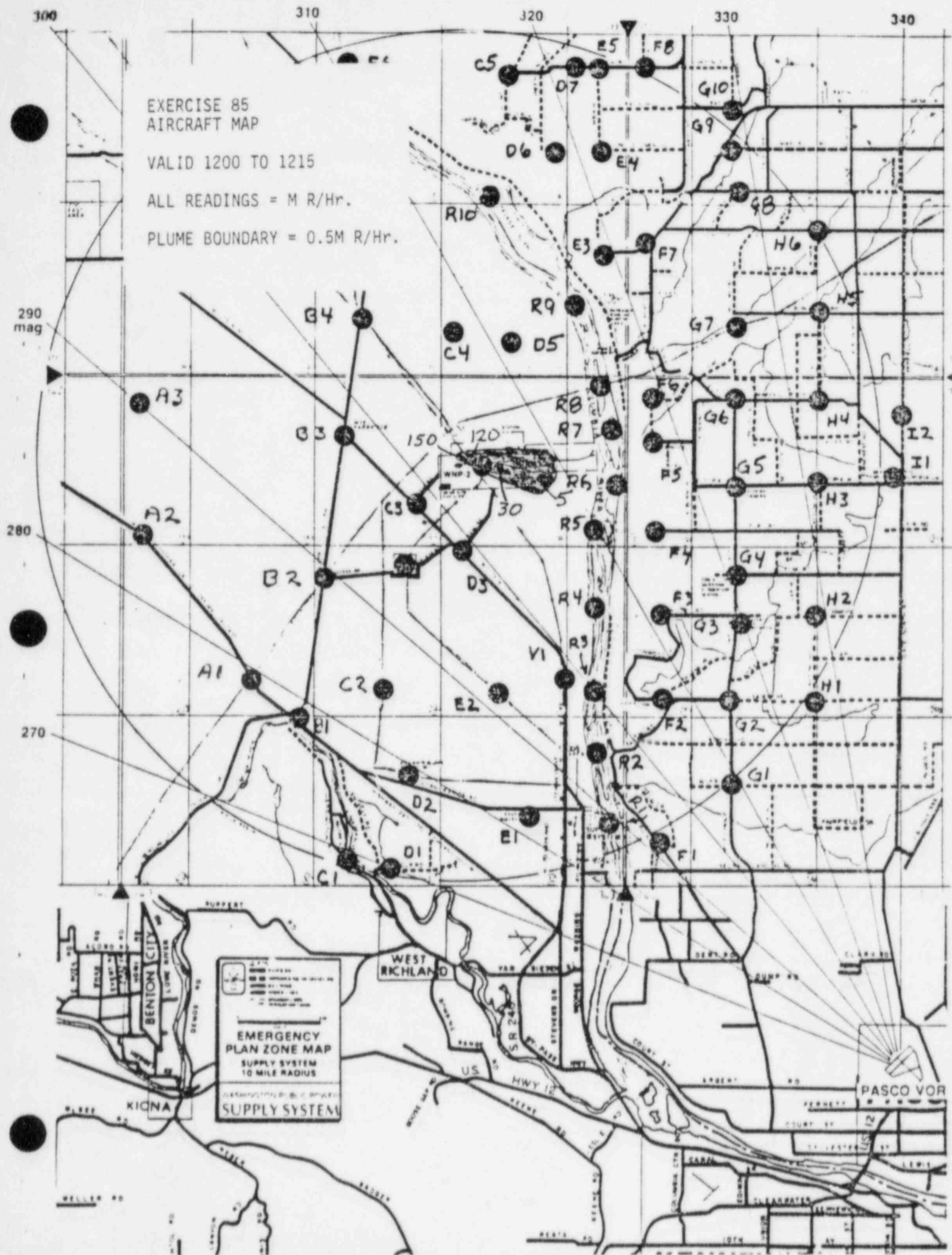


EXERCISE 85
AIRCRAFT MAP

VALID 1200 TO 1215

ALL READINGS = M R/Hr.

PLUME BOUNDARY = 0.5M R/Hr.



300

310

320

330

340

EXERCISE 85 AIRCRAFT MAP

VALID 1215 TO 1230

ALL READINGS = M R/Hr.

PLUME BOUNDARY = 0.5M R/Hr.

290
mag

280

270



300

310

320

330

340

EXERCISE 85 AIRCRAFT MAP

VALID 1230 TO 1245

ALL READINGS = M R/Hr.

PLUME BOUNDARY = 0.5M R/Hr.

290
mag

280

270



300

310

320

330

340

EXERCISE 85 AIRCRAFT MAP

VALID 1245 TO 1300

ALL READINGS = M R/Hr.

PLUME BOUNDARY = 0.5M R/Hr.

290
mag

280

270



EXERCISE 35
AIRCRAFT MAP

VALID 1300 TO 1315

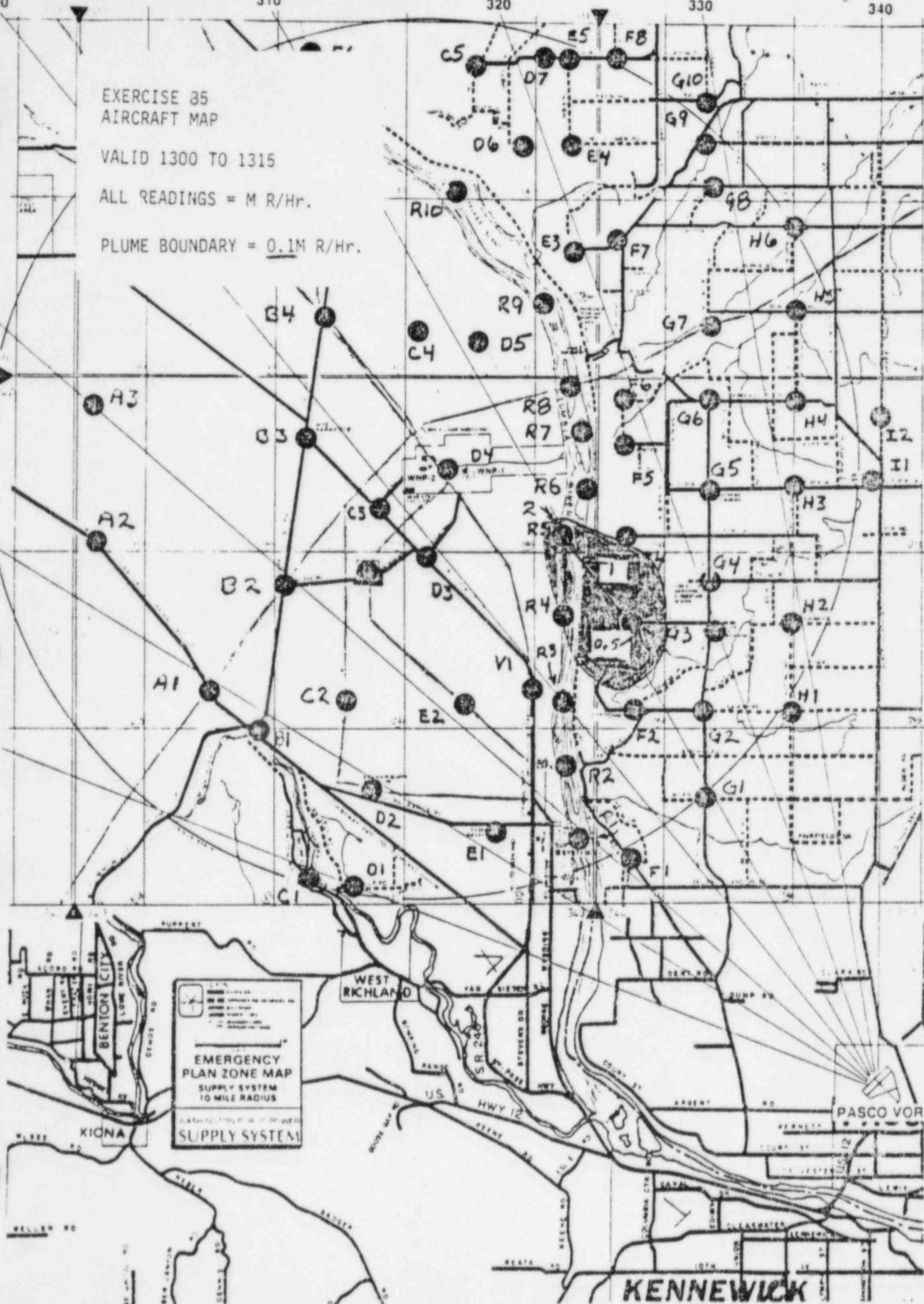
ALL READINGS = M R/Hr.

PLUME BOUNDARY = 0.1M R/Hr.

290
mag

280

270

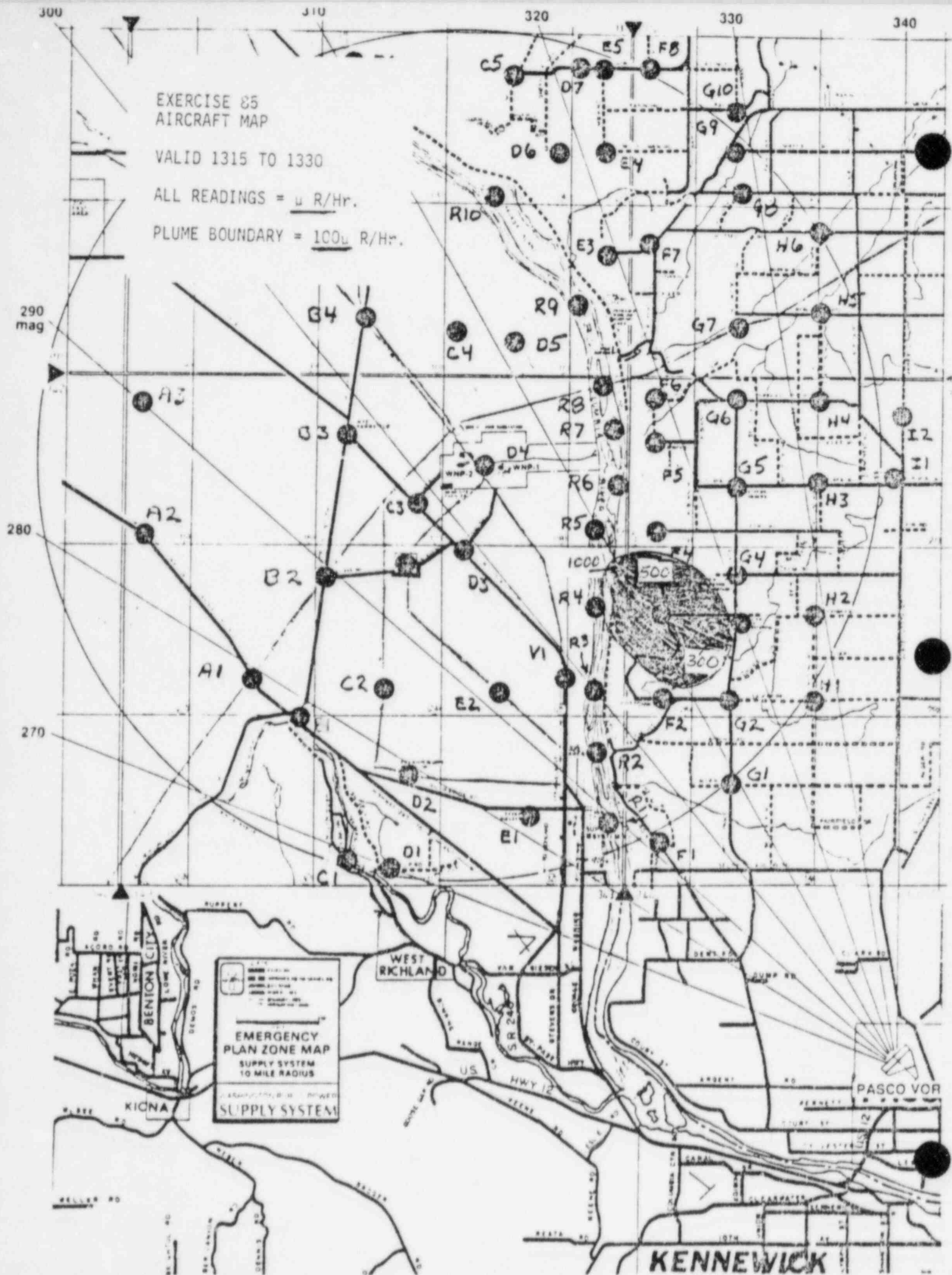


EXERCISE 85
AIRCRAFT MAP

VALID 1315 TO 1330

ALL READINGS = μ R/Hr.

PLUME BOUNDARY = 100μ R/Hr.



EXERCISE 85
AIRCRAFT MAP

VALID 1330 TO 1345

ALL READINGS = μ R/Hr.

PLUME BOUNDARY = 100μ R/Hr.

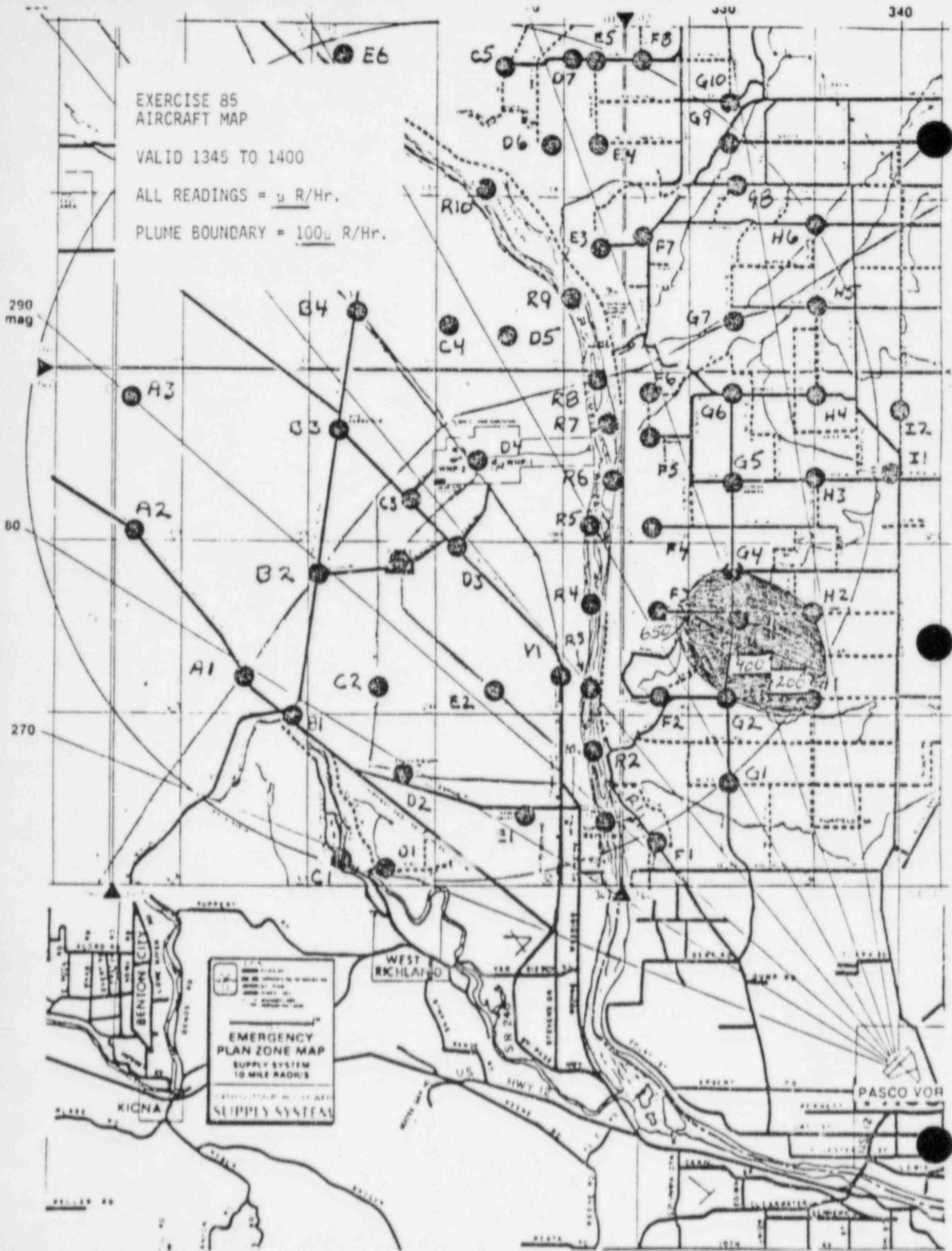


EXERCISE 85
AIRCRAFT MAP

VALID 1345 TO 1400

ALL READINGS = μ R/Hr.

PLUME BOUNDARY = 100μ R/Hr.



EXERCISE 85 AIRCRAFT MAP

VALID 1400 TO 1415

ALL READINGS = μ R/Hr.

PLUME BOUNDARY = 100μ R/Hr.

290
mag

30

270



EXERCISE 85 AIRCRAFT MAP

VALID 1415 TO 1430

ALL READINGS = μ R/Hr.

PLUME BOUNDARY = 100μ R/Hr.



WASHINGTON PUBLIC POWER SUPPLY SYSTEM

CONTROLLER INFORMATION

CRITICAL POINTS

DRILL NO.

1985 Emergency Exercise

PAGE

1 of 1

ITEM	TIME		RESPONSIBLE PERSON
	REAL	DRILL	
1) Initiating Conditions (Message 1)	0530	0000	Control Room Controller
2) Unusual Event Message/Notifications	0545	0015	Shift Manager
3) Default Unusual Event Declaration	0615	0045	Control Room Controller
4) RHR "B" gross seal leak	0645	0115	Control Room Controller
5) Failure of LPRM's	0700	0130	Control Room Controller
6) Met tower hit by lighting	0750	0220	Shift Manager
7) Spray ponds overflow	0751	0221	CAS Controller
8) Reactor Scrams (Alert)	0815	0245	Control Room Controller
9) Perimeter fence line erosion	0825	0255	Patrol 3 Controller
10) Chemistry Sample results	0830	0300	Chem Lab Controller
11) OSC Director sick (replaced)	0845	0315	OSC Controller
12) Turbine Bldg ARMS alarms	0900	0330	Control Room Controller
13) Reactor Subcritical	0915	0345	Control Room Controller
14) Indications of Noble Gases in Turbine Bldg.	0945	0415	Reentry Team Controller
15) Contaminated Security Officer	1005	0435	Survey Team Coordinator
16) Reactor repressurizer (15%) (Site Area Emergency)	1015	0445	Control Room Controller
17) Plant Conditions Dictate General Emergency	1145	0615	Control Room Controller
18) Plant invokes 10CFR50.54x to exceed 100°/hr cooldown	1150	0620	Control Room Controller
19) Reactor Depressurized (Site Area Emergency)	1230	0700	Control Room Controller
20) Release Terminated	1230	0700	Control Room Controller
21) RHR Loop returned	1235	0705	RHR Pump Controller
Partial Exercise Termination Except MUDAC and Field Teams	1330	0800	Exercise Director
23) Exercise Terminated	1430	0900	Exercise Director

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

DRILL DIRECTOR PREDRILL CHECKLIST

ALL NO. 1985 Emergency Exercise PAGE 1 of 1

DRILL DIRECTOR Don Bouchey ALTERNATE DRILL DIRECTOR Robert Mazurkiewicz

ACTION	Assigned To	INITIALS
1) Verify telephone number in EPIP 13.4.1	<u>Klauss</u>	
2) Review Emergency Phone Book for completeness	<u>Mogle</u>	
3) Insure that all emergency centers are operable	(EOF) <u>Mannion</u> (Plant) <u>Mogle</u> (HQ) <u>Klauss</u>	
4) Insure that player/controller/evaluator lists are complete.	<u>Chitwood</u>	
5) Insure that EPIP 13.11.18 "Information Network" is established and operable.	<u>Mannion</u>	
6) Replace player accountability logs	<u>Maxwell</u>	
7) Synchronize clocks at all facilities 735-9531	<u>Planners</u>	
8) Pre-exercise meetings:		
a. Prepare player meetings	<u>Klauss</u>	
b. Conduct player meetings on Sept. 9, 1985		
(1) Plant 0900	<u>Mogle</u>	
(2) EOF 0900	<u>Klauss</u>	
(3) HQ 0900	<u>Mannion</u>	
c. Conduct observers meeting 1600 Walkley Room	<u>Chitwood</u>	
d. Conduct controller meetings on Sept. 9, 1985		
(1) HQ 1000 for all	<u>Mannion</u>	
	<u>Klauss</u>	
	<u>Mogle</u>	
(2) Plant and EOF 1300-1600	<u>Klauss</u>	
	<u>Mogle</u>	
o Field Teams	<u>Davis</u>	
	<u>Utter</u>	
(3) HQ 1300-1600	<u>Stephenson</u>	
	<u>McCullough</u>	

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

DRILL DIRECTOR

PREDRILL CHECKLIST

DRILL NO.

1985 Emergency Exercise

PAGE

2 of

DRILL DIRECTOR

Don Bouchey

ALTERNATE DRILL DIRECTOR

Robert Mazurkiewicz

ACTION	Assigned To	INITIALS
(4) CO. EOC 1400-1600	<u>Mannion</u>	
(5) State EOC 1500-1600	<u>Petre</u>	
12) Controller identification Badges/armbands	<u>Mogle</u>	
13) Schedule rooms for briefing and evaluators/ controllers meetings	<u>Klauss</u>	
14) Contact HEHF and inform them to disregard heart attack patient message if they are contacted.	<u>Mogle</u>	
15) Recruit Evacuees	<u>Klauss</u>	
16) Lunches		
a. Prepare estimate on requirement by Center	<u>Klauss</u>	

PART III EVALUATOR/CONTROLLER INSTRUCTIONS

CONTENT
EXERCISE 85

CONTROLLED DISTRIBUTION

1. General Evaluator/Controller Instructions
2. Special Participating Agency Evaluator/Controller Instructions
3. Critique Worksheets
4. Evaluator Logs
5. Exercise Critique

CONTROLLED DISTRIBUTION

INSTRUCTIONS TO EVALUATORS AND CONTROLLERS

A. INTRODUCTION

The emergency exercise is an annual activity required for the retention of the WNP-2 operating license. Preparation of the exercise scenario, and overall coordination and control of activities for the exercise is handled by the special work group established within the Supply System and other participating agencies. Actual evaluation of performance will be conducted by personnel from the Nuclear Regulatory Commission (NRC), for the Supply System emergency response within the plant, and from the Federal Emergency Management Agency (FEMA), for all activities which take place outside of the plant.

The exercise is designed to place pressure on the players to make decisions. They should implement proper responses to the situations depicted, displaying good common sense and an awareness of established procedures. The players should view the events as real emergency situations, and take the exercise seriously. Horseplay or joking by the players is not to be tolerated. Controllers are to take immediate corrective measures should such conduct be observed.

B. PRE-EXERCISE PREPARATION

The Deputy Exercise Director will establish a schedule for meetings relating to the exercise. This will include meetings with evaluators and controllers to assign locations and responsibilities, and to review pertinent procedures and critique worksheets, meetings with the players to review the exercise objectives and procedures, and a schedule for the post-exercise critique sessions.

The pre-exercise checklist will be reviewed by the Deputy Exercise Director to ensure that all actions have been, or will be, completed prior to the exercise. These actions may be completed by the Deputy Exercise Director or assigned to other individuals on the exercise work group.

Accident areas will be set up as realistically as possible. Props will be incorporated, but situations, will not be created which are actually hazardous to the players, e.g. actual fires will not be started in the plant, or egress routes established through areas with dangerous radiation levels.

C. PRE-EXERCISE MEETINGS FOR EVALUATORS AND CONTROLLERS

Prior to the conduct of the exercise, meetings will be held by the lead exercise controllers in the various areas with persons assigned as evaluators and controllers. At these meetings complete overviews of the salient portions of the exercise manual will be presented, including the objectives, scenario, messages, anticipated responses and data sheets. Procedures to be implemented will be reviewed as necessary. The controllers and evaluators will be assigned locations and their responsibilities identified.

The evaluators and controllers will be provided with tours of the pertinent areas involved in the exercise so that they are familiar with where the action is occurring.

D. TRAINING/WALK-THROUGH

Meetings with the players will be held at different locations prior to the exercise. Reviews of the exercise objectives will be conducted and the scope of the exercise will be explained. The roles of the Deputy Exercise Director, controllers and evaluators will be covered, as well as the performances and conduct expected of the players. As may be necessary, the procedures to be implemented will be reviewed, with emphasis on any recent changes. The players may be provided a walk-through of their areas to be occupied during the exercise. Actions that will be required during the exercise may be discussed in generic terms relating to the procedures, and "what if" situations may be discussed. Specifics on the exercise scenario will be avoided as much as possible to prevent the

players from outlining their responses in any detail prior to the exercise.

E. EXERCISE DIRECTOR AND CONTROLLER RESPONSIBILITIES

The assigned Exercise Director is the person in charge of conducting the exercise. He has full authority to start, stop, or place the exercise on temporary hold. His deputy, and the controllers, are each assigned to a particular area or with a particular group. The exercise director will be responsible for arbitrating any jurisdictional or interagency disagreement which may occur. In extreme cases he may modify the scenario if the exercise is progressing poorly and not meeting objectives.

Once the exercise begins the participants dictate the actions that will be taken as messages are received. There should be minimal interference and direction from the exercise director and the controllers other than to distribute the emergency messages. The exercise is to allow for the decision making of the participants without interference. The controllers may, on occasion, need to clarify the content of an emergency message to ensure that the exercise continues toward the predetermined objectives, but this intercession is to be minimal.

If the exercise begins to drag or is progressing too fast, the pace may be modified by the delay or speed up of the issuance of the messages. Messages may be deleted, delayed or given early. Any change to the already-established schedule, however, must be approved by the exercise director. He would also need to coordinate any such modification with the controllers in all areas where a potential impact might exist.

F. EVALUATOR RESPONSIBILITIES

The evaluator's role is to utilize the critique worksheets to assess whether the exercise objectives were met. This primary role of the evaluators is supplemented by a secondary role of observing and

commenting on any aspect of the emergency response which appears to be deficient. Such as deficiency could be the result of poor procedures, poor training, poor attitude by the players, or an improperly developed exercise. The evaluator should maintain an overview of the response in addition to the defined objectives, but should not fault the exercise or the players if the exercise scenario was not developed properly to test a particular aspect of emergency response. Such an aspect may have been outside of the intended scope of the exercise and not included for a reason.

The evaluator's notes should be complete enough to allow for meaningful discussions during the critique sessions. Whenever a phone conversation takes place between a set of players, the evaluator may need to determine what was discussed. Therefore, after such a conversation an evaluator may question the player on the content of his conversation. The evaluators should refrain, as much as possible, from interfacing with the players and should remain out of the way.

The evaluators will be grouped into teams, and the team leaders, who will report to the respective NRC or FEMA chief evaluators, will be identified.

G. CRITIQUE

A general discussion of the exercise performance in each of the areas will take place with the players immediately after the exercise. Separate critique working sessions will then be conducted by the NRC and FEMA evaluation teams in different areas, at which time written critique inputs will be drafted. An open session to which the players will be invited, will then be held. This session will be to finalize the critique comments, and to provide for input by the players prior to preparation of the final critique document. Any disagreements as to fact will be resolved by the chief NRC and FEMA evaluators. Open discussion is encouraged, and changes to the draft critique document should be expected. A final oral critique, open to members of the public and the media, will also be conducted.

H. CORRECTIVE ACTIONS/RESPONSIBILITIES

A list of corrective actions and the responsible organizations will be identified. Each organization will be responsible for responding to those actions identified for it. Necessary changes to the Emergency Plan and Implementing Procedures will be made. Documentation of the exercise will be maintained by the Emergency Planning Organization. This will include the necessary corrective actions and the Supply System corrective actions taken.

1985 EMERGENCY EXERCISE
Special Instructions For Participating Agency
Controller/Evaluators

I. CONTROL

- A. Controller Inputs: Control will be accomplished by controller inputs, or simulations, which come from the scenario and data sheets, and are injected by controller at the scene, e.g., a control room controller may tell a reactor operator that a specific area radiation monitor is alarming, or by telephone calls, e.g., a control cell controller role-playing as a deputy sheriff may call the county emergency dispatch center reporting a simulated traffic jam inhibiting area evacuation.
- B. Player Response: Players at all of the different emergency centers are to interact with one another as if the simulated situations actually exist. However, communications that they would initiate to individuals and agencies not actually playing in the drill, e.g., BPA, Hanford Patrol, National Weather Service, etc., are to be made with controllers in the control cell who will then role play the parts.
- C. Coordination: Lead Controllers at each of the emergency centers will be linked by telephones set aside for that purpose. Also, a special two-way radio network will be available to link field team controllers with the MUDAC Controllers. These channels will be used for control coordination, such as to resolve problems or make needed scenario changes. A control communications listing is attached.

II. EVALUATION

- A. Observed Responses: Evaluators and controllers who also will prepare evaluations, need to watch for the anticipated responses in their assigned areas. Also, they need to be alert for responses to situations that may not have been anticipated, that is, "free played".

- B. Methodology: Actual actions taken should be compared with anticipated responses and the applicable procedures for the evaluation of each step.

III. RECORD KEEPING

- A. Logs: Evaluator log forms are at the "Critique Worksheets" tab. Also, you may write observations on the message forms, anticipated response forms or data sheets.
- B. Times: Accurate times are important. Call Time at 735-9531 to set your watch to the official drill time.
- C. Participants: Player and Controller/Evaluator listings at Part I for your center should be purified for "credit" purposes. Coordinate with the center's manager on this. The corrected lists will be tuned in during the critique work session by lead controllers.

IV. CRITIQUE PREPARATION

- A. Schedule: Part I of this package contains the critique and work session schedule.
- B. Write-up: The write-up of each observation is to be completed on a separate Draft Critique Inputs Form, found at the "Critique Worksheets" tab.
- C. Evaluations: Evaluations are divided into six categories:
 - 1. Evaluation of a Specific Objective: A brief assessment of each assigned objective is required. A sample write up, and objective evaluation input and write up responsibilities are attached.

2. Exceptional Performance: Any duty performance which is truly exceptional, that is, far beyond the procedural requirements for a position, may be recognized in this manner.
3. Noteworthy Performance: Any duty performance which is noteworthy, e.g., the individual did measurably more than just what his duties required.
4. Major Deficiency: A serious deficiency which would have resulted in a failure to assure the public health and safety, e.g., radiological conditions offsite exceeded EPA guidelines and no protective actions were recommended.
5. Minor deficiency: A minor deviation from procedures and related requirements, which does not result in a failure to assure the public health and safety, e.g., a simulated fire is successfully extinguished, but the most effective method was not used.
6. Area Needing Clarification: An ambiguous procedural step or actual/potential course for confusion. Note the sample attached.

V. ATTACHMENTS

- A. Instructions to Telephone Team Controllers
- B. Instructions to County and State EOC Control Cell Controller

ATTACHMENT A - INSTRUCTIONS TO TELEPHONE TEAM CONTROLLERS

1. In an emergency, many of the same kinds of calls would be received over and over again. In some instances you are instructed to make repeated calls on the same general topics. Use your imagination and good judgement. In addition, you may repeat some of the specific calls by changing the name of the caller.
2. The specific calls listed are meant to cover a range of questions or problems that might come up within the time frame indicated in a real emergency. Again, use your good judgement. You do not have to read these calls verbatim.
3. A list of random names is provided for use during public concern/rumor control calls and Disaster Welfare Inquire calls. If you prefer you may makeup your own caller names. The proper zip codes and telephone prefixes are attached for various communities. Some calls might be designed to test the American Red Cross Disaster Welfare Inquire (DWI). In those cases, calls must be read verbatim. If you are asked for a phone number so a return call can be made by a member of one of the emergency phone teams, use your four-digit extension number on the control phone you are using.
4. The instructions indicate when the different media sources would begin calling, but a media list is not given for each time frame. A list of media is attached so you will have a handy reference to make calls with. Controllers will be identified to represent a particular number of media throughout the exercise.
5. At anytime that it seems appropriate, you may ask to be called back. Be prepared to respond if someone does get back to you. If someone else is answering your phone temporarily, make sure that person knows you might be getting a call back.
6. Since much of what transpires will be free play, keep a log of EVERY call you make and the responses that you get.

7. There will be one person serving as a lead controller for the group of telephone controllers. The lead controller will observe the exercise and will keep you informed of events as they progress. The timing and type of many of the calls are dependent on when announcements and news releases are issued and what actions, if any, are recommended.
8. More specific instructions for media and public concern/rumor telephone controllers are printed on the following two pages.
9. Prefix each call with "this is an exercise".
10. You will initiate calls from the scenario and data sheets to different Supply System, state and county players. Assume the role of the specific caller and agency.
11. You will also receive calls from Supply System, state and county players to outside, non-participating agencies, such as the National Weather Service, BPA, Richland Police, etc. Be alert and respond as designed by the scenario. If uncertain of the proper response, take the caller's number, research the matter and call back.
12. Log all calls.
13. Media Telephone Team Controllers
 - a. Media representatives will begin calling or perhaps even arriving at the Multipurpose Facility (home of Public Affairs and the JIC) soon after an Alert has been declared. In the 1985 emergency exercise, an Alert will be declared at 0815 and events escalate to a Site Area Emergency at 1015. A General Emergency is declared at 1145. The Joint Information Center Director may elect to call the media voluntarily after an Alert has been declared and the director must notify the media in the event of a Site Area Emergency or General Emergency.

The first media calls would come to the Public Affairs phone numbers until the media have been notified that a Media Telephone Response Team is in place. Therefore your first calls will go to:

Ext. 5807, 5850, 5659, 5789, 5117, 5116

- b. The lead phone controller will let you know when the Media Telephone Response Team number is announced to the media at the JIC and given to AP and UPI for distribution. When this happens, gradually cut down on calls to Public Affairs and start calling the Media Telephone Response Team number.
- c. If the team is in place and prepared to answer calls and JIC staff members have not released the number to the media, continue to dump all media calls into Public Affairs.
- d. During the exercise, news releases prepared by JIC staff members will assist you in determining what types of questions are appropriate. Specific topics for different time periods are attached. Also included is a list of media sources that might call the Supply System during an incident at Plant 2.
- e. The four major emergency classifications for the 1985 emergency exercise are: Unusual Event at 0545; Alert at 0815; Site Area Emergency at 1015; and General Emergency at 1145.

14. Rumor Control Team Controllers

- a. The Joint Information Center may be partially activated after an Alert has been declared but must be activated when a Site Area Emergency is declared. The Public Concern/Rumor Control Team may not be set up when the first call comes in, so preliminary calls would normally go through the Supply System switchboard operator. The calls would be forwarded to Public Affairs and Corporate Communications offices. As controllers, you should dial the Public Affairs numbers directly. They are: 6807, 6860, 6789, 6659 and 6319

- b. Keep in mind that the Emergency Broadcast System (EBS) message on KONA Radio and television will instruct citizens of any action required and will encourage them to stay tuned for additional information. The initial EBS message for the 1985 emergency exercise should be broadcast about 1030 since a Site Area Emergency is declared at 1015.
- c. The announcement that there is a number for the public to call at the Joint Information Center will not be announced until the team is in place. In some cases, family members of Supply System employees may call their relatives at work but not get through.
- d. Do not place calls to the Public Concern/Rumor Control number until the lead controller notifies you that the special public JIC number has been announced to the media via a news release or news conference.
- e. THIS IS A CRITICAL POINT..... If the team is in place and prepared to answer calls and JIC staff members fail to announce the number or do not reference it in a news release, we will continue to dump calls into the Public Affairs phone lines.
- f. Specific topics for different time periods are attached.
- g. The four major emergency classifications for the 1985 emergency exercise are: Unusual Event at 0545; Alert at 0815; Site Area Emergency at 1015; and General Emergency at 1145.

ATTACHMENT B - INSTRUCTIONS TO COUNTY AND STATE EOC CONTROL CELL CONTROLLER

1. Input calls from the data sheets to County EOC - 586-4181 (Kennewick City Hall)

o	American Red Cross Representative	X291
o	Fire Coordinator	X285
o	Health Department Representative	X281
o	Message Controller	X237
o	Police Department Representatives	X293
o	Public Information Officer	X278
o	Sherriffs Department Representatives	X303
o	State Patrol Representative	X265
o	Transportation coordinator	X244

2. Input calls to the Supply System emergency centers as designated in the scenario.
3. Respond to calls as the nonparticipating agencies the players would be contacting, such as National Weather Service, Richland Police Department, etc.

CRITIQUE WORKSHEETS

EXERCISE 1985

Worksheet Distribution

Evaluator/Controller
Team

Worksheet Pages

Control Room

Operations Support Center

Technical Support Center

Central Alarm Station

Supply System Decision Center

Security Decision Center

EOF Communications Center

Offsite Agency Coordination
Center

Technical Data Center

MUDAC

Health Physics Center

Media Briefing Preparation Area

Drill Control Center

Joint Information Center

Control Cell

County EOC

State EOC Cell

DOE-RL ECC Cell

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
CONTROLLER/CRITIQUE INFORMATION
CRITIQUE WORKSHEETS

DRILL NO.

EXERCISE 85

PAGE

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SIGNED LOCATION

All Emergency Centers

EVALUATOR NAME

ORGANIZATION

Generic questions for all emergency center evaluators and controllers. Any negative response should result in an unfavorable evaluation:

I. Staffing

- A. Was the centers staffed at the appropriate classification and did personnel respond quickly?
- B. Was the center sufficiently staffed to handle the job?
- C. Was it clear to the staff who was in charge?
- D. As personnel arrived, did they sign in?
- E. Were personnel used effectively by the person in charge?
- F. Did personnel assume their duties without confusion?

II. Procedures

- A. Did personnel take procedures out of the cabinets and refer to them?
- B. Did personnel appear to be familiar with the procedures?
- C. Were any needed supporting documents obtained and used?

III. Communications/Information Flow

- A. Were communication systems adequate (i.e., enough phones, necessary dedicated circuits, etc.)?
- B. Were the systems used properly, that is, calls not made on the Crash system which should have been over standard phone, for example?
- C. Were the information coordinators effectively used to transmit data to other centers?
- D. Were the information coordinators effective in getting the latest information to the proper persons in their center?
- E. Was the hard copy flow of information logical and effective?
- F. Were PA set announcements audible in all Plant and EOF locations?
- G. Did necessary feedback of both inter-center and intro-center information take place?

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
CONTROLLER/CRITIQUER INFORMATION
CRITIQUE WORKSHEETS

DRILL NO.

EXERCISE 85

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ASSIGNED LOCATION

All Emergency Centers

EVALUATOR NAME

ORGANIZATION

IV. Decision Making

- A. Were decisions made in a timely manner?
- B. Were decisions made by the correct individuals?
- C. Were outside agency representatives included in the decision-making process (if appropriate)?
- D. Were decisions carried out effectively?
- E. Were protective action recommendations correct, and made in a timely manner?

V. Data Display/Recorder Keeping

- A. Were status boards used and kept current?
- B. Was status board entries legible?
- C. Were the status boards adequate?
- D. Were major events documented?

VI. Command and Control

- A. Were the emergency center background noise levels and extraneous activities held to reasonable levels?
- B. Was adequate control maintained of dispatched teams (where appropriate).
- C. Did the drill scenario exercise all elements adequately?

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
CONTROLLER/CRITIQUER INFORMATION
CRITIQUE WORKSHEETS

DRILL NO.

EXERCISE 85

PAGE

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DESIGNATED LOCATION

Control Room

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

A. Notifications Initiated from the Control Room

	<u>Class- ification</u>	<u>PAR</u>	<u>Event Classified</u>	<u>Times</u> Notifications Completed		
				EOFCC		
				<u>Tele- phonically</u>	<u>Hard Copy</u>	<u>On Plant PA Set</u>
1.	_____	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____	_____

B. Notifications Initiated from the TSC or EOF

	<u>Class- ification</u>	<u>PAR</u>	<u>Times Notifications</u>			
			<u>Received</u>		<u>Announced to Staff</u>	<u>Posted on Chart</u>
			<u>Orally</u>	<u>Hard Copy</u>		
1.	_____	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____	_____

C. Scenario Message Inputs

<u>Message</u>	<u>Time</u>	<u>Message</u>	<u>Time</u>	<u>Message</u>	<u>Time</u>
#	_____	#	_____	#	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

D. Other Items Warranting Inclusion

	<u>ITEM</u>	<u>TIME</u>
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
CONTROLLER/CRITIQUER INFORMATION
CRITIQUE WORKSHEETS

DRILL NO.

EXERCISE 85

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ASSIGNED LOCATION

Control Room

EVALUATOR NAME

ORGANIZATION

II. Pertinent questions (any negative response should result in an Unfavorable Evaluation)

- A. Were events classified in a timely manner?
- B. Were events properly classified?
- C. Were the proper corrective measures taken to control the abnormal situations?
- D. Was the emergency situation properly transferred to the oncoming shift?
- E. Were additional staff members requested when required?
- F. Was control properly transferred to the TSC?
- G. Were adequate logs maintained of conditions and actions taken?
- H. Were telephone numbers for notifications correct?
- I. Was center personnel accountability information maintained and provided on request?
- J. Was GDS data verified by comparison with other plant status indicators?

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
CONTROLLER/CRITIQUER INFORMATION
CRITIQUE WORKSHEETS

DRILL NO.

EXERCISE 85

PAGE

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SIGNED LOCATION

Operations Support Center

EVALUATOR NAME

ORGANIZATION

I. Time -Line Items

A. Notifications Initiated from the Control Room

Time Notifications

Announced

	<u>Class- ification</u>	<u>PAR</u>	<u>Received Orally</u>	<u>To Staff</u>	<u>To Dispatched Personnel</u>	<u>Posted On Chart</u>
1.	_____	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____	_____
6.	_____	_____	_____	_____	_____	_____
7.	_____	_____	_____	_____	_____	_____
8.	_____	_____	_____	_____	_____	_____
9.	_____	_____	_____	_____	_____	_____
10.	_____	_____	_____	_____	_____	_____

B. Center Activation:

Event

Time

1. Center activation order given, if preceded activation classification.
2. First respondent arrived.
3. Physical setup completed.
4. Center appeared to be operative.
5. Center declared activated.
6. Center activation notification disseminated.
7. Last on-shift staff member arrived.
8. First reenry team dispatched.

C. Scenario Message Inputs

<u>Message #</u>	<u>Time</u>	<u>Message #</u>	<u>Time</u>	<u>Message #</u>	<u>Time</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

D. Other Items Warranting Inclusion

	<u>ITEM</u>	<u>TIME</u>
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
CONTROLLER/CRITIQUER INFORMATION
CRITIQUE WORKSHEETS

DRILL NO.

EXERCISE 85

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ASSIGNED LOCATION

Operations Support Center

EVALUATOR NAME

ORGANIZATION

II. Pertinent questions (any negative response should result in an Unfavorable Evaluation)

- A. Were reentry teams properly briefed?
- B. Were reentry teams properly controlled?
- C. Were evacuees properly accounted for, handled and transported?
- D. Were radiological controls enforced at all times?
- E. Was the CAS staff kept informed of the radiological and other conditions?
- F. Was accountability information available from Plant emergency centers when requested?
- G. Was the Chem Lab staffed at an appropriate time?
- H. Were re-entry team personnel current on SCBA qualification?
- I. Did the center physical set up appear logical and minimize any problems with congestion?
- J. Were warning signs/barricades emplaced to restrict GSB access through the Maintenance Shop South roll-up door, and the 441' Level I&C Shop North door?
- K. Were re-entry decisions properly made?
- L. Did the Chem Lab staff correctly analyze airborne and liquid samples?
- M. Did the Chem Lab staff properly transfer samples to the Health Physics Center?
- N. Did the Chem Lab staff correctly catalog and store samples?

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
CONTROLLER/CRITIQUEUR INFORMATION
CRITIQUE WORKSHEETS

DRILL NO.

EXERCISE 85

PAGE

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SIGNED LOCATION

Technical Support Center

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

A. Notifications Initiated from the TSC:
Times

	<u>Class- ification</u>	<u>PAR</u>	<u>Event Classified</u>	<u>Notification Completed to EOFCC</u>		<u>On Plant PA Set</u>
				<u>Tele- phonically</u>	<u>Hard Copy</u>	
1.						
2.						
3.						
4.						
5.						

B. Notifications Initiated from the EOF:
Times Notifications

	<u>Class- ification</u>	<u>PAR</u>	<u>Received</u>		<u>Posted on Chart</u>	<u>On Plant PA Set</u>
			<u>Orally</u>	<u>Hard Copy</u>		
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						

C. PARs Selected

1. Plume Exposure Pathway (E = Evacuate, S = Shelter)

	<u>PAR</u>	<u>Plant Protected Area</u>	<u>Exclusion Area Boundary</u>	<u>Columbia River</u>	<u>KI Excl Area</u>	<u>KI All EW</u>	<u>Schools</u>	<u>Quad</u>	<u>to Distance</u>
1.									
2.									
3.									
4.									
5.									
6.									

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
CONTROLLER/CRITIQUER INFORMATION
CRITIQUE WORKSHEETS

DRILL NO.

EXERCISE 85

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ASSIGNED LOCATION

Technical Support Center

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

C. PARs Selected (Continued)

2. Ingestion Zone

	<u>PAR</u>	<u>Recommendation</u>
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____

D. Center Activation:

	<u>Event</u>	<u>Time</u>
1.	Center activation order given, if preceded activation classification.	_____
2.	First respondent arrived.	_____
3.	Physical setup completed.	_____
4.	Center appeared to be operative.	_____
5.	Center declared activated.	_____
6.	Center activation notification disseminated.	_____
7.	Last on-shift staff member arrived.	_____

E. Other Items Warranting Inclusion

	<u>ITEM</u>	<u>TIME</u>
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____

II. Pertinent questions (any negative response should result in an Unfavorable Evaluation)

- A. Was control properly transferred from the Control Room?
- B. Was control properly transferred to the EOF?
- C. Did the staff properly analyze plant system operations problems and determine alternate actions?

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SIGNED LOCATION

Technical Support Center

EVALUATOR NAME

ORGANIZATION

- D. Was center personnel accountability information maintained and provided on request?
- E. Were necessary habitability surveys taken?
- F. Was GDS data verified by comparison with other plant status indicators?
- G. Did support personnel, such as communications technicians, respond in a timely manner when requested?
- H. Were the center physical arrangements proper?

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ASSIGNED LOCATION

Central Alarm Station

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

A. Notifications

		Times Notifications			
	<u>Classification</u>	<u>PAR</u>	<u>Received Orally</u>	<u>Announced to Staff</u>	<u>Posted on Chart</u>
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

B. Scenario Message Input

<u>Message #</u>	<u>Time</u>	<u>Message #</u>	<u>Time</u>	<u>Message #</u>	<u>Time</u>

C. Other Items Warranting Input

	<u>Item</u>	<u>Time</u>
1.		
2.		
3.		
4.		
5.		
6.		

II. Pertinent questions (any negative response should result in an Unfavorable Evaluation)

A. Was the staff kept informed of radiological and other conditions?

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SIGNED LOCATION

Central Alarm Station

EVALUATOR NAME

ORGANIZATION

- B. Were response teams properly dispatched?
- C. Were the status boards placed for ready visibility?

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ASSIGNED LOCATION

Supply System Decision Center

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

A. Notifications

	<u>Class- ification</u>	<u>PAR</u>	<u>Times Notifications</u>			<u>Posted on Chart</u>
			<u>Received</u>	<u>Hard Copy</u>	<u>Announced To Staff</u>	
1.			<u>Orally</u>			
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						

B. Recovery Manager PAR Calls

	<u>Class- ification</u>	<u>PAR</u>	<u>PAR Received</u>	<u>Hard Copy Furnished to EOFCC</u>	<u>Times</u>		<u>Remarks</u>
					<u>Crash Calls From</u>	<u>Made To</u>	
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
13.							
14.							

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SIGNED LOCATION

Supply System Decision Center

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

C. PAR Selected

1. Plume Exposure Pathway (E-Evaluate, S-Shelter)

	PAR	Plant Protected Area	Exclusion Area Boundary	Columbia River	KI Excl Area	KI All EW	Schools	Quad	Distance
1.	_____	_____	_____	_____	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____	_____	_____	_____	_____
6.	_____	_____	_____	_____	_____	_____	_____	_____	_____

2. Ingestion Zone

	PAR	Recommendation
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____

D. Center Activation:

	Event	Time
1.	Center activation order given, if preceeded activation classification.	_____
2.	First respondent arrived.	_____
3.	Physical setup completed.	_____
4.	Center appeared to be operative.	_____
5.	Center declared activated.	_____
6.	Center activation notification disseminated.	_____
7.	Last on-shift staff member arrived.	_____

E. EOF Activation:

	Event	Time
1.	EOF declared activated.	_____
2.	RM assumed control from PED.	_____
3.	Notification disseminated.	_____

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ASSIGNED LOCATION
Supply System Decision Center

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

F. Other Items Warranting Input

	Item	Time
1.		
2.		
3.		
4.		
5.		
6.		

II. Pertinent questions (any negative response should result in an Unfavorable Evaluation)

- A. Was control properly assumed from the TSC, and announced?
- B. Were PARs properly made to offsite authorities?
- C. Were evacuees properly handled?
- D. Was Control maintained at the periodic briefings:
 - 1. Of attendance by extraneous personnel?
 - 2. On the discussion topics?
 - 3. On including inputs from agency representatives on agency responses?
- E. Was a log maintained of all Recovery Manager Crash system calls and other major points?
- F. Were protective action decision implementations adequately coordinated with all required agencies?

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DESIGNATED LOCATION

Security Decision Center

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

A. Notifications

	<u>Class- ification</u>	<u>PAR</u>	<u>Times Notifications</u>		<u>Announced To Staff</u>	<u>Posted on Chart</u>
			<u>Received</u>	<u>Hard Copy</u>		
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						

B. Protective Actions

	<u>Action</u>	<u>Times</u>		
		<u>Ordered</u>	<u>Completed/ Established</u>	<u>Reported</u>
1.	Columbia River evacuation (Simulated)			
2.	Road barricades established			
	a. Supply System/Hanford (actual)			
	b. Supply System/Hanford (simulated)			
	c. County (simulated)			
3.	County area evacuation verification (simulated)			

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ASSIGNED LOCATION
Security Decision Center

EVALUATOR NAME ORGANIZATION

I. Time-Line Items

C. Center Activation:

- | | <u>Event</u> | <u>Time</u> |
|----|--|-------------|
| 1. | Center activation order given, if preceeded activation classification. | _____ |
| 2. | First respondent arrived. | _____ |
| 3. | Physical setup completed. | _____ |
| 4. | Center appeared to be operative. | _____ |
| 5. | Center declared activated. | _____ |
| 6. | Center activation notification disseminated. | _____ |
| 7. | Last on-shift staff member arrived. | _____ |

D. Other Items Warranting Input

- | | <u>Item</u> | <u>Time</u> |
|----|-------------|-------------|
| 1. | _____ | _____ |
| 2. | _____ | _____ |
| 3. | _____ | _____ |
| 4. | _____ | _____ |
| 5. | _____ | _____ |
| 6. | _____ | _____ |

II. Pertinent questions (any negative response should result in an Unfavorable Evaluation)

- A. Was the river evacuation properly requested and tracked?
- B. Did the center staff keep track of offsite evacuation activities?
- C. Were representatives present from offsite law enforcement agencies, such as the State Patrol, county sheriffs, Hanford Patyrol and Coast Guards?
- D. Were law enforcement agency response activities coordianted at the center?

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SIGNED LOCATION

EOF Communications Center

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

A. Immediate Notifications

	Classifi- cation	PAR	Received		Times			Immediate Notifications Completed		
			Telephon- ically	Hard Copy	Telephonically	County	DOE	State	County	Hard Copy DOE State
1.										
2.										
3.										
4.										
5.										
6.										
7.										
8.										
9.										
10.										

B. Other Notifications

	Class- ification	PAR	Times		Other Notifications Completed			
			Simulated Siren Activation	EOF PA Set Announce- ment	Pager Group Broadcast	Respon- ders Identi- fied	Outside Support Agencies	Secon- dary Support Agencies
1.								
2.								
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								

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ASSIGNED LOCATION EOF Communications Center	
EVALUATOR NAME	ORGANIZATION

I. Time-Line Items

C. Activations

	<u>Event</u>	<u>Time</u>
1.	Second officer arrived.	_____
2.	Coordinator arrived.	_____

D. Other Items Warranting Input

	<u>Item</u>	<u>Time</u>
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____

II. Pertinent questions (any negative response should result in an Unfavorable Evaluation)

- A. Were telephone notifications completed to the 3 primary offsite agencies within 15 minutes from time of classification?
- B. Did the pager carriers
 - 1. Call in with their response status?
 - 2. Refrain from asking questions?
- C. Were all required agencies and individuals notified?
- D. Were call lists interrupted and started over upon receipt of updates?
- E. Did the Fax work?
- F. Did any needed support personnel, such as communications technicians, respond promptly when requested?
- G. Were notification list telephone numbers correct?

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SIGNED LOCATION

Offsite Agency Coordination Center

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

A. Notifications

	<u>Class- ification</u>	<u>PAR</u>	<u>Times Notifications</u>		<u>Announced To Staff</u>	<u>Posted on Chart</u>
			<u>Received</u>	<u>Hard Copy</u>		
1.	_____	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____	_____
6.	_____	_____	_____	_____	_____	_____
7.	_____	_____	_____	_____	_____	_____
8.	_____	_____	_____	_____	_____	_____
9.	_____	_____	_____	_____	_____	_____
10.	_____	_____	_____	_____	_____	_____

B. Center Activation:

<u>Event</u>	<u>Time</u>
1. Center activation order given, if preceded activation classification.	_____
2. First respondent arrived.	_____
3. Physical setup completed.	_____
4. Center appeared to be operative.	_____
5. Center declared activated.	_____
6. Center activation notification disseminated.	_____
7. Last on-shift staff member arrived.	_____

C. Other Items Warranting Input

<u>Item</u>	<u>Time</u>
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____
6. _____	_____

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ASSIGNED LOCATION

Offsite Agency Coordination Center

EVALUATOR NAME

ORGANIZATION

II. Pertinent questions (any negative response should result in an Unfavorable Evaluation)

- A. Did the staff obtain from the offsite agencies:
 - 1. Information on agency responses?
 - 2. Timely alert of any deviations in the implementation of PARs?
- B. Did the EOF information coordination function work correctly?
- C. Were complete sets of hard copy information provided to offsite agency representatives?
- D. Was the status of such offsite response activities as river evacuation coordinated properly?

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DESIGNED LOCATION

Technical Data Center

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

A. Notifications

	<u>Class- ification</u>	<u>PAR</u>	<u>Times Notifications</u>		<u>Announced To Staff</u>	<u>Posted on Chart</u>
			<u>Received</u>	<u>Hard Copy</u>		
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						

B. Center Activation:

	<u>Event</u>	<u>Time</u>
1.	Center activation order given, if preceded activation classification.	
2.	First respondent arrived.	
3.	Physical setup completed.	
4.	Center appeared to be operative.	
5.	Center declared activated.	
6.	Center activation notification disseminated.	
7.	Last on-shift staff member arrived.	

C. Other Items Warranting Input

	<u>Item</u>	<u>Time</u>
1.		
2.		
3.		
4.		
5.		
6.		

II. Pertinent questions (any negative response should result in an Unfavorable Evaluation)

- A. Were plant conditions warranting a PAR promptly communicated to the MUDAC PAD Group?
- B. Was the technical link to the EOC representatives effective?
- C. Did the staff communicate and coordinate effectively with the TSC staff?

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ASSIGNED LOCATION <div style="text-align: center;">MUDAC</div>	
EVALUATOR NAME	ORGANIZATION

I. Time-Line Items

A. Notifications

			Times Notifications					
	Class- ific- ation	PAR	Orally	Received		Posted on Chart	Broadcast to Field Teams	Verified as Received/ Implemented
				Hard Copy	Announced To Staff			
1.	_____	_____	_____	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____	_____	_____	_____
6.	_____	_____	_____	_____	_____	_____	_____	_____
7.	_____	_____	_____	_____	_____	_____	_____	_____
8.	_____	_____	_____	_____	_____	_____	_____	_____
9.	_____	_____	_____	_____	_____	_____	_____	_____
10.	_____	_____	_____	_____	_____	_____	_____	_____

B. Protective Action Recommendations (PARs)

1. Made:

	PAR	Times	
		Selected	Referred to PED/RM
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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DESIGNED LOCATION

MUDAC

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

2. Selected:

a. Plume Exposure Pathway (E-Evaluate, S-Shelter)

	PAR	Plant Protected Area	Exclusion Area Boundary	Columbia River	KI Excl Area	KI All EW	Schools	Quad	Distance
1.	_____	_____	_____	_____	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____	_____	_____	_____	_____
6.	_____	_____	_____	_____	_____	_____	_____	_____	_____

b. Ingestion Zone

	PAR	Recommendation
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____

C. Center Activation:

	Event	Time
1.	Center activation order given, if preceded activation classification.	_____
2.	First respondent arrived.	_____
3.	Physical setup completed.	_____
4.	Center appeared to be operative.	_____
5.	Center declared activated.	_____
6.	Center activation notification disseminated.	_____
7.	Last on-shift staff member arrived.	_____

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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ASSIGNED LOCATION
MUDAC

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

D. Field/Aerial Team Response:

<u>Event</u>	<u>Time</u>
1. Initial three Supply System field teams arrived.	_____
2. Remaining Supply System teams arrived.	_____
3. State teams arrived.	_____
4. DOE team arrived.	_____
5. Air crew arrived.	_____
6. First team to be dispatched departed from EOF.	_____
7. Last team to be dispatched departed from EOF.	_____
8. Aerial team was airborne from airport.	_____
9. First aerial team reading above background.	_____
10. First field team reading above background.	_____
11. First environmental sample arrived at field lab for analysis.	_____
12. Last team to:	_____
a. Take KI (simulated)	_____
b. Take any other PAR (Specify) _____	_____

E. Other Items:

<u>Event</u>	<u>Time</u>
1. First sample analysis results received from field lab.	_____
2. First sample analysis results received from HP Center.	_____

F. Other Items Warranting Input

<u>Item</u>	<u>Time</u>
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____
6. _____	_____

II. Pertinent questions (any negative response should result in an Unfavorable Evaluation)

A. Was projected dose assessment information compared with actual readings, trends noted, this documented, and were appropriate actions taken?

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DESIGNED LOCATION

MUDAC

EVALUATOR NAME

ORGANIZATION

- B. Were the field/aerial teams given timely and complete updates?
- C. Were PAR's correctly made?
- D. Were PAR's timely?
- E. Did the EDPS work properly?
- F. Were all notification forms filled out correctly?
- G. Was the collection of air samples directed/performed on plume center lines?
- H. Were field/aerial monitoring team kits complete, including where appropriate check source and comment?
- I. Was field/aerial monitoring team equipment utilized properly?
- J. Did the MUDAC staff effectively manage the field/aerial monitoring teams?
- K. Did the field/aerial monitoring teams correctly measure ambient radiation levels?
- L. Did the field monitoring teams take required air samples?

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CRITIQUE WORKSHEETS

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EXERCISE 85

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ASSIGNED LOCATION

HP Center

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

A. Notifications

	Classifi- cation	PAR	Times Notifications		
			Received	Announced	
			Orally	To Staff	To Dispatched Personnel
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

B. Center Activation:

	Event	Time
1.	Center activation order given, if preceded activation classification.	
2.	First respondent arrived.	
3.	Physical setup completed.	
4.	Center appeared to be operative.	
5.	Center declared activated.	
6.	Center activation notification disseminated.	
7.	Last on-shift staff member arrived.	

C. Other Items:

	Event	Time
1.	First environmental sample arrived from the field.	
2.	First environmental sample results furnished to MUDAC.	

D. Other Items Warranting Input

	Item	Time
1.		
2.		
3.		
4.		
5.		
6.		

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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ASSIGNED LOCATION

HP Center

EVALUATOR NAME

ORGANIZATION

II. Pertinent questions (any negative response should result in an Unfavorable Evaluation)

- A. Were the center members in the ambulance garage kept informed?
- B. Were environmental samples logged correctly?
- C. Were environmental samples processed and analyzed correctly?

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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ASSIGNED LOCATION

Media Briefing Preparation Area

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items Warranting Input

	<u>Item</u>	<u>Time</u>
1.		
2.		
3.		
4.		
5.		
6.		

II. Pertinent questions (any negative response should result in an Unfavorable Evaluation)

- A. Was the information provided to the JIC correct?
- B. Was the information provided to the JIC timely?
- C. Was Recovery Manager approval obtained for the technical contents of all news releases information?

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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Drill Control Center

ORGANIZATION

I. Time-Line Items Warranting Input

Time

- [illegible]

II. Remarks

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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ASSIGNED LOCATION

Joint Information Center

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

A. Notifications

	<u>Classifi- cation</u>	<u>PAR</u>	<u>Times Notifications</u>				<u>Posted on Charts</u>
			<u>Received</u>	<u>Announced</u>	<u>To Telephone Response Teams</u>	<u>To Staff</u>	
1.			<u>Orally</u>	<u>Hard Copy</u>			
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							

B. Center Activation:

<u>Event</u>	<u>Time</u>
1. Center activation order given, if preceeded activation classification.	
2. First respondent arrived.	
3. Physical setup completed.	
4. Center appeared to be operative.	
5. Center declared activated.	
6. Center activation notification disseminated.	
7. Last on-shift staff member arrived.	
8. Telephone response team telephone numbers disseminated.	

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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ASSIGNED LOCATION <div style="text-align: center;">Joint Information Center</div>	
EVALUATOR NAME	ORGANIZATION

I. Time-Line Items

C. News Release Production

<u>News Release Agency</u>	<u>Release Number</u>	<u>Classi- fica- tion</u>	<u>Columbia River</u>	PAR (E-Evaluate, S-Shelter)		<u>To Distance</u>	Times	
				<u>Schools</u>	<u>Quad</u>		<u>Effec- tive</u>	<u>Dissem- inated</u>
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____

D. News Conference Briefing

<u>Classifi- cation</u>	<u>Columbia River</u>	<u>Schools</u>	PAR (E-Evaluate, S-Shelter)		Times	
			<u>Quad</u>	<u>Distance</u>	<u>From</u>	<u>To</u>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
CONTROLLER/CRITIQUER INFORMATION
CRITIQUE WORKSHEETS

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ASSIGNED LOCATION <div style="text-align: center;">Joint Information Center</div>	
EVALUATOR NAME	ORGANIZATION

I. Time-Line Items

E. Media Telephone Response Team Activities

1. EBS Broadcast Monitoring

	Classifi- cation	Columbia River	Schools	PAR (E-Evaluate, S-Shelter) Quad	Distance	Times From	To
1.							
2.							
3.							
4.							
5.							
6.							

2. Team Query Response Baseline

	Classifi- cation	Columbia River	Schools	PAR (E-Evaluate, S-Shelter) Quad	Distance	Times From	To
1.							
2.							
3.							
4.							
5.							
6.							

3. Telephone Response Team Shut-Down

Time
<div style="display: flex; justify-content: space-between; width: 100%;"> From _____ To _____ </div> <div style="display: flex; justify-content: space-between; width: 100%;"> _____ _____ </div> <div style="display: flex; justify-content: space-between; width: 100%;"> _____ _____ </div>

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ASSIGNED LOCATION

Joint Information Center

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

F. Rumor Control Team Activities

1. EBS Broadcast Monitoring

	Classifi- cation	Columbia River	Schools	PAR (E-Evaluate, S-Shelter) Quad	Distance	Times From	To
1.							
2.							
3.							
4.							
5.							
6.							

2. Team Query Response Baseline

	Classifi- cation	Columbia River	Schools	PAR (E-Evaluate, S-Shelter) Quad	Distance	Times From	To
1.							
2.							
3.							
4.							
5.							
6.							

3. Telephone Response Team Shut-Down

Time	
From	To

F. Other Items Warranting Input

	Item	Time
1.		
2.		
3.		
4.		
5.		
6.		

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ASSIGNED LOCATION

Joint Information Center

EVALUATOR NAME

ORGANIZATION

II. Pertinent questions (any negative response should result in an Unfavorable Evaluation)

- A. Were local radio and TV media monitored for accounts of the emergency?
- B. Were the EBS broadcasts monitored?
- C. Did the telephone response teams remain operative during news conferences?
- D. Did the news releases reflect the current emergency classifications and PARs?
- E. Were rumors detected and identified to the news production persons?
- F. Did the news releases and news conferences address identified misinformation matters?
- G. Were the graphics used at the news conferences readily visible and usable by the media present?
- H. Were the news conferences conducted in such a manner that questions could either be picked up by the audio/visual historical recordings, or were repeated by the MC?
- I. Was monitoring of the AP wire performed?
- J. Were telephone response team telephone numbers announced/published at news conferences and in news releases?
- K. Were telephones provided for the media programmed so that direct dial long distance calls could not be made from them?
- L. Were news releases timely?
- M. Were news releases coordinated with the various agencies?

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EXERCISE 85

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ASSIGNED LOCATION
County EOC

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

A. Notifications/Protective Action Recommendations (PARs)
Times PARs

	<u>Class- ifica- tion</u>	<u>PAR</u>	<u>Received Tele- phon- ically</u>	<u>Hard Copy</u>	<u>Dissem- ination Completed</u>	<u>Sirens Activated</u>	<u>EBS English Broadcast From</u>	<u>To</u>	<u>Implementa- tion Actions Completed</u>
1.									
2.									
3.									
4.									
5.									
6.									
7.									
8.									
9.									
10.									

B. PARs Selected

1. Plume Exposure Pathway (E-Evacuate, S-Shelter)

	<u>PAR</u>	<u>Plant Protected Area</u>	<u>Columbia River</u>	<u>KI Excl Area</u>	<u>KI All EW</u>	<u>Schools</u>	<u>Quad</u>	<u>To Distance</u>
1.								
2.								
3.								
4.								
5.								
6.								

2. Injection Zone

	<u>PAR</u>	<u>Recommendation</u>
1.		
2.		
3.		
4.		

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EVALUATOR NAME	ORGANIZATION

I. Time-Line Items

C. Center Activation:

<u>Event</u>	<u>Time</u>
1. Center activation order given, if preceeded activation classification.	_____
2. First respondent arrived.	_____
3. Physical setup completed.	_____
4. Center appeared to be operative.	_____
5. Center declared activated.	_____
6. Center activation notification disseminated.	_____
7. Last on-shift staff member arrived.	_____

D. County Simulated Activations

1. Emergency Worker Centers

	<u>Activation Order Given</u>	<u>Activation Simulated</u>
a. _____	_____	_____
b. _____	_____	_____
c. _____	_____	_____

2. Assistance Centers

a. _____	_____	_____
b. _____	_____	_____
c. _____	_____	_____
d. _____	_____	_____
e. _____	_____	_____
f. _____	_____	_____

3. Road Barricades

a. _____	_____	_____
b. _____	_____	_____
c. _____	_____	_____
d. _____	_____	_____
e. _____	_____	_____
f. _____	_____	_____

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ASSIGNED LOCATION

County EOC

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

g.	_____	_____	_____
h.	_____	_____	_____
i.	_____	_____	_____
j.	_____	_____	_____
k.	_____	_____	_____
l.	_____	_____	_____
m.	_____	_____	_____
n.	_____	_____	_____
o.	_____	_____	_____

E. Other Items

	<u>Item</u>	<u>Time</u>
1.	County declaration of emergency.	_____
2.	Simulated area evacuation verification completed.	_____
3.	Simulated river evacuation completed.	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____

F. Other Items Warranting Input

	<u>Item</u>	<u>Time</u>
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____

II. Pertinent questions (any negative response should result in an Unfavorable Observation)

- A. Were the PARs from the facility implemented without modification?
- B. Were PAR's made in a timely manner?
- C. Were EBS broadcasts made for Site Area and General Emergency classification?
- D. Were periodic EBS update broadcasts made?
- E. Were the river sirens activated when required?

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ASSIGNED LOCATION

County EOC

EVALUATOR NAME

ORGANIZATION

- F. Were periodic announcements of status, etc., made in the EOC?
- G. Were the EOC messages properly routed?
- H. Was the District Health Officer included in the PAD process?
- I. Did the law enforcement staff keep track of the evacuation situation?
- J. Was the river evacuation status followed and coordinated with the facility?
- K. Did the staff respond properly to the special scenario inputs?
- L. Did the Fire Protection staff know what the law enforcement agencies were doing, and vice verse?
- M. Was the emergency worker and assistance center status made known to the staff as a whole?
- N. Were users able to operate the Fax machine properly?

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ASSIGNED LOCATION

Control Cell

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items Warranting Input

	<u>Item</u>	<u>Time</u>
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

II. Remarks

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
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ASSIGNED LOCATION

State EOC Cell

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

A. Notification/Protective Action Recommendation (PAR) Times

	<u>Classifi- cation</u>	<u>PAR</u>	<u>Times Received</u>	
			<u>Tele- phonically</u>	<u>Hard Copy</u>
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____
6.	_____	_____	_____	_____
7.	_____	_____	_____	_____
8.	_____	_____	_____	_____
9.	_____	_____	_____	_____
10.	_____	_____	_____	_____

B. Other Items Warranting Input

	<u>Item</u>	<u>Time</u>
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____

II. Remarks

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ASSIGNED LOCATION

DOE-RL ECC Cell

EVALUATOR NAME

ORGANIZATION

I. Time-Line Items

A. Notification/Protective Action Recommendation (PAR) Times

	<u>Classifi- cation</u>	<u>PAR</u>	<u>Times Received</u> <u>Tele- phonically</u>	<u>Hard Copy</u>
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____
6.	_____	_____	_____	_____
7.	_____	_____	_____	_____
8.	_____	_____	_____	_____
9.	_____	_____	_____	_____
10.	_____	_____	_____	_____

B. Other Items Warranting Input

	<u>Item</u>	<u>Time</u>
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____

II. Remarks

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ASSIGNED LOCATION

Objectives and Favorable Evaluations

CONTROLLER NAME

ORGANIZATION

Objective Evaluation

<u>Objective</u>	Evaluation (Check one for each objective)			
	Not Met Major Deficiencies (Attached)	Major Deficiencies (Attached)	Minor Deficiencies (Attached)	Met, However Items for Clarification (Attached)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Favorable Evaluations

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SIGNED LOCATION

Unfavorable Evaluation (Sample-OSC)

EVALUATOR NAME

ORGANIZATION

Evaluation Category (Check one):

☒ a. Major Deficiency ☐ b. Minor Deficiency ☐ c. Item for clarification

Relates to Objective Number 2a (fill in if applicable).

Issue (a brief synopsis of the problem):

Lack of OSC control of emergency teams.

Finding (a thorough description of the problem):

On two occasions emergency teams, instructed by the OSC Director/Lead HP prior to dispatch, then performed functions outside of these instructions without the knowledge of the OSC Director or staff. Also, one team was ordered by the Team Locator to return of the OSC without the knowledge of the OSC Director, and consequently unnecessarily received a radiological dose.

Recommendation (what should be done to correct the problem):

OSC personnel should be instructed on the importance of following directions that are given, also, of the need to coordinate any desired changes that may arise after a team is deployed, and to verify the safety of routes taken.

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ASSIGNED LOCATION

Unfavorable Evaluation (Sample-JIC)

CONTROLLER NAME

ORGANIZATION

Evaluation Category (Check one):

☐ a. Major Deficiency ☒ b. Minor Deficiency ☐ c. Item for clarification

Relates to Objective Number 5a (fill in if applicable).

Issue (a brief synopsis of the problem):

Interrupted telephone response team operations.

Finding (a thorough description of the problem):

The telephone response team members put all team telephones on hold in order to watch the TV monitor broadcast of the news conferences. While this, admittedly, brought all members on line with what was being disseminated at the conferences, it suspended the team capability of responding to queries!

Recommendation (what should be done to correct the problem):

Telephone team members should be instructed to continue to perform their primary roles during news conferences. Team supervisors, or designated select personnel should monitor the news conferences and electronic media coverage of the event and update team members by white board entries.

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ASSIGNED LOCATION

Unfavorable Evaluation (Sample-CAS)

CONTROLLER NAME

ORGANIZATION

Evaluation Category (Check one):

☐ a. Major Deficiency ☒ b. Minor Deficiency ☐ c. Item for clarification

Relates to Objective Number D1 (fill in if applicable).

Issue (a brief synopsis of the problem):

Limited CAS telephone service.

Finding (a thorough description of the problem):

The two telephones in the CAS, while adequate for routine operations, became severely overloaded during the drill.

Recommendation (what should be done to correct the problem):

Two additional telephones should be added to this center.

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ASSIGNED LOCATION

Unfavorable Evaluation (Sample-EOFCC)

CONTROLLER NAME

ORGANIZATION

Evaluation Category (Check one):

☐ a. Major Deficiency ☐ b. Minor Deficiency ☒ c. Item for clarification

Relates to Objective Number _____ (fill in if applicable).

Issue (a brief synopsis of the problem):

Improper pager call backs.

Finding (a thorough description of the problem):

Twice as many people called in to Security based on pager notifications as were supposed to be notified in this manner. Also, many requested update briefings, or asked other questions which the EOFCC officer had neither the time nor ability to answer.

Recommendation (what should be done to correct the problem).

Pager holders should be informed that information is not available through this channel. Also, personnel "unofficially" carrying pagers should be instructed not to call.

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ASSIGNED LOCATION

Unfavorable Evaluation (Sample-MURAC)

CONTROLLER NAME

ORGANIZATION

Evaluation Category (Check one):

☐ a. Major Deficiency ☐ b. Minor Deficiency ☒ c. Item for clarification

Relates to Objective Number _____ (fill in if applicable).

Issue (a brief synopsis of the problem):

Lack of EDPS release default values.

Finding (a thorough description of the problem):

It became apparent that EPIP 13.8.1 on use of the EDPS did not have provisions for use of default values in the estimation of release duration for computation of integrated dose needed for the realistic preparation of protective action recommendations.

Recommendation (what should be done to correct the problem):

This procedure should be carefully reviewed, and if appropriate, revised to include such a default value.

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ASSIGNED LOCATION

Unfavorable Evaluation

CONTROLLER NAME

ORGANIZATION

Evaluation Category (Check one):

☐ a. Major Deficiency ☐ b. Minor Deficiency ☐ c. Item for clarification

Relates to Objective Number _____ (fill in if applicable).

Issue (a brief synopsis of the problem):

Finding (a thorough description of the problem):

Recommendation (what should be done to correct the problem):

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ASSIGNED LOCATION

Unfavorable Evaluation

CONTROLLER NAME	CONTROLLER ADDRESS	CONTROLLER TYPE	CONTROLLER STATUS	CONTROLLER DATA
1	100	100	100	100
2	200	200	200	200
3	300	300	300	300
4	400	400	400	400
5	500	500	500	500
6	600	600	600	600
7	700	700	700	700
8	800	800	800	800
9	900	900	900	900
10	1000	1000	1000	1000
11	1100	1100	1100	1100
12	1200	1200	1200	1200
13	1300	1300	1300	1300
14	1400	1400	1400	1400
15	1500	1500	1500	1500
16	1600	1600	1600	1600
17	1700	1700	1700	1700
18	1800	1800	1800	1800
19	1900	1900	1900	1900
20	2000	2000	2000	2000
21	2100	2100	2100	2100
22	2200	2200	2200	2200
23	2300	2300	2300	2300
24	2400	2400	2400	2400
25	2500	2500	2500	2500
26	2600	2600	2600	2600
27	2700	2700	2700	2700
28	2800	2800	2800	2800
29	2900	2900	2900	2900
30	3000	3000	3000	3000
31	3100	3100	3100	3100
32	3200	3200	3200	3200
33	3300	3300	3300	3300
34	3400	3400	3400	3400
35	3500	3500	3500	3500
36	3600	3600	3600	3600
37	3700	3700	3700	3700
38	3800	3800	3800	3800
39	3900	3900	3900	3900
40	4000	4000	4000	4000
41	4100	4100	4100	4100
42	4200	4200	4200	4200
43	4300	4300	4300	4300
44	4400	4400	4400	4400
45	4500	4500	4500	4500
46	4600	4600	4600	4600
47	4700	4700	4700	4700
48	4800	4800	4800	4800
49	4900	4900	4900	4900
50	5000	5000	5000	5000
51	5100	5100	5100	5100
52	5200	5200	5200	5200
53	5300	5300	5300	5300
54	5400	5400	5400	5400
55	5500	5500	5500	5500
56	5600	5600	5600	5600
57	5700	5700	5700	5700
58	5800	5800	5800	5800
59	5900	5900	5900	5900
60	6000	6000	6000	6000
61	6100	6100	6100	6100
62	6200	6200	6200	6200
63	6300	6300	6300	6300
64	6400	6400	6400	6400
65	6500	6500	6500	6500
66	6600	6600	6600	6600
67	6700	6700	6700	6700
68	6800	6800	6800	6800
69	6900	6900	6900	6900
70	7000	7000	7000	7000
71	7100	7100	7100	7100
72	7200	7200	7200	7200
73	7300	7300	7300	7300
74	7400	7400	7400	7400

ORGANIZATION

Evaluation Category (Check one):

a. Major Deficiency b. Minor Deficiency c. Item for clarification

Relates to Objective Number (fill in if applicable).

Issue (a brief synopsis of the problem):

Finding (a thorough description of the problem):

Recommendation (what should be done to correct the problem):

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ASSIGNED LOCATION

Unfavorable Evaluation

EVALUATOR NAME

ORGANIZATION

Evaluation Category (Check one):

☐ a. Major Deficiency ☐ b. Minor Deficiency ☐ c. Item for clarification

Relates to Objective Number _____ (fill in if applicable).

Issue (a brief synopsis of the problem):

Finding (a thorough description of the problem):

Recommendation (what should be done to correct the problem):

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Unfavorable Evaluation

ORGANIZATION

Evaluation Category (Check one):

___ a. Major Deficiency ___ b. Minor Deficiency ___ c. Item for clarification

Relates to Objective Number _____ (fill in if applicable).

Issue (a brief synopsis of the problem):

Finding (a thorough description of the problem):

Recommendation (what should be done to correct the problem):

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Unfavorable Evaluation

ORGANIZATION

 a. Major Deficiency b. Minor Deficiency c. Item for clarification

Issue (a brief synopsis of the problem):

Recommendation (what should be done to correct the problem):

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Unfavorable Evaluation

ORGANIZATION

a. Major Deficiency b. Minor Deficiency c. Item for clarification

Issue (a brief synopsis of the problem):

Recommendation (what should be done to correct the problem):

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
CONTROLLER/CRITIQUER INFORMATION
CRITIQUE WORKSHEETS

EXERCISE 85

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Unfavorable Evaluation

ORGANIZATION

___ a. Major Deficiency ___ b. Minor Deficiency ___ c. Item for clarification

Issue (a brief synopsis of the problem):

Recommendation (what should be done to correct the problem):

COMMENT

EVALUATOR LOG

PAGE

[illegible]

DATE _____

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