1993 EMERGENCY EXERCISE

SCENARIO

APPROVED:

R. D. Hill — Date: 10/6/93

D. N. Morey — Date: 10/7/93

APPROVED: PUBLIC INFORMATION SCENARIO

J. W. Averett — Date: 10-4-93

O/1

IE35

December 8, 1993 Farley Nuclear Plant
Emergency Exercise Package

-- C O N F I D E N T I A L --

The contents of this document are to be
released only on a need-to-know basis
prior to December 9, 1993.

OBJECTIVES

2

1993 FARLEY NUCLEAR PLANT EMERGENCY EXERCISE OBJECTIVES
December 8, 1993

I. Participating Organizations

Full Participation: Southern Nuclear Operating Company (SNC), Alabama Power Company, State of Alabama, Houston County, State of Georgia and Early County.

II. Purpose

A. To meet the requirements of 10CFR50, Appendix E, and NUREG-0654/FEMA-REP-1, Rev. 1.

B. To conduct a small-scale exercise that will include the mobilization of SNC, Alabama Power Company, state and local personnel and resources adequate to verify the capability of participating organizations to respond to an accident scenario requiring response.

III. Southern Nuclear Operating Company and Alabama Power Company Objectives

A. On-site

1. Demonstrate that control room staff can assess the event, classify the event, take corrective measures to control the event and activate emergency response procedures.

2. Demonstrate that plant staff can activate and staff the Technical Support Center (TSC) and perform accident response activities including:

   a. Dose Assessment
   b. Off-site notification and protective action recommendations
   c. Reclassification of emergency status
   d. Personnel Accountability for all personnel on-site
   e. Radiation Monitoring Team (RMT) Dispatch and Control (if required)
   f. Site access control and admittance of essential personnel
   g. Dispatch and control of re-entry teams

3. Demonstrate the capability to turn over EOF functions to the EOF staff when the EOF is activated and staffed.

4. Demonstrate that plant staff can activate and staff the Emergency Operations Facility (EOF) and perform accident response activities including:

   a. Assuming the dose assessment function and the RMT direction and control function from the TSC staff.
   b. Coordinating logistics, engineering functions, licensing functions and manpower with the TSC and EOC.
   c. Preparing and coordinating news releases and activating the NMC.

5. Demonstrate the capability to augment EOF staff with non-essential plant personnel.

6. Demonstrate the adequacy of the plant's communication system including:

   a. Communication links to Corporate Emergency Operations Center (EOC)
   b. News Media Center (NMC)
   c. Interplant communications
   d. Communication links to state and local authorities

7. Demonstrate the capability to perform radiological monitoring.

B. Off-Site

1. Demonstrate that the corporate staff can be activated and staff the EOC in a timely fashion.

2. Demonstrate that Corporate Headquarters Emergency Operations Center (EOC) staff can provide support for:

   a. Activation of facilities
   b. Logistics
   c. Engineering and Licensing
   d. Support organization notification
   e. Briefing of company management
   f. News release preparation

3. Demonstrate that the Public Information Organization can respond to media and public inquiries, establish a rumor control center, and issue and coordinate news releases.

IV. State and Local Objectives

- See Attachment 1 (Any state or local objective that cannot be demonstrated due to conditions inconsistent with the scenario will be demonstrated in a separate drill.)

V. Joint Objectives (SNC, Alabama Power Company, State of Alabama, State of Georgia, Houston County and Early County)

A. Demonstrate that all parties can coordinate news releases and conduct a joint news conference.

B. Demonstrate that adequate technical information can be exchanged among involved agencies.

VI. Exercise Limits

The plume exposure exercise will begin prior to 8 A.M. CST and conclude by 2:30 P.M. CST.

4

ATTACHMENT 1

STATE AND LOCAL OBJECTIVES

Objective	State of AL.	Houston County	State of GA.	Early County
1. MOBILIZATION OF EMERGENCY PERSONNEL. Demonstrate the capability to alert and fully mobilize personnel for both emergency facilities and field operations. Demonstrate the capability to activate and staff emergency facilities for emergency operations.	X	X	X	X
2. FACILITIES-EQUIPMENT, DISPLAYS, AND WORK ENVIRONMENT. Demonstrate the adequacy of facilities, equipment, displays, and other materials to support emergency operations.	X	X	X	X
3. DIRECTION AND CONTROL. Demonstrate the capability to direct and control emergency operations.	X	X	X	X
4. COMMUNICATIONS. Demonstrate the capability to communicate with all appropriate emergency personnel at facilities and in the field.	X	X	X	X
5. EMERGENCY WORKER EXPOSURE CONTROL. Demonstrate the capability to continuously monitor and control radiation exposure to emergency workers.	X			
6. FIELD RADIOLOGICAL MONITORING - AMBIENT RADIATION. Demonstrate the appropriate use of equipment and determining field radiation measurements.	X	N/A		
7. PLUME DOSE PROJECTION. Demonstrate the capability to develop dose projections and protective action recommendations regarding evacuation and sheltering.	X	N/A	X	N/A
8. FIELD RADIOLOGICAL MONITORING - AIRBORNE RADIOIODINE AND PARTICULATE ACTIVITY MONITORING. Demonstrate the appropriate use of equipment and procedures for the measurement of airborne radioiodine concentrations as low as 10^{-7} (0.0000001) microcuries per cubic centimeter in the presence of noble gases and obtain samples of particulate activity in the airborne plume.	X	N/A		
9. PLUME PROTECTIVE ACTION DECISION MAKING. Demonstrate the capability to make timely and appropriate protective action decisions (PAD).	X	X	X	X

	State of AL.	Houston County	State of GA.	Early County
10. ALERT AND NOTIFICATION. Demonstrate the capability to promptly alert and notify the public within the 10-mile plume pathway emergency planning zone (EPZ) and disseminate instructional messages to the public on the basis of decisions by appropriate State or local officials.	X	X	X	X
11. PUBLIC INSTRUCTIONS AND EMERGENCY INFORMATION. Demonstrate the capability to coordinate the formulation and dissemination of accurate information and instructions to the public.	X	X	X	X
12. EMERGENCY INFORMATION - MEDIA. Demonstrate the capability to coordinate the development and dissemination of clear, accurate, and timely information to the news media.	X	X	X	X
13. EMERGENCY INFORMATION - RUMOR CONTROL. Demonstrate the capability to establish and operate rumor control in a coordinated and timely manner.	X	N/A	X	N/A
14. IMPLEMENTATION OF PROTECTIVE ACTIONS. USE OF KI FOR EMERGENCY WORKERS, INSTITUTIONALIZED INDIVIDUALS, AND THE GENERAL PUBLIC. Demonstrate the capability and resources to implement potassium iodide (KI) protective actions for emergency workers, institutionalized individuals, ar´, if the State plan specifies, the general public.				
15. IMPLEMENTATION OF PROTECTIVE ACTIONS - SPECIAL POPULATIONS. Demonstrate the capability and resources necessary to implement appropriate protective actions for special populations.	N/A		N/A	X
16. IMPLEMENTATION OF PROTECTIVE ACTIONS - SCHOOLS. Demonstrate the capability and resources necessary to implement protective actions for school children within the plume pathway emergency planning zone (EPZ).	N/A		N/A	N/A
17. TRAFFIC AND ACCESS CONTROL. Demonstrate the organizational capability and resources necessary to control evacuation traffic flow and to control access to evacuated and sheltered areas.	N/A	X	N/A	
18. RECEPTION CENTER - MONITORING, DECONTAMINATION, AND REGISTRATION. Demonstrate the adequacy of procedures, facilities, equipment, and personnel for the radiological monitoring, decontamination, and registration of evacuees.	N/A		N/A	

	State of AL.	Houston County	State of GA.	Early County
19. CONGREGATE CARE. Demonstrate the adequacy of facilities, equipment, supplies, personnel, and procedures for congregate care of evacuees.	N/A		N/A	
20. MEDICAL SERVICES - TRANSPORTATION. Demonstrate the adequacy of vehicles, equipment, procedures, and personnel for transporting contaminated, injured, or exposed individuals.	X*			
21. MEDICAL SERVICES - FACILITIES. Demonstrate the adequacy of the equipment, procedures, and supplies, and personnel of medical facilities responsible for treatment of contaminated, injured, or exposed individuals.	X*			
22. EMERGENCY WORKERS, EQUIPMENT, AND VEHICLES - MONITORING AND DECONTAMINATION. Demonstrate the adequacy of procedures for the monitoring and decontamination of emergency workers, equipment and vehicles.				
23. SUPPLEMENTARY ASSISTANCE (FEDERAL/OTHER). Demonstrate the capability to identify the need for external assistance and to request such assistance from Federal or other support organizations.	X	N/A	X	N/A
24. POST-EMERGENCY SAMPLING. Demonstrate the use of equipment and procedures for the collection and transportation of samples from areas that received deposition from the airborne plume.				
25. LABORATORY OPERATIONS. Demonstrate laboratory operations and procedures for measuring and analyzing samples.	X			
26. INGESTION EXPOSURE PATHWAY - DOSE PROJECTION AND PROTECTIVE ACTION DECISION MAKING. Demonstrate the capability to project dose to the public for the ingestion pathway and to recommend protective measures.				
27. INGESTION EXPOSURE PATHWAY - PROTECTIVE ACTION IMPLEMENTATION. Demonstrate the capability to implement protective actions for ingestion exposure pathway.				

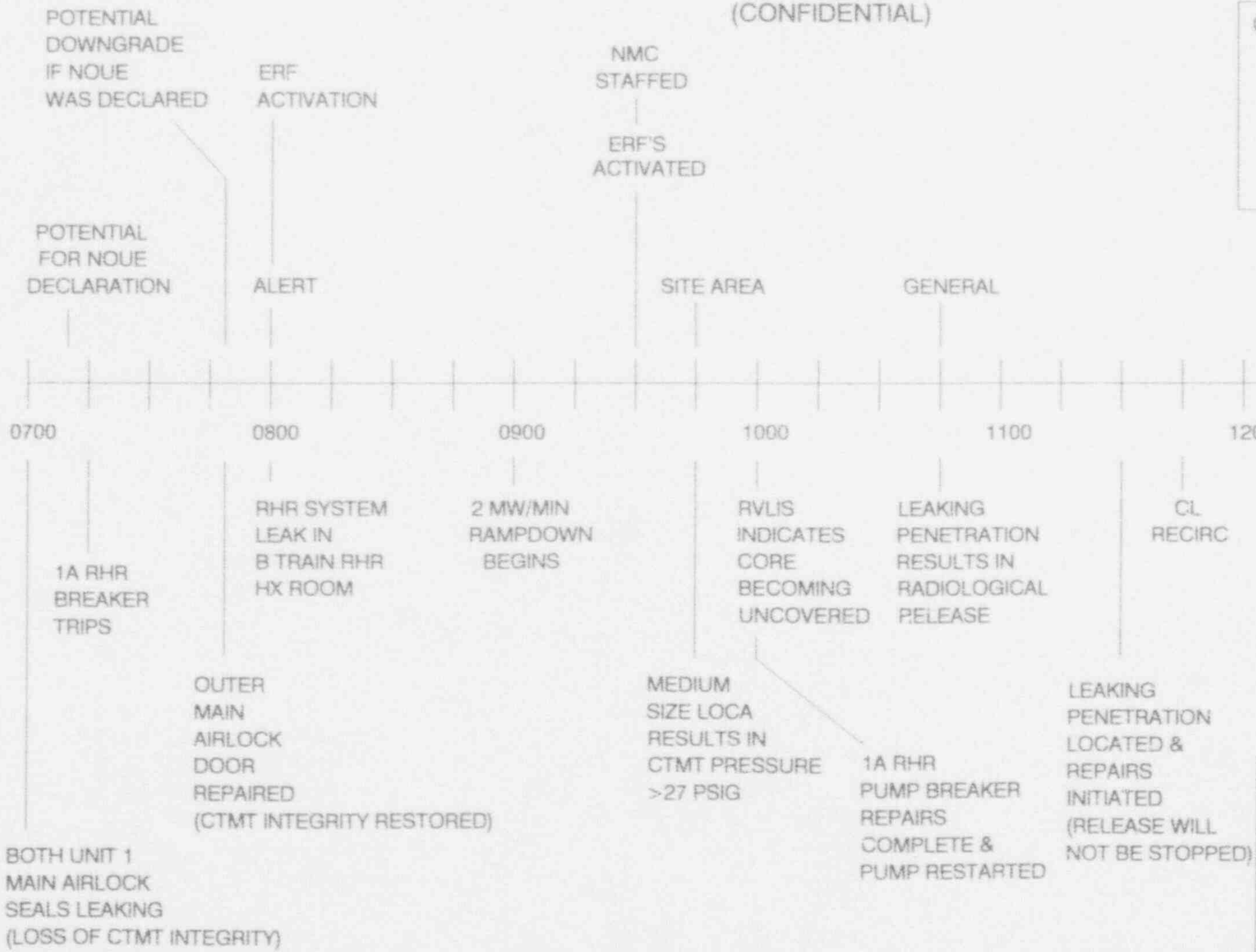
* To be tested in a separate drill the day before the exercise.

	State of AL.	Houston County	State of GA.	Early County
28. RELOCATION, RE-ENTRY, AND RETURN - DECISION MAKING. Demonstrate the capability to develop decisions on relocation, re-entry, and return.				
29. RELOCATION, RE-ENTRY, AND RETURN - IMPLEMENTATION Demonstrate the capability to implement relocation, re-entry and return.				
30. CONTINUOUS, 24-HOUR STAFFING. Demonstrate the capability to maintain staffing on a continuous, 24-hour basis through an actual shift change.				
31. OFFSITE SUPPORT FOR THE EVACUATION OF ONSITE PERSONNEL. Demonstrate the capability to provide offsite support for the evacuation of onsite personnel.				
32. UNANNOUNCED EXERCISE OR DRILL. Demonstrate the capability to carry out emergency response functions in an unannounced exercise drill, EPA PAGs and other relevant factors.				
33. OFF-HOURS EXERCISE OR DRILL. Demonstrate the capability to carry out emergency response functions during an off-hours exercise drill.				
34. LICENSEE OFFSITE RESPONSE ORGANIZATIONS. Demonstrate the capability of licensee offsite response organization [licensee (ORO)] personnel to interface with non-participating organizations and accomplish coordination essential for emergency response.				

1993 FARLEY NUCLEAR PLANT
RADIOLOGICAL EMERGENCY EXERCISE
SCENARIO TIMELINE

(CONFIDENTIAL)

CONTROLLER NOTES:
TO PAGE DIAL 6866
CONTROLLER PAGER #'S
CONTROL ROOM-
TSC-6191
EOF-5627/6211
NMC-2044



INITIAL CONDITIONS
UNIT 1 IS ACCIDENT UNIT
1B CTMT SPRAY PUMP OOC
1D CTMT COOLER OOC
1B RHR SYSTEM ON RECIRC
AIRLOCK INNER SEAL OOC
1A AUX BLDG EXH FAN OOC
1A MDAFW PUMP OOC

SCENARIO SUMMARY

1993 ANNUAL DRILL
INITIAL CONDITIONS

UNIT 1 STATUS

100% steady state (reached 100% 3 days ago following a shutdown for repairs to the main generator hydrogen cooler).

1B containment spray pump red tagged out of service for the last 24 hours due to damaged seal (repairs are waiting on parts, expect repairs will be completed in 24 hours.).

1B RHR system running on recirculation for a required STP. A Train RHR was just run prior to starting B train to ensure operability

Unit 1 main containment air lock is inoperable due to a failed seal on the inner door.

Maintenance crew going to unit 1 main airlock to repair the seal on the inner door.

1D containment fan cooler red tagged out of service due to a service water leak that grounded the motor .

MOL / 1500 MWD/MTU

Boron concentration 810 ppm.

Unit 1B train PRF in operation for an STP.

1A MDAFW pump red tagged out of service for bearing replacement. It has been inoperable for 12 hours, expect repairs to be complete in the next 24 hours.

A train is the on-service train

B train CCW (1A pump) is running to support running of B train RHR.

1A Aux Building Exhaust fan is out of service because of an abnormal noise coming from the fan.

UNIT 2 STATUS

100% steady state

BOL <500 MWD/MTU

Boron concentration 1190 ppm

A train is the on service train

2B Charging pump inoperable and tagged out of service due to an overheated bearing and loud noise coming from the pump

2C condensate pump caution tagged for emergency use only due to overheating during long term operation. The decision has been made to continue operation at 100%.

RE15B Steam Jet Air Ejector radiation monitor detector replacement is in progress.

FNP-2-STP-33.1B is in progress on B Train Solid State Protection System.

Fire Detection system 2A-22 is in alarm due to a faulty detector. A fire watch has been established.

UNIT 1 LCOS

1B Containment Spray pump **MANDATORY** Technical Specification 3.6.2.1 in effect since yesterday at 0700.

1B RHR **ADMINISTRATIVE** Technical Specification 3.5.2 in effect since 0630 this morning while running the 1B RHR pump. The B train RHR System **is** operational.

Main Containment airlock inner door **MANDATORY** Technical Specification 3.6.1.3 in effect since 0640 this morning.

1D Containment Fan cooler **ADMINISTRATIVE** Technical Specification 3.6.2.3 in effect since 1245 on last Sunday.

1A MDAFW pump **MANDATORY** Technical specification 3.7.1.2 in effect since 1900 last night.

UNIT 2 LCOS

2B Charging Pump **Administrative** Technical Specification 3.1.2.4 and 3.5.2 since 2 days ago at 1900.

RE15B SJAE Radiation Monitor **Mandatory** Technical Specification 3.3.3.1 since 3 days ago. Alternate sampling methods are in effect.

B Train Solid State Protection System **Voluntary** Technical specification 3.3.1 in effect since 0630 for testing.

Containment Smoke Detection System Mandatory Technical Specification 3.3.3.9 since last night at 2330.

UNIT 1 MAINTENANCE ITEMS

1B Containment Spray pump waiting on repair parts for seal replacement.

Air lock door maintenance team is already on the way to the air lock with all of the parts that they need to effect repairs.

1D Fan Cooler scheduled for repairs during the next outage.

1A auxiliary building fan MWR has just been written and has been sent to planning. The tagging order has just been completed.

The 1A MDAFW pump is in the process of being torn down to replace the bearings.

UNIT 2 MAINTENANCE ITEMS

2B Charging Pump MWR has been planned and repairs are scheduled to start at 1600 today

The 2C condensate pump MWR has been planned and work is scheduled in three weeks when a rampdown is scheduled for other reasons.

R15B detector replacement is in progress, expect repairs to be complete in 3 hours.

Fire Detection System 2A-22 MWR is in planning at the current time.

Meteorlogical Conditions

Wind speed:
3.6 mph at 150 feet
3.0 mph at 35 feet

Wind direction from:
102 degrees at 150 feet
99 degrees at 35 feet

Delta T:
-.8 degrees channel 1
-.8 degrees channel 2

1993 ANNUAL DRILL
NARRATIVE SUMMARY

The drill starts at 0700 when the Control Room staff is informed that both the inner and outer airlock doors on the main airlock of Unit One containment are leaking. The Technical Specifications require that a plant shutdown and cooldown be initiated in an hour if the airlock cannot be repaired. A Notification of Unusual Event (NOUE) declaration must be made if a plant shutdown is required by Technical Specifications. The control room staff may declare a precautionary **NOUE** prior to the start of the shutdown. Plant staff will start repair activities.

At 0715 the control room staff receives a report that the 1A RHR pump is inoperable due to a breaker problem. The control room staff will apply the appropriate Technical Specifications and have repair activities started.

At 0755 the outer containment airlock door has been repaired. Plans to shutdown the plant are canceled. If a NOUE was declared a down grade and closeout may be considered.

Between 0800 and 0815 the control room staff will discover a leak in the operating train of RHR, B train. This leak will require declaring the second train of RHR inoperable. The Technical Specifications require that a plant shutdown and cooldown be initiated in an hour if at least one train of RHR is not returned to service within an hour.

Due to both trains of RHR being inoperable an **ALERT** emergency classification must be declared. Plant staff will start taking actions for an alert and the TSC and EOF staffs will be called in.

One hour later neither RHR pump has been able to be repaired and a plant shutdown is commenced.

Within 75 minutes of the Alert declaration the TSC and potentially the EOF should have minimum staff in place and start turning over to perform designated functions. The EOC in Birmingham will also have staff available to support plant operations

At 0945 a medium sized LOCA occurs causing containment pressure to rise above 27 psig. A **Site Area Emergency** must be declared.

Several pieces of containment cooling and ECCS equipment fail causing only one spray pump, one fan cooler, and one MDAFW to be running and no RHR pumps to be operating.

The core becomes uncovered and containment radiation levels rise indicating that core damage has occurred. When samples can be drawn, sample analysis will confirm that core damage has occurred.

At 1000 one RHR pump can be restarted allowing the core to be recovered.

At 1045 a failure of the containment isolation occurs causing a release into the penetration room and subsequently to the Environment through the plant vent stack.

A **General Emergency** should be declared at this time.

It is anticipated that the leaking containment penetration can be repaired by the plant staff.

The EOF staff will continue the efforts to track the plume and provide environmental monitoring and dose assessment. The EOF staff will be further challenged with licensing questions, public information, engineering and logistics support activities.

The News Media Center (NMC) will be activated and staffed by representatives from SNC, APC, the State of Alabama, the State of Georgia, Houston County and Early County. Media and public interest will be simulated and news releases will be prepared and released.

The exercise will terminate once the radiation monitoring teams have tracked the plume, the EOF has been staffed and is performing EOF activities and the NMC has conducted a press conference. Termination will be coordinated with the State of Alabama and the State of Georgia if occurring prior to 1300 Central time.

SEQUENCE OF EVENTS

1993 ANNUAL DRILL EVENTS

TIME	EVENT	ACTION/EXPECTED RESPONSE
TIME 07:00	Control Room receives a report that the outer door of the main airlock is damaged and will not provide Containment integrity	• Declare both doors inoperable • Apply motherhood Technical Specification 3.0.3 • Plan to commence plant shutdown by 0800 • Start repair activities • Contact Operations Manager • Contact Emergency Director • Contact Recovery Manager • contact Emergency Support Manager • A **NOUE** is required for a loss of CTMT integrity that requires shutdown. A shutdown is required in 1 hr. A <u>precautionary</u> **NOUE** may be declared at this time. • If **NOUE** is declared make appropriate notifications.
TIME 07:15	A System Operator reports that he heard a popping noise and an insulation smell coming from the 1A RHR Pump breaker, and then the breaker indicating lights went out. There is no smoke or fire.	• Declare the 1A RHR Pump inoperable and apply Technical Specification 3.5.2 for one train of RHR • Initiate repair activities. The breaker cubicle is damaged and repairs will take approximately 2 to 3 hours
TIME 07:55	The outer containment airlock door is repaired and is operable	• Shutdown plans are canceled • Consider downgrade to no emergency class If **NOUE** was declared
TIME 08:00	A leak develops in the B Train RHR system in the heat exchanger room causing an increase in RHR Heat Exchanger room sump level and an increase in Penetration room radiation levels	

1993 ANNUAL DRILL EVENTS

TIME	EVENT	ACTION/EXPECTED RESPONSE
TIME 08:00 to 08:15	Shift crew detects RHR leak	• Secure B Train RHR • Isolate B Train RHR • Determine that two trains of RHR are now inoperable • Apply Technical Specification 3.0.3 • Start repair activities • Contact Operations Manager • Contact Emergency Director • Contact Recovery Manager • contact Emergency Support Manager • No rampdown is required at this time • Declare an **ALERT** based on loss of both trains of RHR • Make appropriate notifications • Call out the **TSC** and **EOF** staffs
TIME 09:00 to 09:15	Two Trains of RHR have been inoperable for 1 hour	• Commence rampdown at 2 MW/MIN
TIME 09:15 to 09:30	Minimum TSC and EOF staffs are on site	• Activate the TSC and consider activating the EOF
TIME 09:45	A Medium sized LOCA occurs. RCS pressure remains above RHR pressure. CTMT pressure exceeds 27 psig causing spray actuation	• Shift crew takes action per appropriate Emergency Response Procedures • Upgrade emergency classification to **SITE AREA EMERGENCY** • Make appropriate notifications • Sound Plant Emergency Alarm • Perform Accountability • Have the News Media Center activated if not previously done. • Have the EOF activated if not previously done
TIME 09:45	Containment Fan Coolers 1B and 1C tripped on fault when Safety Injection tried to start them in slow speed.	• Consider sending a repair party to repair fan coolers

1993 ANNUAL DRILL EVENTS

TIME	EVENT	ACTION/EXPECTED RESPONSE
TIME 09:45	The TDAFW pump failed to come up to speed during the Safety Injection.	• Consider sending a repair party to repair TDAFW pump
TIME 09:45	The following equipment was tagged out or failed to operate during the Safety Injection: 1A RHR PUMP 1B RHR PUMP 1B CONTAINMENT SPRAY 1B CONTAINMENT FAN COOLER 1C CONTAINMENT FAN COOLER 1D CONTAINMENT FAN COOLER 1A MDAFW PUMP TDAFW	
TIME 09:45 to 10:00	RVLIS indication show RX vessel upper-head and plenum voiding increasing and the core becoming completely uncovered	
Time 10:00	CTMT radiation monitors R-27 A&B start rapidly increasing indicating, in conjunction with core uncovery that 0 to 50% fuel failure has occurred	• No specific action required. Staff may want to declare a General Emergency as a precautionary measure. Controller intervention may be required to prevent this declaration.
TIME 10:00	The 1A RHR pump repairs are reported complete	• Have the tags cleared on the RHR pump and start the RHR pump.
TIME 10:13	The 1A RHR pump is started	
TIME 10:45	The following Rad monitors increase and go into alarm: Penetration room R-10 Plant Vent Stack R-14 Plant Vent Stack R-21 Plant Vent Stack R-22 Indicating a failure of the CTMT isolation	• Upgrade emergency classification to **GENERAL EMERGENCY.** • Make protective action recommendations • Make appropriate notifications • Send a reentry team to locate the source of the leak from the containment

1993 ANNUAL DRILL EVENTS

TIME	EVENT	ACTION/EXPECTED RESPONSE
TIME 10:45+	Leaking penetration is located	• Send a reentry team to repair the leak
TIME 10:45+	Leaking penetration is sealed	• When the plant staff takes appropriate actions to repair the leak we will inform the plant staff that no further efforts will be required to repair the leak. However the release will continue to allow exercising the Radiation Monitoring teams.
TIME 13:00	TERMINATE THE DRILL	

22

POWER HISTORY AND MISC. DATA

JOSEPH M. FARLEY NUCLEAR PLANT
POWER HISTORY AND MISC. DATA

DATE 12-7-93
UNIT 1

TIME	CRITICAL	SUB-CRITICAL	% RX PWR	TURB. MW	VACUUM CPPSIA	AVG CW IN TEMP.	INITIALS
0000	X		99.98	862	1.2	91	Jh
0100	X		100.00	863	1.25	90	Jh
0200	X		99.97	862	1.2	90.5	Jh
0300	X		99.99	863	1.25	90.6	Jh
0400	X		100.00	862.5	1.20	91	Jh
0500	X		99.96	863	1.15	91	Jh
0600	X		99.98	863	1.2	90.7	Jh
0700	X		99.97	861.5	1.2	90.6	Jh
0800	X		100.00	861.5	1.15	90.7	HM
0900	X		99.97	862.5	1.25	90.8	HM
1000	X		99.96	862	1.2	91	HM
1100	X		99.98	862.5	1.2	90.2	HM
1200	X		99.98	863	1.15	90.3	HM
1300	X		99.96	862.5	1.2	90.4	HM
1400	X		100.00	863	1.15	90.5	HM
1500	X		99.97	862.5	1.15	90.8	HM
1600	X		99.98	862.5	1.2	91	KL
1700	X		99.96	861	1.2	91.2	KL
1800	X		99.98	862.5	1.23	91.3	KL
1900	X		100.00	863	1.24	91.5	KL
2000	X		99.97	862.5	1.25	92	KL
2100	X		99.98	863	1.22	91.5	KL
2200	X		99.96	861	1.15	91	KL
2300	X		100.00	863	1.2	90.5	KL

Xenon & Samarium Worths as of 2400 on 12-7-93

XE Worth 2652.21 pcm Sm Worth 949.51 pcm
% XE Conc 99.82 % Sm Conc 99.95
% I Conc 99.91 % Pm Conc 99.98

Burnup through 2400 of 12-7-93
Burnup 1502.3 MWD/MTU
EFPD 40.08

COMMENTS:

PUBLIC INFORMATION SCENARIO

METHODOLOGY

The development of this scenario took into account the actual experiences of other nuclear utilities and industrial facilities that have experienced emergency events resulting in considerable public interest and concern.

Those events were utilized as a realistic experience base. The other key factors taken into account were APC, SNC and the Farley Nuclear Plant's own unique situation and programs. This included analysis of recent issues of public, media, employee and financial interest related to the plant and utility; normal APC and SNC media contacts history; Farley public acceptance situation; Farley emergency procedures and APC and SNC emergency public information procedures.

Using the information base described above, a realistic scenario of public information repercussions to the corresponding technical scenario was developed which includes the following:

-Public and employee inquiries (quantity, nature, source, recipient)

-Political official inquiries (quantity, nature, source, recipient)

-Media inquiries (quantity, nature, source, recipient)

-Financial community inquiries (quantity, nature, source, recipient)

-Questions which a spokesman, technical briefers and News Media Center staff would likely receive

-Media relations situations at the News Media Center requiring staff to make decisions and take actions based on procedures and training

The time frames provided for these activities are based on the timing and movement of the technical scenario and emergency team responses to scenario events.

1993 Public Information Scenario

APPROXIMATE EXERCISE TIME	EVENT SUMMARY AND ANTICIPATED ACTIONS
7:00 a.m.	Notification of Unusual Event declared when Unit 1 outer door of the main airlock is damaged and will not provide containment integrity.
7:45 a.m.	Media calls begin coming in to FNP switchboard questioning containment integrity.
7:55 a.m.	Media calls begin coming in to Corporate Headquarters.
8:00 a.m.	Public calls begin coming in to FNP Switchboard and Corporate Headquarters.
8:00 a.m.	Alert declared due to a leak in residual heat removal system.
8:00 a.m.	EOC activates.
8:15 a.m.	Media rumor of radiation leakage due to residual heat removal leak.
8:30 a.m.	Public calls come in on radiation leakage.
8:45 a.m.	Birmingham TV and radio stations request an interview with a company spokesman.
9:15 a.m.	EOF staffed. NMC staffed.
9:45 a.m.	NMC activated.
9:45 a.m.	Site Area Emergency declared due to a medium size loss of coolant accident. Containment pressure causes spray activation. Containment fan coolers trip. Residual heat removal pump fails. Auxiliary feedwater pump fails.
10:00 a.m.	News conference is held at NMC.
10:00 a.m.	Reactor core becoming completely uncovered. 50 percent fuel failure has occurred.
10:25 a.m.	Media insists on having a technical briefing on the failing equipment.
10:30 a.m.	Rumor detected in both media and public that an employee sent in to repair inoperable equipment was exposed to high levels of radiation.
10:45 a.m.	General Emergency declared when radiation monitors go into alarm in penetration room and plant vent stack.
11:00 a.m.	News Conference is held at NMC.
11:30 a.m.	Media requests technical briefing.
1:00 p.m.	Terminate drill.

1993 Public Information Scenario

EVENT: Media Relations - Plant Switchboard Operator

MESSAGE FOR: Farley Nuclear Plant Switchboard Operator

PHONE NUMBER: 205/899-5156

CONTROLLER GUIDANCE:

The Farley Switchboard Operator should refer you to the Corporate Headquarters at 250-2385 or 250-2386. If she does so, **call 250-2385** and repeat the same question. If she does not refer you to one of these numbers, do what the operator tells you to do and note the actions.

Begin and end each message with: "THIS IS A DRILL."

SCENARIO TIME:	MESSAGES:
7:45 a.m.	THIS IS A DRILL. This is Judy Styles at WKMX. I understand that the door to containment is damaged. What's going on out there? Are you leaking radiation? What are you doing to fix the problem? THIS IS A DRILL.
7:50 a.m.	THIS IS A DRILL. I'm Paul Trevor with WULA in Eufaula. I just heard that the containment door is damaged. Won't that cause you to leak radiation? How will you fix it? THIS IS A DRILL.
7:55 a.m.	THIS IS A DRILL. This is Kendall Weaver with AP. What's this I hear about a containment airlock door being damaged? Are your employees in any danger? THIS IS A DRILL.
8:05 a.m.	THIS IS A DRILL. What is the plant manager's name? Please transfer me to his office. (If they transfer you to his office ask to speak with him. If you talk to him say ... THIS IS A DRILL. I heard that there was a radiation leak at your plant. I'm with WDHN in Dothan and I got a report from one of your employees that the leak is due to equipment problems and that you should have already shut the plant down. Do you have any comment? We're going live with this report in about 5 minutes.
8:15 a.m.	THIS IS A DRILL. I'm Kathy Stark with WDHN-TV in Dothan. I heard that you had a radiation leak at the Farley Plant. Something about the heat removal system in the core. What's happening over there? THIS IS A DRILL.
8:20 a.m.	THIS IS A DRILL. This is Billy Presley of the Dothan Eagle. Who is in charge of plant? What's his phone number? Would you transfer me to him? THIS IS A DRILL.
8:25 a.m.	THIS IS A DRILL. My name is Doug Handsome with WALB-TV in Albany, Georgia. What's this we're hearing about a radiation leak at your plant? THIS IS A DRILL.

9:45 a.m. THIS IS A DRILL. My name is Lois Hammer with WSFA-TV in Montgomery. I have a report from someone in you plant that half of your safety equipment was off line for repairs and that other half is failing. Why weren't you prepared for this? Why didn't you shut down the plant if you had so many systems down for repair? THIS IS A DRILL.

10:00 a.m. THIS IS A DRILL. I'm with WMBB-TV in Panama City. We're hearing that you have an emergency at Plant Farley. What's going on? I've also heard that your core is completely uncovered and totally out of control. Why hasn't the NRC stepped in since you aren't able to control your own plant? THIS IS A DRILL.

10:20 a.m. THIS IS A DRILL. This is Bob Hughes of WXIA in Atlanta. I need information on the accident at your nuclear power plant. THIS IS A DRILL.

10:35 a.m. THIS IS A DRILL. This is Christy Curly with WJHG-TV in Panama City. I have a source inside the plant that told me that you are leaking radiation into the atmosphere and that everything will be destroyed for hundreds of miles around the plant. I'm going live with this story in 5 minutes. Do you have any comments that you want me to include? THIS IS A DRILL.

10:40 a.m. THIS IS A DRILL. I'm with ABC News. I just heard that you sent an employee in to repair broken equipment and exposed him to lethal amounts of radiation. THIS IS A DRILL.

10:55 a.m. THIS IS A DRILL. This is Keith James with WOOF-AM/FM. I heard that you are leaking radiation into the atmosphere. What's this going to do to the countryside? What about livestock? THIS IS A DRILL.

11:30 a.m. THIS IS A DRILL. This is Janet Jones. I'm with WDJR in Dothan. I need the most current information that you have. We're going live on the radio in 2 minutes. What can you tell me? THIS IS A DRILL.

1993 Public Information Scenario

EVENT: Public Inquiry - Plant Switchboard Operator

MESSAGE FOR: Farley Nuclear Plant Switchboard Operator

PHONE NUMBER: 205/899-5156

CONTROLLER GUIDANCE:

The Farley Switchboard Operator should refer you to the Corporate Headquarters at 1-800-367-4020. If she does so, **call 250-1552** and repeat the same question. If she does not refer you to this number, do what the operator tells you to do and note the actions.

Begin and end each message with: "THIS IS A DRILL."

SCENARIO TIME:	MESSAGES:
8:00 a.m.	THIS IS A DRILL. I heard on WKMX (radio) that you have had an accident at the plant. What's going on? THIS IS A DRILL.
8:10 a.m.	THIS IS A DRILL. I heard on the radio that the door to containment was open. What's that mean? Are you contaminating us all? What's to become of us? THIS IS A DRILL.
8:15 a.m.	THIS IS A DRILL. What's this I hear about a leak in your containment? Why haven't we been evacuated? Are you trying to cover it up? Have you told the NRC? THIS IS A DRILL.
8:25 a.m.	THIS IS A DRILL. I want to speak to someone about the meltdown that is occurring at your plant. THIS IS A DRILL.
8:40 a.m.	Ask for the Control Room. Identify yourself as Elmer Harris (CEO of Alabama Power). If you get the Control Room, do not identify yourself. Ask what is going on at the plant. Get person's name. Tell them thank you and hang up. Inform controller if you reached the Control Room.
8:55 a.m.	THIS IS A DRILL. I cannot find that calendar you sent me that tells me what to do in an emergency. Can you tell me? THIS IS A DRILL.
9:10 a.m.	THIS IS A DRILL. I work in maintenance. Do I need to come on in to help out? THIS IS A DRILL.
9:25 a.m.	THIS IS A DRILL. I heard about the accident and need to know if I should leave my home now. THIS IS A DRILL.
9:50 a.m.	THIS IS A DRILL. I just heard that you're losing coolant. Will the plant melt down now? THIS IS A DRILL.
10:10 a.m.	THIS IS A DRILL. My husband just called from his cellular phone. He's been fishing on the river. He's hearing all kinds of sirens coming from the nuclear plant. Has it blown up? Will my husband die from radiation? We wanted to have children, can we still have them? THIS IS A DRILL.

10:45 a.m. THIS IS A DRILL. I heard you have an injured employee. The news said he was exposed to lethal amounts of radiation. Who is it? My husband and my son both work there. Was it one of them? My brother-in-law works there too. Was it him? THIS IS A DRILL.

11:00 a.m. THIS IS A DRILL. I heard sirens outside. I live real close to the plant. What's happening. Am I supposed to leave? THIS IS A DRILL.

1993 Public Information Scenario

EVENT: Media Relations - Corporate Media Relations staff

MESSAGE FOR: Corporate Media Relations staff

PHONE NUMBER: 250-1517 or 250-2385 **(CALL BOTH NUMBERS)**

CONTROLLER GUIDANCE:

Begin and end each message with: "THIS IS A DRILL."

SCENARIO TIME:	MESSAGES:
7:55 a.m.	THIS IS A DRILL. This is Judy Styles at WKMX. I understand that the door to containment is damaged. What's going on out there? Are you leaking radiation? What are you doing to fix the problem?
7:57 a.m.	THIS IS A DRILL. I'm Paul Trevor with WULA in Eufaula. I just heard that the containment door is damaged. Won't that cause you to leak radiation? How will you fix it?
8:00 a.m.	THIS IS A DRILL. This is Kendall Weaver with AP. What's this I hear about a containment airlock door being damaged? Are your employees in any danger?
8:03 a.m.	THIS IS A DRILL. This is David Gayle at WOOF radio. Emergency Management called and said there was a problem at your nuclear plant. I am an Emergency Broadcasting Station and need to let the public know if there is an emergency. What's happening? THIS IS A DRILL.
8:05 a.m.	THIS IS A DRILL. This is Billy Presley at the Dothan Eagle. I'm on deadline for the first edition and I heard there may have been an accident at the plant. Can you confirm this? THIS IS A DRILL.
8:10 a.m.	THIS IS A DRILL. This is Ella Fitzpatrick at WTVY-TV in Dothan. I heard that there's a problem at the plant. Have you begun evacuating residents in area near the plant as a precaution? What about the employees? Is anyone hurt? THIS IS A DRILL.
8:13 a.m.	THIS IS A DRILL. Hi. I'm Stacy Lyle with WESP in Dothan. I heard that you've got a problem with your plant. Something about a leak in the heat removal system. I don't understand exactly what's going on. Can you give me some details? THIS IS A DRILL.
8:15 a.m.	THIS IS A DRILL. I'm Kathy Stark with WDHN-TV in Dothan. I heard that you had a radiation leak at the Farley Plant. Something about the heat removal system in the core. What's happening over there? THIS IS A DRILL.
8:18 a.m.	THIS IS A DRILL. This is Louis Pierce at WDHN-TV in Dothan. Is there a leak of radiation at Farley? When did the accident begin? What details can you give me? THIS IS A DRILL.

8:20 a.m.	THIS IS A DRILL. This is Jeff Davis at AP. What is going on at Farley? One of our stations down there says there's a radiation leak. THIS IS A DRILL.
8:22 a.m.	THIS IS A DRILL. This is Billy Presley of the Dothan Eagle. Who's in charge of the plant? What's his phone number? Would you transfer me to him? THIS IS A DRILL.
8:25 a.m.	THIS IS A DRILL. My name is Doug Handsome with WALB-TV in Albany, Georgia. What's this we're hearing about a radiation leak at your plant? THIS IS A DRILL.
8:30 a.m.	THIS IS A DRILL. This is Sally Butterworth at WESP radio in Dothan. My sources at the plant tell me the plant is in a dangerous situation now. Is it about to blow up, or has that already happened? THIS IS A DRILL.
8:35 a.m.	THIS IS A DRILL. This is Ken Jackson at WMBB-TV in Panama City. I need some information about the leak. The coolant system is leaking, right? How much water is left to keep the reactor cool? What's the total volume of water in the coolant system. You have shut the plant down, right? THIS IS A DRILL.
8:40 a.m.	THIS IS A DRILL. This is Debbie Williams at WTVY radio in Dothan. If you have to shut the plant down, will everyone lose electricity? THIS IS A DRILL.
8:45 a.m.	THIS IS A DRILL. This is Ken Jackson at WMBB-TV in Panama City. How can I get in contact with the NRC? Where are they located? THIS IS A DRILL.
8:50 a.m.	THIS IS A DRILL. This is Andy Freeman at WBBK in Blakely, GA. What is being done to stop the leak? THIS IS A DRILL.
8:55 a.m.	THIS IS A DRILL. This is Billy Presley at the Dothan Eagle. I have a few more questions. I understand that an "Alert" emergency classification means there is substantial degradation of the plant safety. Should the public run for their lives now? Are you sending employees home? THIS IS A DRILL.
9:00 a.m.	THIS IS A DRILL. This is Janice Martin at AP. I understand the plant is in a state of emergency. What does this mean in specific terms? THIS IS A DRILL.
9:05 a.m.	THIS IS A DRILL. I heard that the Farley plant is at an Alert. I also understand that this emergency classification gets emergency workers ready. What are they preparing to do - make the repairs to stop the leak of coolant? How can they do this without being exposed to radiation? THIS IS A DRILL.
9:10 a.m.	THIS IS A DRILL. This is Susan Elsie WKMX in Enterprise. You haven't informed us of anything about this accident. How do you expect us to let the public know what's going on. I want some information now. What are you hiding? (Refuse to be called back. Insist on talking to someone now. Tell them you will hold, if necessary.) THIS IS A DRILL.

9:15 a.m.	THIS IS A DRILL. This is Tom Brokaw. I've heard that you have an emergency at your nuclear plant. Give me the details. (After they give you some information, say ...) OK that's what you're telling everyone else. Now, tell me what's really going on ... strictly off the record, of course. THIS IS A DRILL.
9:20 a.m.	THIS IS A DRILL. This is Tammy Jones. I work at WOOF in Dothan. I heard that you have an emergency at the plant and I was wondering, should my mother go ahead and leave? She lives real close to the plant. THIS IS A DRILL.
9:30 a.m.	THIS IS A DRILL. This is Bob Griffin at WJJN radio in Dothan. Have employees been evacuated? THIS IS A DRILL.
9:35 a.m.	THIS IS A DRILL. Steve Dorning here with CNN. I just heard that you've got a serious problem at your nuclear plant. What's going on? Are we about to have the American version of Chernobyl? What are you doing to protect the public? What about your employees? THIS IS A DRILL.
9:40 a.m.	THIS IS A DRILL. My name is Lois Hammer with WSFA-TV in Montgomery. I have a report from someone in your plant that half of your safety equipment was off line for repairs and that the other half is failing. Why weren't you prepared for this? Why didn't you shut down the plant if you had so many systems down for repair? THIS IS A DRILL.
9:45 a.m.	THIS IS A DRILL. This is Steve Dorning again with CNN. Now I'm hearing rumors of incompetence there at the plant. You knew you had safety equipment down for repairs and you knew that you couldn't operate the plant safely but you did it anyway. Now you've got an emergency at the plant and you'll probably kill everything for miles and miles around the plant. What are you going to do about this? THIS IS A DRILL.
9:48 a.m.	THIS IS A DRILL. This is Sam Spade with CBS-New York. I've been hearing about your problems at Plant Farley all day. Now I'm hearing that you're losing coolant too! Are you finally going to close down your nuclear plant? You plants in the South seem to be plagued with problems anyway. THIS IS A DRILL.
9:50 a.m.	THIS IS A DRILL. This is Billy Presley at the Dothan Eagle. A source of mine who's an employee at Farley Plant called and said that fuel damage was likely, the core was uncovered and that basically the plant was out of control. How did you let this happen? Doesn't this mean that a meltdown has begun? THIS IS A DRILL.
9:52 a.m.	THIS IS A DRILL. This is David Gayle at WOOF radio. I heard your accident has just gotten much worse. What's happening? THIS IS A DRILL.
9:54 a.m.	THIS IS A DRILL. This is Steve Summers of the Los Angeles Times. I understand that you have a major leak in coolant. How are you going to keep the core cool? What's going to happen next? Are we going to have the destruction that resulted from Chernobyl? Are you going to compensate everyone for their losses? THIS IS A DRILL.

9:56 a.m. THIS IS A DRILL. This is Alan Square of the Atlanta Journal. What county is the plant in? Has the governor ordered evacuation of county yet? Where will all of the people go? Is this the worst accident at your nuclear power plant? THIS IS A DRILL.

9:58 a.m. THIS IS A DRILL. This is Billy Presley at the Dothan Eagle. We have received calls from people near the plant who are hearing sirens coming from it. What's happened now? Is it getting worse? What are the sirens for? Are these evacuation sirens? THIS IS A DRILL.

10:00 a.m. THIS IS A DRILL. This is Cal Cooley at WBRC. Has the NRC been notified of accident? Have they taken over the plant? Have they pulled your license as a result of this accident? How can I get in touch with the NRC. Are they in Washington? THIS IS A DRILL.

10:05 a.m. THIS IS A DRILL. This is Ken Jackson at WMBB-TV in Panama City. What is being done to ensure the public is protected. Are you suggesting that people living near the plant evacuate? (If they tell you that you need to talk to the emergency management agency, ask ...) Don't you make recommendations to them? THIS IS A DRILL.

10:08 a.m. THIS IS A DRILL. This is Ella Fitzpatrick of WTVY-TV. What areas of the county have you evacuated? THIS IS A DRILL.

10:10 a.m. THIS IS A DRILL. I'm with WMBB-TV in Panama City. We're hearing that you have an emergency at Plant Farley. What's going on? I've also heard that your core is completely uncovered and totally out of control. Why hasn't the NRC stepped in since you aren't able to control your own plant? THIS IS A DRILL.

10:15 a.m. THIS IS A DRILL. This is Steve Dorning with CNN again. I've been trying to get in touch with one of the emergency management agencies around the plant but I can't get an answer. Have they left? What's going on? THIS IS A DRILL.

10:20 a.m. THIS IS A DRILL. This is Scott Richards with WBRC-TV in Birmingham. I heard that you were having a news conference somewhere about the conditions at Plant Farley. Where is it? We want to attend. THIS IS A DRILL

10:23 a.m. THIS IS A DRILL. This is Andy Freeman at WBBK in Blakely, GA. My source tells me that you're losing coolant to the reactor core. What will happen now? Is the core melting through the floor? Shouldn't everyone in the county leave now? THIS IS A DRILL.

10:25 a.m. THIS IS A DRILL. This is Toni Childs with the Chicago Tribune. I'm doing a story on the accident at Plant Farley. I understand that it was caused by negligence ... that the plant management knew this could happen but they refused to take the plant off line. Can you give me some inside information. My editor has authorized me to offer $1000 for the story. THIS IS A DRILL.

10:28 a.m. THIS IS A DRILL. This is Sally Butterworth at WESP radio in Dothan. I heard there are some injured workers being taken to a Dothan hospital. Which hospital? THIS IS A DRILL.

10:30 a.m. THIS IS A DRILL. This is James Murphy with WKYY in New York. We've been following the story on your emergency at Plant Farley and we've just heard that you have an employee who was injured while trying to fix some broken equipment. We understand that he was exposed to lethal amounts of radiation. Are you planning on providing for his family for the rest of their lives? Do you plan to send other employees in to fix the equipment? THIS IS A DRILL.

10:33 a.m. THIS IS A DRILL. This is Patricia Dye of WULA radio in Eufaula. Have you gotten the problem fixed yet? Is this the first accident you've ever had? THIS IS A DRILL.

10:35 a.m. THIS IS A DRILL. This is Barbie Boulder at Channel 42 in Birmingham. Can you explain what happens during a meltdown at a nuclear power plant? THIS IS A DRILL.

10:37 a.m. THIS IS A DRILL. This is Christy Curly with WJHG-TV in Panama City. My source inside the plant that told me that you are leaking radiation into the atmosphere and that everything will be destroyed for hundreds of miles. I'm going live with this story in 5 minutes. Do you have any comments that you want me to include? THIS IS A DRILL.

10:40 a.m. THIS IS A DRILL. This is Ray Active of WVTM. Is the reactor core covered with water or has it all leaked out? Can you pump in more water from the river or that big pond you have on the plant site? THIS IS A DRILL.

10:42 a.m. THIS IS A DRILL. This is Tom Tidwell at WOOF radio. We just heard the report that you have an injured employee and that he was exposed to lethal amounts of radiation. My secretary's husband works there and she is upset. Can you tell me who was injured. She's desperate to know if it's her husband. THIS IS A DRILL.

10:45 a.m. THIS IS A DRILL. This is Paul Harvey. Update me on the coolant leak. How did the leak begin? What is the source of the leak? Can it be stopped? THIS IS A DRILL.

10:50 a.m. THIS IS A DRILL. This is Billy Presley at the Dothan Eagle. I have a report that radiation is leaking in the plant. I need to confirm this. I have a deadline in 15 minutes. THIS IS A DRILL.

10:55 a.m. THIS IS A DRILL. This is Keith James with WOOF-AM/FM. I heard that you are leaking radiation into the atmosphere. What's this going to do to the countryside? What about livestock? THIS IS A DRILL.

11:00 a.m. THIS IS A DRILL. This is Rita Snellgrove of CBS in New York. Is this the worst nuclear power plant accident since Three Mile Island? THIS IS A DRILL.

11:05 a.m.	THIS IS A DRILL. This is Sam Donaldson at ABC News. I heard that you are now releasing radiation into the atmosphere. How much are you releasing and please put it in non-technical terms. What are you doing to protect the public? What about livestock? Have you shut down your other unit? You obviously are competent to operate it. THIS IS A DRILL.
11:10 a.m.	THIS IS A DRILL. This is Kevin Coolidge with AP. Is any water left in the core to keep it cool? If not, what are you doing to try and cool the core? Is it out of control? Are you trying to shut down the plant? THIS IS A DRILL.
11:15 a.m.	THIS IS A DRILL. This is Bob Hughes of WXIA in Atlanta. I need information on the accident at your nuclear power plant. THIS IS A DRILL.
11:20 a.m.	THIS IS A DRILL. This is Tina Towns with the Birmingham News. I'm doing a story on your plant. Start at the beginning and tell me what's going on. What caused this to start with and how did it get worse? Why couldn't you control your own plant? Give me all the details. THIS IS A DRILL.
11:30 a.m.	THIS IS A DRILL. This is Janet Jones. I'm with WDJR in Dothan. I need the most current information that you have. We're going live on the radio in 2 minutes. What can you tell me? THIS IS A DRILL.
11:35 a.m.	THIS IS A DRILL. This is Grover Morris of the Orlando Sentinel. I need information about your meltdown. Where is the plant located? Where is the nearest airport? THIS IS A DRILL.
11:40 a.m.	THIS IS A DRILL. I'm with the Headland Observer. I want to go out and get some good photos of the plant for our front page. Can you set up something for me? THIS IS A DRILL.
11:50 a.m.	THIS IS A DRILL. This is Stacy Stix with The Ashford Power. I'm doing a story on the people who work in the plant. Who is in charge of the plant? What are his credentials? I'd like to interview some of your employees and get their stories. Can you set something up for me? THIS IS A DRILL.
11:55 a.m.	THIS IS A DRILL. This is Tom Brokaw again. Where can I land my helicopter? I want to be at the next news conference. By the way, when is it scheduled? Also, I want a private interview with the president of the company, Elmer Harris, I believe. How soon can that be arranged? THIS IS A DRILL.
12:00 noon	THIS IS A DRILL. This is Katie Carlson with the Albany Herald. Explain what the deal is about Southern Nuclear Company. Why don't you operate your own company? Is this your way of passing the buck when you screw up? THIS IS A DRILL.

- Ralph Nader held a news conference in Washington a little while ago and criticized Alabama Power, Southern Nuclear and the NRC for allowing this plant to operate unsafely for years. I need some response to feed to the networks.

- Who is responsible if a person gets injured leaving his home after evacuation was ordered?

- Who is responsible for decontaminating homes of radiation?

- You only take protective measures for people within 10 miles of the plant. But this radiation is likely to go far beyond that, isn't it?

- Request to be taken to the plant to videotape. If denied, request background footage.

- The emergency calendar states that state health authorities may give out special pills to protect a person's thyroid from radioactive iodine. Is this being done?

- Are schools being evacuated? If so, where are the students being taken? Can parents go pick them up now?

CONTROLLER MESSAGE:

At the end of the news conference, three "reporters" should separately ask a Media Relations Representative to get a utility or agency spokesperson to do a live interview. Space the request out 5 to 10 minutes between reporters. If a spokesperson does not come to help you in a few minutes, renew your request. **Be very persistent.**

1993 Public Information Scenario

EVENT: Public Inquiry/Rumor Control - Corporate Public Inquiry staff

MESSAGE FOR: Corporate Public Inquiry staff

PHONE NUMBER: 250-1552

CONTROLLER GUIDANCE:

Begin and end each message with: "THIS IS A DRILL."

SCENARIO TIME:	MESSAGES:
8:00 a.m.	THIS IS A DRILL. Someone told me there is a problem at that nuclear plant. What's happening? THIS IS A DRILL.
8:05 a.m.	THIS IS A DRILL. I heard something on the radio about an emergency at your nuclear plant. What's going on? THIS IS A DRILL.
8:10 a.m.	THIS IS A DRILL. A friend of mine who works at the plant told me that you left open the door to the reactor. What's wrong with you people? What are you trying to do? THIS IS A DRILL.
8:12 a.m.	THIS IS A DRILL. What's this I hear about leaving a door open? Are your employees all idiots? THIS IS A DRILL.
8:15 a.m.	THIS IS A DRILL. I heard you have a radiation leak at the plant. What's happening? Do I need to leave? THIS IS A DRILL.
	(NOTE: You <u>should</u> be referred to an Emergency Management Agency for answer to the above question. If so, ask for the phone number, but <u>DO NOT</u> call agency.)
8:17 a.m.	THIS IS A DRILL. I heard there is a problem at the nuclear plant. It was something about a leak. Do I need to evacuate? I can't find my dog, Missy. If I find Missy, can I take her with me? THIS IS A DRILL.
	(NOTE: You <u>should</u> be referred to an Emergency Management Agency for answer to the above question. If so, ask for the phone number, but <u>DO NOT</u> call agency.)
8:20 a.m.	THIS IS A DRILL. What's going on at Plant Farley? I heard something about an emergency. THIS IS A DRILL.
8:25 a.m.	THIS IS A DRILL. You finally had an accident at that plant. I new it would happen some day. What am I supposed to do? Do I pack everything I can in my car and move to Birmingham? Are you going to buy my house? What about my stuff that I can't fit in my car? Will you replace it? THIS IS A DRILL.
	(NOTE: You <u>should</u> be referred to an Emergency Management Agency for answer to part of the above question. If so, ask for the phone number, but <u>DO NOT</u> call agency. Insist on an answer about Alabama Power buying your house & other stuff.)

8:30 a.m. THIS IS A DRILL. Are you releasing radiation at that nuclear plant? (Do not pause; keep asking questions without allowing time for answer.) What about my life? Am I going to die? What about my kids? Why did you do this to us? You said it was safe. THIS IS A DRILL.

8:33 a.m. THIS IS A DRILL. I live in Ashford and I heard you have had an accident at the nuclear plant. Is this true? (Wait for answer.) What should I do? THIS IS A DRILL.

8:35 a.m. THIS IS A DRILL. I heard that someone got hurt in that accident you had at the nuclear plant. Who was he? THIS IS A DRILL.

8:37 a.m. THIS IS A DRILL. I heard there's a meltdown going on at the nuclear plant. Is this true? Why didn't you warn us so we could get out in time? Are you trying to kill us? THIS IS A DRILL.

8:40 a.m. THIS IS A DRILL. I heard about the accident at the plant and that you're leaking radiation. I need help. I have no car. I have to leave my house, don't I? THIS IS A DRILL.

(NOTE: You <u>should</u> be referred to an Emergency Management Agency for answer to part of the above question. If so, ask for the phone number, but <u>DO</u> <u>NOT</u> call agency.)

8:43 a.m. THIS IS A DRILL. I heard that you had a leak at the plant. What's up? THIS IS A DRILL.

8:45 a.m. THIS IS A DRILL. I heard on the radio there is an emergency at the plant. Why hasn't my radio you gave me gone off yet to alert me of the danger? My friend who works at the plant told me that you were leaking radiation. What should I do, stay home or leave? THIS IS A DRILL.

(NOTE: You <u>should</u> be referred to an Emergency Management Agency for answer to the above question. If so, ask for the phone number, but <u>DO</u> <u>NOT</u> call agency.)

8:48 a.m. THIS IS A DRILL. I have a respirator. Should I leave so I will have electricity to run it? THIS IS A DRILL.

8:50 a.m. THIS IS A DRILL. My stock has been doing real well lately. Now you had to go and do this. What's it going to do to the value of my stock now? THIS IS A DRILL.

(You should be referred to a Financial Officer. If so, call the number you are given.)

8:55 a.m. THIS IS A DRILL. What's going on at your plant? Who's in charge? Does he know what he's doing? What are his credentials? THIS IS A DRILL.

9:00 a.m. THIS IS A DRILL. My neighbor says there's a problem at the nuclear plant. What's going on? My radio hasn't gone off. I'm 82 and need lots of notice if I'm going to have to leave. Why did you do this? I'm scared! Can you call my daughter to come and get me? She works at your plant somewhere. THIS IS A DRILL.

9:05 a.m.	THIS IS A DRILL. I heard there's an emergency at your nuclear plant. I can see smoke from over there. Is it on fire? THIS IS A DRILL.
9:10 a.m.	THIS IS A DRILL. I'm scared about this radiation stuff. Can you send someone with a protective shield for me to wear to leave? (Wait on some answer.) Well, my dentist always gives me a shield to protect me when he does an X-ray. Why won't you? THIS IS A DRILL.
9:15 a.m.	THIS IS A DRILL. What in the world is causing all those problems I'm hearing about on the radio. Aren't you people trained to run a nuclear plant? THIS IS A DRILL.
9:18 a.m.	THIS IS A DRILL. This is Senator Sam Nunn. What's going on at the Farley Nuclear Plant? I keep hearing rumors about an emergency. THIS IS A DRILL.
	(You should be referred to a Political Liaison. If so, call the number you are given.)
9:20 a.m.	THIS IS A DRILL. I heard there was a door to containment left open and on top of that you've got a leak in that part of the plant that keeps the core cool. What happened to cause all of this? I know that Alabama Power has been cutting back on employees. What did you do, fire everyone who knew what they were doing? Don't you have minimum requirements for employees? Don't they have to know what they are doing? THIS IS A DRILL.
9:25 a.m.	THIS IS A DRILL. I need to know what items I should take with me in case we have to evacuate. I can't find that emergency calendar you sent me. Please tell me what I need to take. THIS IS A DRILL.
9:30 a.m.	THIS IS A DRILL. I heard that your nuclear plant is leaking radiation. I live in Gordon and want to know if the radiation is blowing toward my house. THIS IS A DRILL.
9:35 a.m.	THIS IS A DRILL. I need transportation. Can you help me? My car is in the shop and my husband is out of town in the truck. I need your help. Also, can you get in touch with my husband for me? THIS IS A DRILL.
	(NOTE: You <u>should</u> be referred to an Emergency Management Agency for answer to the above question. If so, ask for the phone number, but <u>DO</u> <u>NOT</u> call agency.)
9:40 a.m.	THIS IS A DRILL. I just got home and my son told me that something was going on at Farley. What's up? THIS IS A DRILL.
9:45 a.m.	THIS IS A DRILL. I heard you have a leak at the plant. My husband/cousin/friend is fishing in the river this morning. He's right there next to the plant. Are you going to evacuate him? THIS IS A DRILL.
9:50 a.m.	THIS IS A DRILL. I heard sirens outside, but my radio has not gone off. Were these the emergency sirens? I live way out in the country and don't have any neighbors that I can ask. THIS IS A DRILL.

9:55 a.m. THIS IS A DRILL. I hear sirens coming from the direction of the plant. What's happening? Are these evacuation sirens? THIS IS A DRILL.

9:58 a.m. THIS IS A DRILL. I heard that you have a major coolant leak at the plant. What caused it? What are you doing to fix it? THIS IS A DRILL.

10:00 a.m. THIS IS A DRILL. My friend called and said the warning sirens have gone off at the plant. I have a son who works there. Is he hurt? Is he going to die from all of that radiation? THIS IS A DRILL.

10:05 a.m. THIS IS A DRILL. I heard that you have a major coolant leak at the plant and that the reactor is uncovered now. What going to happen now? Will the plant melt down? Won't this end up just like Chernobyl? THIS IS A DRILL.

10:10 a.m. THIS IS A DRILL. Is any radiation being released in the plant? Will this kill your workers? What about the public? THIS IS A DRILL.

10:15 a.m. THIS IS A DRILL. I live in Ashford. Do I need to leave my home? THIS IS A DRILL.

(NOTE: You <u>should</u> be referred to Alabama or Houston County Emergency Management Agencies for answer to the above question. If so, ask for the phone number, but <u>DO</u> <u>NOT</u> call agency.)

10:20 a.m. THIS IS A DRILL. I need help figuring out what zone I am in on this calendar you mailed me. I live in Alabama near the dam (Andrews Lock and Dam, just north of the plant). Am I in F-5 or I-5? Help me, please. THIS IS A DRILL.

10:25 a.m. THIS IS A DRILL. You lied to us all in Houston County. You always said this plant was safe. Well, now you're just going to have to buy my house. You took half my farm to build the stupid plant. I want to talk to someone about buying my house right now. THIS IS A DRILL.

10:28 a.m. THIS IS A DRILL. What kind of danger are employees in? My son works there. Can he come and get me? I'm scared! I want to talk to him right now!!! (Be insistent.) THIS IS A DRILL.

10:30 a.m. THIS IS A DRILL. This accident is scaring me. Should I get my daughter at Ashford Academy and leave the county? THIS IS A DRILL.

10:32 a.m. THIS IS A DRILL. This is Mrs. Alexander in Columbia. What zone do I live in? How am I to know if I'm to evacuate if I don't even know which zone I'm in? THIS IS A DRILL.

10:35 a.m. THIS IS A DRILL. I want to know about this meltdown at the nuclear plant. What is going on? My daughter and my grandchildren live near the plant. Are they in danger? I called them but no one answered the phone. Is your radiation killing people around the plant? Could they be dead? THIS IS A DRILL.

10:38 a.m. THIS IS A DRILL. I heard an employee was injured and that he's going to die from radiation exposure. Who was it? Was it my husband? I'm pregnant and scared!! And I want to talk to him now! May I speak to him please? Can he call me? (Be insistent.) THIS IS A DRILL.

10:40 a.m. THIS IS A DRILL. Someone said there is a problem at that nuclear plant. They said something about there being a coolant leak and the core being uncovered. What's happening? THIS IS A DRILL.

10:42 a.m. THIS IS A DRILL. I heard you have a radiation leak at the plant. What's happening? Do I need to leave my home? THIS IS A DRILL.

10:45 a.m. THIS IS A DRILL. I heard there's a meltdown happening at that nuclear plant. What should I do? I live in Ashford. THIS IS A DRILL.

(NOTE: You <u>may</u> be referred to Alabama or Houston County Emergency Management Agencies for part of answer to the above question. If so, ask for the phone number, but <u>DO</u> <u>NOT</u> call agency.)

10:45 a.m. THIS IS A DRILL. I need help. I do not have a car. Am I supposed to leave my home now? I live in Columbia. THIS IS A DRILL.

(NOTE: You <u>should</u> be referred to Alabama or Houston County Emergency Management Agencies for answer to the above question. If so, ask for the phone number, but <u>DO</u> <u>NOT</u> call agency.)

10:50 a.m. THIS IS A DRILL. I cannot find my calendar and don't know what I am supposed to do if I have to evacuate. What should I do? Can you read the information in the calendar to me? THIS IS A DRILL.

10:55 a.m. THIS IS A DRILL. I heard someone has been killed in the accident you had today. Who was he? THIS IS A DRILL.

11:00 a.m. THIS IS A DRILL. I heard that you have a General Emergency at your plant. What does that mean? My sister and her husband live near there. Are they ok? THIS IS A DRILL.

11:03 a.m. THIS IS A DRILL. I heard about an employee being injured at the plant. Is it my husband? **(Be very hysterical.)** Is he ok? THIS IS A DRILL.

11:05 a.m. THIS IS A DRILL. I heard on the radio that the situation at the plant is getting worse and the reactor is losing coolant. Can the core actually get so hot that it melts through the concrete floor? THIS IS A DRILL.

11:08 a.m. THIS IS A DRILL. I feel ill. How can I tell if radiation is getting in my house. Is that what this black box you gave me is supposed to tell me? THIS IS A DRILL.

11:10 a.m. THIS IS A DRILL. Am I going to lose power to my house because of this accident? THIS IS A DRILL.

11:12 a.m.	THIS IS A DRILL. I live in Columbia. Is radiation from your plant blowing my way? THIS IS A DRILL.
11:15 a.m.	THIS IS A DRILL. I heard you have a leak at the nuclear plant. Will it kill Missy, my poodle? She's been outside all morning. What should I do? THIS IS A DRILL.
	(NOTE: You <u>should</u> be referred to Alabama Department of Public Health for answer to the above question. If so, ask for the phone number, but <u>DO</u> <u>NOT</u> call agency.)
11:18 a.m.	THIS IS A DRILL. The radio says things are getting worse. I'm scared. I need a ride. (NOTE: Be persistent about getting a ride.) THIS IS A DRILL.
	(NOTE: You <u>should</u> be referred to Alabama or Houston County Emergency Management Agencies for answer to the above question. If so, ask for the phone number, but <u>DO</u> <u>NOT</u> call agency.)
11:20 a.m.	THIS IS A DRILL. I heard one of your people on TV saying there is no immediate danger to the public. You've got radiation leaking out of the plant. Don't you consider that dangerous? THIS IS A DRILL.
11:23 a.m.	THIS IS A DRILL. I can't figure out my zone on this crazy map in the calendar. I live in Webb. (You should be told you are in Zone E-10.) Well, what should I do now? THIS IS A DRILL.
11:25 a.m.	THIS IS A DRILL. (Be very argumentative.) I think that guy you put on TV is lying. You just want to protect your pocketbooks at our expense. You're going to kill everything down here just to make a profit. THIS IS A DRILL.
11:28 a.m.	THIS IS A DRILL. I am scared. Should I go get my daughter out of school at Ashford Academy and leave the county? THIS IS A DRILL.
	(NOTE: You <u>should</u> be referred to Alabama or Houston County Emergency Management Agencies for answer to the above question. If so, ask for the phone number, but <u>DO</u> <u>NOT</u> call agency.)
11:30 a.m.	THIS IS A DRILL. Are things getting any better at the nuclear plant? I am real scared about this. THIS IS A DRILL.
11:33 a.m.	THIS IS A DRILL. My wife/husband works at the plant. What are you doing to protect the employees? THIS IS A DRILL.
11:35 a.m.	THIS IS A DRILL. Your radio is telling me to tune into radio or TV. I don't have either because they're always filled with a lot of trash. Well, just tell me what I am supposed to do. Do I need to go to Wal-Mart and buy a radio? Will you pay for it? THIS IS A DRILL.
11:40 a.m.	THIS IS A DRILL. I'm having a dinner party tonight for my new preacher and I need to know if I need to cancel it. THIS IS A DRILL.

11:43 a.m.	THIS IS A DRILL. I'm in a hotel in Dothan and I'm hearing all kinds of things on the radio about an accident at a nuclear power plant here. Nobody here at the hotel seems to know what to do. What am I supposed to do? Which direction should I head? THIS IS A DRILL.
11:45 a.m.	THIS IS A DRILL. I heard some people have been killed at the plant. My son works there. Are there any survivors? Is my son ok? THIS IS A DRILL.
11:48 a.m.	THIS IS A DRILL. Someone said there is a problem at that nuclear plant. What's happening? THIS IS A DRILL.
11:50 a.m.	THIS IS A DRILL. I heard you have a radiation leak at the plant. What's happening? Do I need to leave my home? THIS IS A DRILL. **(NOTE: You <u>may</u> be referred to Alabama or Houston County Emergency Management Agencies for answer to part of the above question. If so, ask for the phone number, but <u>DO</u> <u>NOT</u> call agency.)**
11:53 a.m.	THIS IS A DRILL. I heard there's a meltdown happening at that nuclear plant. What should I do? I live near Blakely, GA. THIS IS A DRILL. **(NOTE: You <u>may</u> be referred to Alabama or Houston County Emergency Management Agencies for answer to the above question. If so, ask for the phone number, but <u>DO</u> <u>NOT</u> call agency.)**
11:55 a.m.	THIS IS A DRILL. I need help. I do not have a car. Am I supposed to leave my home now? I live in Columbia. THIS IS A DRILL. **(NOTE: You <u>should</u> be referred to Alabama or Houston County Emergency Management Agencies for answer to the above question. If so, ask for the phone number, but <u>DO</u> <u>NOT</u> call agency.)**
11:58 a.m.	THIS IS A DRILL. I cannot find my calendar and don't know what I am supposed to do to evacuate. Can you read the information in the calendar to me? THIS IS A DRILL.
Noon	THIS IS A DRILL. I heard someone has been killed in the accident you had today. Who was he? THIS IS A DRILL.
12:03 p.m.	THIS IS A DRILL. I heard on the radio that the situation at the plant is getting worse and the reactor is losing coolant. What's going on? THIS IS A DRILL.
12:05 p.m.	THIS IS A DRILL. I'm trying to reach my sister in Columbia. Where have the residents gone? How can I find her? THIS IS A DRILL.
12:08 p.m.	THIS IS A DRILL. I feel sick. How can I tell if radiation is getting in my house? THIS IS A DRILL.
12:10 p.m.	THIS IS A DRILL. Am I going to lose power to my house because of this accident? THIS IS A DRILL.

12:13 p.m. THIS IS A DRILL. I live in Henry County. Is radiation from your plant blowing my way? (If told unsure of wind direction, ask:) Can you at least find out which way the wind is blowing from your plant? THIS IS A DRILL.

12:15 p.m. THIS IS A DRILL. I can't figure out my zone on this crazy map in the calendar. I live on Hwy. 42 near the little church. (If asked, you live on the south side of Hwy 42. You should be told you are in Zone D-5.) Well, what should I do now? Has my area been ordered to evacuate? THIS IS A DRILL.

12:18 a.m. THIS IS A DRILL. I just got home and my little radio is going off. What's going on? When did this mess start? THIS IS A DRILL.

12:20 a.m. THIS IS A DRILL. What is going to be done to keep looters away from my home since you have ordered me to leave my home? THIS IS A DRILL.

12:23 a.m. THIS IS A DRILL. I've heard some areas have been evacuated. Do I need to close my gas station and leave, too? THIS IS A DRILL.

12:25 p.m. THIS IS A DRILL. (Be very argumentative.) That guy on TV is lying. Why won't he tell us how you all screwed up and a lot of people will die? THIS IS A DRILL.

12:28 p.m. THIS IS A DRILL. I am scared. Should I go get my son out of school at Columbia Middle School and leave the county? THIS IS A DRILL.

(NOTE: You may be referred to Alabama or Houston County Emergency Management Agencies for answer to the above question. If so, ask for the phone number, but DO NOT call agency.)

12:30 p.m. THIS IS A DRILL. Have you all got that nuclear plant fixed yet? What is taking so long? THIS IS A DRILL.

12:33 p.m. THIS IS A DRILL. I heard an employee was killed during the accident at Farley. My daughter works there. Can you tell me who was killed? THIS IS A DRILL.

12:35 p.m. THIS IS A DRILL. Is radiation leaking out of the plant? What about my life? Am I going to die? THIS IS A DRILL.

(NOTE: You may be referred to Alabama Department of Public Health for answer to the above question. If so, ask for the phone number, but DO NOT call agency.)

12:38 p.m. THIS IS A DRILL. What's wrong with all of your equipment? If it wasn't already broken, it's breaking down now when you need it. Don't you maintain your equipment? THIS IS A DRILL.

12:40 p.m. THIS IS A DRILL. Help! My radio is going off. What should I do? Where do I go? What do I take with me? THIS IS A DRILL.

(NOTE: You may be referred to Alabama or Houston County Emergency Management Agencies for answer to the above question. If so, ask for the phone number, but DO NOT call agency.)

12:45 p.m.	THIS IS A DRILL. I forgot my medicine when I was leaving my house. The deputy blocking the road won't let me go back. I must have that medicine. What can I do? THIS IS A DRILL.
12:50 p.m.	THIS IS A DRILL. Will you go to my house and check it for radiation before I go back? THIS IS A DRILL.
12:55 p.m.	THIS IS A DRILL. Where's the mushroom cloud now? Will the fallout destroy my house? THIS IS A DRILL
1:00 p.m.	THIS IS A DRILL. My 14-year-old son is at my home. He doesn't answer the phone. I'm unsure if he's heard the radio go off and that he needs to evacuate. He can't drive. Help me! THIS IS A DRILL.
1:05 p.m.	THIS IS A DRILL. Should I turn my heat off? If I don't, will it pull radiation into my house? THIS IS A DRILL.
1:08 p.m.	THIS IS A DRILL. Have you released employees to go home? (Wait for answer, which will probably be that employees have not been sent home.) My husband needs his medicine. Can I bring it to him? If not, can you send someone to get it for him? THIS IS A DRILL.
1:10 p.m.	THIS IS A DRILL. I heard you had a press conference a few minutes ago. I did not hear it on TV. What did they say? Did they say there was any danger to the public? THIS IS A DRILL.
1:13 p.m.	THIS IS A DRILL. I have a pacemaker. Will this radiation you are releasing cause any problems? I always see signs that people with pacemakers should not go near a microwave. Don't they have radiation? THIS IS A DRILL.
1:15 p.m.	THIS IS A DRILL. What in the heck happened at that nuclear plant? Were the operators drunk or on drugs? How do you know? Are you testing operators for drugs or alcohol today? THIS IS A DRILL.
1:18 p.m.	THIS IS A DRILL. I heard you were having a meltdown. What about all those poor people in China you will kill when you melt the Earth all the way through? THIS IS A DRILL.
1:20 p.m.	THIS IS A DRILL. Is there still a leak of radiation from the plant? Wouldn't it stop if you shut the plant down? THIS IS A DRILL.
1:23 p.m.	THIS IS A DRILL. This is Ralph Nader in Washington. Will you commit to closing the plant to protect the public from future danger? THIS IS A DRILL.
1:25 p.m.	THIS IS A DRILL. Will your release of radiation kill all the pretty deer on your plant site? (If you are referred to Public Health, insist that you want information about the plant site.) THIS IS A DRILL.
1:30 p.m.	THIS IS A DRILL. I heard your plant is leaking radiation. I thought it was leak-tight. THIS IS A DRILL.

1993 Public Information Scenario

EVENT: Public Inquiry/Rumor Control - Visitors Center

MESSAGE FOR: Farley Visitors Center

PHONE NUMBER: 205/899-6666

CONTROLLER GUIDANCE:

Begin and end each message with: "THIS IS A DRILL."

SCENARIO TIME:	MESSAGES:
8:15 a.m.	THIS IS A DRILL. I heard you have had an accident at the plant. What's going on? THIS IS A DRILL.
8:30 a.m.	THIS IS A DRILL. I need help figuring out which zone I live in. I live in Blakely, GA. THIS IS A DRILL.
9:00 a.m.	THIS IS A DRILL. I heard you have had an accident at the nuclear plant and that there was a leak. Should I leave my home now? THIS IS A DRILL.
10:00 a.m.	THIS IS A DRILL. A friend who lives near the plant said there's all kinds of sirens going off at the plant. What's going on? Do I need to leave my home? THIS IS A DRILL.
10:25 a.m.	THIS IS A DRILL. My radio you gave me seems to be broken. Can you send someone out here with another one so I can hear what I need to do during this emergency? THIS IS A DRILL.
10:55 a.m.	THIS IS A DRILL. I live near the plant and just woke up and heard about all the problems you're having. What's going on? The radio said you're releasing radiation and that you almost killed one of your employees. What should I do? THIS IS A DRILL.

1993 Public Information Scenario

EVENT: Public Inquiry/Rumor Control/Media Relations - Visitors Center

MESSAGE FOR: Farley Visitors Center

PHONE NUMBER: 1-800-344-8295

CONTROLLER GUIDANCE:

Begin and end each message with: "THIS IS A DRILL."

NOTE: If you cannot get through on this line or get a recording, call 205/899-5156 and repeat question to plant operator.

SCENARIO TIME:	MESSAGES:
8:30 a.m.	THIS IS A DRILL. This is the principal at Northview High School. I heard about the problem at the plant. Will you be coming out to use the band rooms at the high school? THIS IS A DRILL.
10:00 a.m.	THIS IS A DRILL. My radio that you gave me isn't working. Should I leave now? Can you bring me a new radio so I'll know what to do? THIS IS A DRILL.

1993 Public Information Scenario

EVENT: Political Liaison/Governmental Relations

MESSAGE FOR: Political Liaison

PHONE NUMBER: 250-2600 AND 8-287-5405

CONTROLLER GUIDANCE:

Make same calls to each number.

Begin and end each message with: "THIS IS A DRILL."

SCENARIO TIME:	MESSAGES:
8:20 a.m.	THIS IS A DRILL. This is Johnny Gunter, the mayor of Ashford. I heard there's been an accident at the nuclear plant. What's happening. (Wait for answer.) What should I tell residents to do, leave? THIS IS A DRILL.
9:00 a.m.	THIS IS A DRILL. This is Robert Crowder, chairman of the Houston County Commission. What in the world is going on at that plant of yours? The news said you left the door to containment open. I knew you didn't know what you were doing. THIS IS A DRILL.
9:45 a.m.	THIS IS A DRILL. This is Sen. Heflin's office in Washington. The senator wants to know what is going on at the nuclear plant. Does he need to call the NRC for you? Do you want him to come down for press conferences? THIS IS A DRILL.
10:00 a.m.	THIS IS A DRILL. This is Melvin Books, the mayor of Columbia. I heard you have a coolant leak and that the reactor core is now uncovered. Is anyone hurt? Is a leak into the atmosphere probable? THIS IS A DRILL.
10:30 a.m.	THIS IS A DRILL. This is Johnny Gunter from Ashford again. I am hearing that you've got a leak and the core is uncovered. Are you leaking radiation? I also heard that you had an employee die from radiation exposure. Have you had any other injuries? THIS IS A DRILL.
11:00 a.m.	THIS IS A DRILL. This is state Rep. John Beasley. What is happening at the nuclear plant? Has everyone in the area been evacuated? THIS IS A DRILL.

1993 Public Information Scenario

EVENT: Financial Response

MESSAGE FOR: Financial Response Officer

PHONE NUMBER: 250-2454 or 250-3425

CONTROLLER GUIDANCE:

Begin and end each message with: "THIS IS A DRILL."

SCENARIO TIME:	MESSAGES:
9:00 a.m.	THIS IS A DRILL. I am a preferred stockholder. I heard about an accident at your nuclear plant. Do you think the stock will drop as a result? Should I sell all my stock right now? THIS IS A DRILL.
9:30 a.m.	THIS IS A DRILL. This is Sally Smith at the Wall Street Journal. Do you have any insurance on the plant for the type of emergency that happened today? What about insurance for damage to people's homes? What about out of pocket expenses if they are evacuated? What about loss of crops and livestock? THIS IS A DRILL.
9:45 a.m.	THIS IS A DRILL. This is Bob Fish from the Journal of Commerce. Will you have to close the plant? If so, do you have funds set aside to pay for shutting it down? How much? What if you don't have enough? THIS IS A DRILL.
10:00 a.m.	THIS IS A DRILL. I just had the highest power bill I've ever had this past summer. Will our bills go up even higher now? THIS IS A DRILL.
10:25 a.m.	THIS IS A DRILL. I'm a Southern Company stockholder. Will the accident at Farley affect the price of Southern Company stock? Do you think it will cause it to drop? With all the problems at the plant, I wouldn't be surprised if it were worthless. THIS IS A DRILL.
11:00 a.m.	THIS IS A DRILL. This is Tom Smooze with Merrill Lynch. I'm being bombarded with calls from clients who own shares of Southern Company and Alabama Power Company stock. What information can you give me? They're wanting to know if the stock is going to be worthless and whether or not to sell now. How is this emergency at your Plant Farley going to affect the stock? What liabilities does the company have? How much of it will be paid by stockholders? THIS IS A DRILL.
11:30 a.m.	THIS IS A DRILL. This is Joe Grey at Prudential-Bache. Will you need to sell bonds to get money to pay for the repairs to the plant? When do you think you will know? THIS IS A DRILL.
Noon	THIS IS A DRILL. I'm a Southern Company stockholder. Do you think this emergency at Farley Nuclear Plant will have an adverse affect on our stock? What's going on out there anyway? Any new developments? THIS IS A DRILL.

1993 Public Information Scenario

EVENT: Media Monitoring - Corporate

MESSAGE FOR: Corporate Media Monitoring staff

PHONE NUMBER: 250-1467; 250-1407; or 250-1476 (Master Control)

CONTROLLER GUIDANCE:

Begin and end each message with: "THIS IS A DRILL."

SCENARIO TIME:	MESSAGES:
8:05 a.m.	THIS IS A DRILL. Channel 13 reported that there was a problem at Farley Nuclear Plant when the Unit 2 airlock was damaged and would not provide containment integrity. THIS IS A DRILL.
8:50 a.m.	THIS IS A DRILL. Channel 6 reports that a major accident has occurred at Alabama Power's Farley Nuclear Plant near Dothan. Water that cools the reactor is leaking out and there is a danger of meltdown occurring. THIS IS A DRILL.
9:00 a.m.	THIS IS A DRILL. WZZK radio reports that a serious accident has occurred at Farley Nuclear Plant near Dothan. There is a large reactor coolant leak occurring at the plant. THIS IS A DRILL.
10:00 a.m.	THIS IS A DRILL. The Associated Press is attributing information to WTVY in Dothan that there is a reactor coolant leak at Farley Nuclear Plant and that the core is completely uncovered. THIS IS A DRILL.
10:45 a.m.	THIS IS A DRILL. CNN is reporting that the plant is releasing radiation into the atmosphere from the vent stacks. Also, an employee has died from exposure to lethal amounts of radiation. THIS IS A DRILL.

1993 Public Information Scenario

EVENT: Media Relations - News Media Center

MESSAGE FOR: News Media Center Media Relations representatives

PHONE NUMBER: 205/793-4321

CONTROLLER GUIDANCE:

Begin and end each message with: "THIS IS A DRILL."

SCENARIO TIME:	MESSAGES:
9:35 a.m.	THIS IS A DRILL. Steve Dorning here with CNN. I just heard that you've got a serious problem at your nuclear plant. What's going on? Are we about to have the American version of Chernobyl? What are you doing to protect the public? What about your employees? THIS IS A DRILL.
9:40 a.m.	THIS IS A DRILL. My name is Lois Hammer with WSFA-TV in Montgomery. I have a report from someone in your plant that half of your safety equipment was off line for repairs and that the other half is failing. Why weren't you prepared for this? Why didn't you shut down the plant if you had so many systems down for repair? THIS IS A DRILL.
9:45 a.m.	THIS IS A DRILL. This is Steve Dorning again with CNN. Now I'm hearing rumors of incompetence there at the plant. You knew you had safety equipment down for repairs and you knew that you couldn't operate the plant safely but you did it anyway. Now you've got an emergency at the plant and you'll probably kill everything for miles and miles around the plant. What are you going to do about this? THIS IS A DRILL.
9:48 a.m.	THIS IS A DRILL. This is Sam Spade with CBS-New York. I've been hearing about your problems at Plant Farley all day. Now I'm hearing that you're losing coolant too! Are you finally going to close down your nuclear plant? You plants in the South seem to be plagued with problems anyway. THIS IS A DRILL.
9:50 a.m.	THIS IS A DRILL. This is Billy Presley at the Dothan Eagle. A source of mine who's an employee at Farley Plant called and said that fuel damage was likely, the core was uncovered and that basically the plant was out of control. How did you let this happen? Doesn't this mean that a meltdown has begun? THIS IS A DRILL.
9:52 a.m.	THIS IS A DRILL. This is David Gayle at WOOF radio. I heard your accident has just gotten much worse. What's happening? THIS IS A DRILL.
9:54 a.m.	THIS IS A DRILL. This is Steve Summers of the Los Angeles Times. I understand that you have a major leak in coolant. How are you going to keep the core cool? What's going to happen next? Are we going to have the destruction that resulted from Chernobyl? Are you going to compensate everyone for their losses? THIS IS A DRILL.

9:56 a.m. THIS IS A DRILL. This is Alan Square of the Atlanta Journal. What county is the plant in? Has the governor ordered evacuation of county yet? Where will all of the people go? Is this the worst accident at your nuclear power plant? THIS IS A DRILL.

9:58 a.m. THIS IS A DRILL. This is Billy Presley at the Dothan Eagle. We have received calls from people near the plant who are hearing sirens coming from it. What's happened now? Is it getting worse? What are the sirens for? Are these evacuation sirens? THIS IS A DRILL.

10:00 a.m. THIS IS A DRILL. This is Cal Cooley at WBRC. Has the NRC been notified of accident? Have they taken over the plant? Have they pulled your license as a result of this accident? How can I get in touch with the NRC. Are they in Washington? THIS IS A DRILL.

10:05 a.m. THIS IS A DRILL. This is Ken Jackson at WMBB-TV in Panama City. What is being done to ensure the public is protected. Are you suggesting that people living near the plant evacuate? (If they tell you that you need to talk to the emergency management agency, ask ...) Don't you make recommendations to them? THIS IS A DRILL.

10:08 a.m. THIS IS A DRILL. This is Ella Fitzpatrick of WTVY-TV. What areas of the county have you evacuated? THIS IS A DRILL.

10:10 a.m. THIS IS A DRILL. I'm with WMBB-TV in Panama City. We're hearing that you have an emergency at Plant Farley. What's going on? I've also heard that your core is completely uncovered and totally out of control. Why hasn't the NRC stepped in since you aren't able to control your own plant? THIS IS A DRILL.

10:15 a.m. THIS IS A DRILL. This is Steve Dorning with CNN again. I've been trying to get in touch with one of the emergency management agencies around the plant but I can't get an answer. Have they left? What's going on? THIS IS A DRILL.

10:20 a.m. THIS IS A DRILL. This is Scott Richards with WBRC-TV in Birmingham. I heard that you were having a news conference somewhere about the conditions at Plant Farley. Where is it? We want to attend. THIS IS A DRILL

10:23 a.m. THIS IS A DRILL. This is Andy Freeman at WBBK in Blakely, GA. My source tells me that you're losing coolant to the reactor core. What will happen now? Is the core melting through the floor? Shouldn't everyone in the county leave now? THIS IS A DRILL.

10:25 a.m. THIS IS A DRILL. This is Toni Childs with the Chicago Tribune. I'm doing a story on the accident at Plant Farley. I understand that it was caused by negligence ... that the plant management knew this could happen but they refused to take the plant off line. Can you give me some inside information. My editor has authorized me to offer $1000 for the story. THIS IS A DRILL.

10:28 a.m.	THIS IS A DRILL. This is Sally Butterworth at WESP radio in Dothan. I heard there are some injured workers being taken to a Dothan hospital. Which hospital? THIS IS A DRILL.
10:30 a.m.	THIS IS A DRILL. This is James Murphy with WKYY in New York. We've been following the story on your emergency at Plant Farley and we've just heard that you have an employee who was injured while trying to fix some broken equipment. We understand that he was exposed to lethal amounts of radiation. Are you planning on providing for his family for the rest of their lives? Do you plan to send other employees in to fix the equipment? THIS IS A DRILL.
10:33 a.m.	THIS IS A DRILL. This is Patricia Dye of WULA radio in Eufaula. Have you gotten the problem fixed yet? Is this the first accident you've ever had? THIS IS A DRILL.
10:35 a.m.	THIS IS A DRILL. This is Barbie Boulder at Channel 42 in Birmingham. Can you explain what happens during a meltdown at a nuclear power plant? THIS IS A DRILL.
10:37 a.m.	THIS IS A DRILL. This is Christy Curly with WJHG-TV in Panama City. My source inside the plant that told me that you are leaking radiation into the atmosphere and that everything will be destroyed for hundreds of miles. I'm going live with this story in 5 minutes. Do you have any comments that you want me to include? THIS IS A DRILL.
10:40 a.m.	THIS IS A DRILL. This is Ray Active of WVTM. Is the reactor core covered with water or has it all leaked out? Can you pump in more water from the river or that big pond you have on the plant site? THIS IS A DRILL.
10:42 a.m.	THIS IS A DRILL. This is Tom Tidwell at WOOF radio. We just heard the report that you have an injured employee and that he was exposed to lethal amounts of radiation. My secretary's husband works there and she is upset. Can you tell me who was injured. She's desperate to know if it's her husband. THIS IS A DRILL.
10:45 a.m.	THIS IS A DRILL. This is Paul Harvey. Update me on the coolant leak. How did the leak begin? What is the source of the leak? Can it be stopped? THIS IS A DRILL.
10:50 a.m.	THIS IS A DRILL. This is Billy Presley at the Dothan Eagle. I have a report that radiation is leaking in the plant. I need to confirm this. I have a deadline in 15 minutes. THIS IS A DRILL.
10:55 a.m.	THIS IS A DRILL. This is Keith James with WOOF-AM/FM. I heard that you are leaking radiation into the atmosphere. What's this going to do to the countryside? What about livestock? THIS IS A DRILL.
11:00 a.m.	THIS IS A DRILL. This is Jody Harris of the Atlanta Constitution. Is the core melting? Haven't you lost the coolant? How much risk is the public in right now? Will residents around the plant see their hair fall out? THIS IS A DRILL.

11:05 a.m. THIS IS A DRILL. This is Sherry Allen of the Mobile Press Register. Have you lost all cooling water for the reactor? Where does the water go? How can you keep the core cool with no cooling water? THIS IS A DRILL.

11:05 a.m. THIS IS A DRILL. This is Allen Taylor of the Pensacola News Journal. What does this coolant water do ... how does it keep core cool? Is is like a radiator or something? (Wait for answer.) Isn't the plant shut down? Then losing coolant water won't matter, right? THIS IS A DRILL.

11:10 a.m. THIS IS A DRILL. This is Sharon McConnell of the Huntsville Times. Is radiation leaking out of the plant? You've got a leak of radioactive water inside the plant, right? What's keeping this radiation inside the plant? THIS IS A DRILL.

11:15 a.m. THIS IS A DRILL. This is John Puckett of the Associated Press. Have plant employees been evacuated? Isn't the plant filled with radiation from all of the leaks? Aren't employees at serious risk? In fact, haven't you already had one employee die from exposure to radiation? THIS IS A DRILL.

11:20 a.m. THIS IS A DRILL. This is Etowah Smith of Mutual Radio in Washington. I understand you have had a major pipe break and there may not be any cooling water left in the core. Isn't this how a meltdown begins? What do you think is going to happen? THIS IS A DRILL.

11:25 a.m. THIS IS A DRILL. This is Ellen Morrison of the LA Times. What is a "General Emergency?" Exactly what happened at the plant for this emergency level to be declared? THIS IS A DRILL.

11:30 a.m. THIS IS A DRILL. This is Mary Hughes of the Montgomery Advertiser. What happens when there's a meltdown? I've never been around one before. THIS IS A DRILL.

11:35 a.m. THIS IS A DRILL. This is Carol Mitchell at the U.S. Council for Energy Awareness (a pro-nuclear power group) in Washington. Ralph Nader is blasting you and nuclear power and I would like some information to use to blast back. What can you tell me about things going on down there? THIS IS A DRILL.

11:40 a.m. THIS IS A DRILL. This is Jim Garrison of NBC radio. What are you doing for cooling water for the reactor? How are you cooling the core? THIS IS A DRILL.

11:43 a.m. THIS IS A DRILL. This is Louis Pierce at WDHN-TV in Dothan. Update me on the coolant leak. Have you been able to stop the leak yet? Have you determined the source yet? THIS IS A DRILL.

11:45 a.m. THIS IS A DRILL. This is David Gayle at WOOF radio. Was today's accident caused by any sort of operator error? Have you tested the operators for drugs or alcohol? What about a lack of maintenance? THIS IS A DRILL.

11:50 a.m. THIS IS A DRILL. This is Tyler Hayes of the Tampa Tribune. With the loss of this unit, you will have to burn more coal to make up for the loss of generation. How much more pollution -- sulfur dioxide, carbon dioxide and nitrous oxide -- will you pump into the air as a result of this? THIS IS A DRILL.

11:55 a.m. THIS IS A DRILL. This is Jenny Davis at the Birmingham Post-Herald. Does this accident have anything to do with the need to replace the steam generators that was reported last year? THIS IS A DRILL.

11:55 a.m. THIS IS A DRILL. This is Joan Horton of the Headland Observer. There is a leak of reactor coolant, right? Have you run out of water to keep the core cool? Where have you been getting water to replace the coolant which leaked out? What happened to the coolant that leaked out? Where did it go? THIS IS A DRILL.

Noon THIS IS A DRILL. This is Andy Freeman at WKKB in Blakely. Is the core melting? Haven't you lost the coolant? How much risk is the public in right now? Will residents around the plant see their hair fall out? THIS IS A DRILL.

12:05 p.m. THIS IS A DRILL. This is David Bluejay at the Associated Press. I am going to the plant to take photos. Please have an escort meet me at the plant gate. Now, where is the entrance? THIS IS A DRILL.

12:10 p.m. THIS IS A DRILL. This is Graham Heath of the New York Times. Have you lost all cooling water for the reactor? How can you keep the core cool with no cooling water? THIS IS A DRILL.

12:15 a.m. THIS IS A DRILL. This is Al Harris at the Tallahassee Tribune. What in the world will you do with all of that radioactive water that has leaked out? Can you just re-use it? THIS IS A DRILL.

12:15 p.m. THIS IS A DRILL. This is Susan Elsie at WKMX in Enterprise. Have plant employees been evacuated? Aren't employees at serious risk? THIS IS A DRILL.

12:20 p.m. THIS IS A DRILL. This is Archie Royal of the Dothan Eagle. I have heard you have had major equipment problems, and if that weren't enough, there is no more cooling water left in the core. Has the core begun melting? THIS IS A DRILL.

12:25 p.m. THIS IS A DRILL. This is Sid Sutherland at WLWI radio. What happens to radiation in the atmosphere? Where does it go? Does it fall to the ground somewhere? THIS IS A DRILL.

12:30 p.m. THIS IS A DRILL. This is Bob Griffin at WJJN radio. Who will go out and determine whether homes, farmland and animals have been contaminated with radiation? Do they wear special clothing? How do you protect them? THIS IS A DRILL.

12:33 p.m. THIS IS A DRILL. This is Jeff Davis at AP. Do you know exactly where the radiation has gone? THIS IS A DRILL.

12:35 p.m.	THIS IS A DRILL. This is David Gayle at WOOF radio. About this radiation leak, what is leaking air, water, or what? Can you see radiation? THIS IS A DRILL.
12:40 p.m.	THIS IS A DRILL. This is Lori Nabors of the Dallas Times-Herald. I understand that radiation is leaking out of the plant. I thought the plant was leak-tight. THIS IS A DRILL.
12:45 p.m.	THIS IS A DRILL. This is Gary Davis of CNN. Is the other unit running. (If told yes, ask:) Aren't you running the risk of another major accident over in that unit? THIS IS A DRILL.
12:50 p.m.	THIS IS A DRILL. This is Larry Welk of the Daily Planet in Dothan. Can workers repair the problem without exposing themselves to radiation? THIS IS A DRILL.
12:55 p.m.	THIS IS A DRILL. This is Billy Presley at the Dothan Eagle. Have any plant workers been exposed to radiation today? Will they die? THIS IS A DRILL.
1:00 p.m.	THIS IS A DRILL. This is Cal Cooley at WBRC-TV. Will radiation kill animals left in the area? Will farmers have to shoot their cows and horses? THIS IS A DRILL.
1:05 p.m.	THIS IS A DRILL. This is Debbie Williams at WTVY radio. Will you have to wait for all radiation to leak out of the plant before you can make repairs? THIS IS A DRILL.
1:10 p.m.	THIS IS A DRILL. This is Ellen Monroe of the Dothan Progress. How many people have been evacuated so far? Well, how many people live in the zones that have been evacuated? Do you anticipate further evacuations? THIS IS A DRILL.
1:15 p.m.	THIS IS A DRILL. This is Sally Butterworth at WESP radio. Which direction is the radiation blowing? THIS IS A DRILL.
1:20 p.m.	THIS IS A DRILL. This is Patricia Dye of WULA radio in Eufaula. You only take protective measures for people within 10 miles of the plant. But this radiation is likely to go far beyond that, isn't it? What about people outside of the 10-mile radius? THIS IS A DRILL.
1:25 p.m.	THIS IS A DRILL. This is Vance Garrett of the St. Petersburg Times. Have any workers been injured today? Does this include those exposed to radiation? THIS IS A DRILL.
1:30 p.m.	THIS IS A DRILL. This is Sheila Evans of WXIA in Atlanta. How likely are members of the public to develop cancer from today's accident? THIS IS A DRILL.
1:30 p.m.	THIS IS A DRILL. This is Ken Jackson of WMBB-TV in Panama City. I heard people were fishing on the Chattahoochee River. Did you go tell them to get out of the river? THIS IS A DRILL.
1:35 p.m.	THIS IS A DRILL. This is Greg Barry of NBC News. Is the plant salvageable? THIS IS A DRILL.

1:40 p.m. THIS IS A DRILL. This is Elmer Fudd of the Tuscaloosa News. Do you have insurance to pay for the repairs or will ratepayers pay for them? THIS IS A DRILL.

1:45 p.m. THIS IS A DRILL. This is Harvey Copeland of the Gadsden Times. When the problem developed, how long did you continue to operate the plant? THIS IS A DRILL.

1:50 p.m. THIS IS A DRILL. This is Wilma Howton of the Birmingham News. How many people have died in nuclear accidents in the world? How about in the United States? Who can I call to get this information? THIS IS A DRILL.

1993 Public Information Scenario

EVENT: Media Monitoring - News Media Center

MESSAGE FOR: NMC Media Monitoring staff

CONTROLLER GUIDANCE:

Begin and end each message with: "THIS IS A DRILL."

SCENARIO TIME:	MESSAGES:
10:00 a.m.	THIS IS A DRILL. WDHN-TV is reporting that there is an accident at the Farley Nuclear Plant and that reactor coolant is leaking out. The core is quickly becoming uncovered and a meltdown is imminent.
10:45 a.m.	THIS IS A DRILL. WOOF radio is reporting that an employee who was sent in to repair inoperable equipment died from exposure to radiation. THIS IS A DRILL.
11:15 a.m.	THIS IS A DRILL. CBS is reporting that the third worst nuclear accident in the world is occurring near Dothan, Alabama. The reactor has lost coolant and the local government officials are preparing to evacuation thousands of residents. THIS IS A DRILL.
Noon	THIS IS A DRILL. Ralph Nader held a news conference in Washington criticizing Alabama Power, Southern Nuclear and the NRC for allowing the plant to operate unsafely for years. The story is carried by all three TV networks, CNN and the Associated Press.

1993 Public Information Scenario

EVENT: News Conferences - News Media Center

MESSAGE FOR: Utility and Agency Spokesmen

CONTROLLER GUIDANCE:

Anticipated time of news conference: 10:00 a.m. Some of these questions are based on events that should occur by 10:00 a.m. If news conference is held before then, carefully review questions asking specifics about problems with plant systems before asking them.

Reporters may also develop their own questions from the information provided by the utility and agency spokesmen.

Questions for Mock Media/Reporters

First News Conference

- Can things get any worse?

- You have a leak of the Residual Heat Removal System? What is that system? What does it do? What is the source and cause of the leak?

- How much radiation is leaking out of the plant?

- You have a leak in the Reactor Coolant System and in the Residual Heat Removal System. How are you cooling the core? Isn't the Residual Heat Removal System a back-up system for the Reactor Coolant System?

- How long before you lose all cooling water? How much water is in the system?

- How are you replacing the water that is leaking out? Where's this water coming from? Where does it goes once it leaks out?

- How long will this emergency supply of water last? Will you run out?

- I understand that the core is quickly becoming uncovered. What will happen when it is completely uncovered?

- You've had a number of leaks and equipment failures today. You must have poor equipment in the plant. Don't you inspect them?

- Explain what the deal is between Alabama Power and Southern Nuclear. It sounds like a good way for you to pass the buck to the other so that no one's ever at fault. Who's actually in charge of the plant?

- Has any damage occurred to the fuel? (If spokesman says yes, ask:) I guess this means a meltdown as begun. How can this be stopped?

- Isn't the Reactor Coolant System under extreme pressure? When the loss of coolant accident occurred, didn't this increase pressure in the containment building? What can this additional pressure do to the containment building?

- (If spokesman mentioned equipment failing, ask:) This sounds like poor maintenance. Don't you regularly check your equipment?

- Wasn't some equipment off-line for repair before any of this ever happened today? Shouldn't you have shut down the plant until you had the proper safety equipment to prevent accidents such as this?

- (If spokesman does not mention equipment failure, ask:) Was the accident today caused by any equipment failure?

- (If Site Area Emergency has been declared, ask:) Did you evacuate your employees at that point? If not, don't you think they are at risk?

- How much radiation are workers being exposed to? Will it kill them? How much exposure to radiation do you allow each employee to receive? What are the levels allowed by the NRC? What are the levels allowed at Plant Farley?

- Where's all the water from these leaks going? Is it radioactive?

- How do you notify hunters and fishermen of an emergency? I know that fishermen like to fish in the river right next to the plant. Will you bring them in with your employees to protect them?

- What's being done to repair the problem?

- Is the plant still running? Did you shut it down at the first indication of trouble? (If spokesman indicates the operators gradually shut the unit down when problems started, ask:) Wouldn't you have avoided all of these leaks and radiation problems if you had shut the plant down immediately? Can't you push one button and stop the plant?

- What is the population in the area near the plant?

- What's being done to ensure the public is protected? Are evacuations occurring?

- Are plant workers being exposed to radiation? If so, what are the dosages? Isn't that dangerous for your employees?

- If someone is exposed to radiation during today's accident -- a plant worker or the public -- how long will it likely take for them to develop cancer?

- How many female employees do you have working at the plant? How many are on your team of emergency workers handling the emergency? What if they are exposed to radiation? Will this affect their future children?

- Who's in charge of the emergency? Who's running the plant?

- I want to go out to the plant and get some background footage and an interview with whoever is in control of this emergency. Can you make arrangements for my cameraman and myself to go out there?

- Southern Company stock has been doing real well lately. How do you think this emergency will affect the price of your stock?

- Who's going to have to pay for all the damage and repairs to the plant? Will Alabama Power's customers foot the bill or maybe the stock holders?

- Who's going to compensate those whose property values crash as a result of this emergency?

- How will you ensure that everyone gets out if there is an evacuation order? How do you know if everyone leaves? What happens if someone refuses to leave?

- I understand that Alabama Power and Southern Nuclear are both downsizing. Do you think that the problems at the plant today could have been avoided if you had had the additional staff or if you had kept some of your more experienced staff?

CONTROLLER MESSAGE

A few minutes after the news conference ends, 3 or 4 "reporters" need to separately ask a Media Relations Representative to get a spokesman to either: (a) review some diagrams with you to better explain the technical aspects of the emergency, or (b) do a live interview. If you don't have your interview within about 5 or 10 minutes, ask again. **Be very persistent.**

1993 Public Information Scenario

EVENT: News Conference - News Media Center

MESSAGE FOR: Utility and Agency Spokesmen

CONTROLLER GUIDANCE:

Anticipated time of news conference: 11:00 a.m. Some of these questions are based on events that should occur by 10:45 a.m. If news conference is held before then, carefully review questions asking specifics about problems with plant systems before asking them.

If any more news conferences are held, utilize questions not asked in previous news conferences, and possibly develop questions from information provided by spokesmen.

Questions for Mock Media/Reporters

Second News Conference

(Spokesman should explain that a General Emergency has been declared.)

- I have a source that told me you sent an employee in to repair some inoperable equipment and exposed him to lethal amounts of radiation. Can you give us his name and has his family been notified yet? Do you plan to send in other employees?
- How much radiation is being released? (If spokesman says he doesn't know, ask him why he's doesn't know and when he will. If he does tell you how much, how many millirems, ask him to explain what a millirem is. Put it in terms that everyone can understand.)
- What should people do?
- When will the radiation cloud cover Dothan?
- What will happen to crops and animals?
- What kind of barriers are in place -- and obviously failed -- to prevent radiation from leaking out of the plant?
- You have three barriers against release of radiation? Shouldn't there be more? If there had been more barriers, couldn't this accident have been avoided?
- How can you possibly stop the death and destruction of southeast Alabama now that you're releasing radiation?
- What can possibly be done to repair the accident now? If you send workers in there to try and stop the radiation leak, you'll kill them, won't you?
- If there are fishermen out on the river. How do you communicate to them that there is an emergency? What do you do to protect them?

- Three Mile Island resulted in a number of deaths from cancer caused by the release of radiation. What are your predictions on the number of people in Houston County who will die from this major accident? (NOTE: TMI did not cause cancer deaths, but try to trap spokesman.)

- How soon will radiation reach Columbia and other populated areas? Is the city of Dothan in any danger?

- How are you keeping the core cool? How much water is left in your emergency water tanks? (If told re-circulating water in containment, ask:) Aren't you pumping hot water onto the reactor core? This won't cool it down. Won't you continue meltdown?

- Why didn't you evacuate people earlier? This delay will likely cause more fatalities among the public, and certainly more cases of cancer.

- If you have a leak from the reactor, then isn't containment now filled with radiation? Can you ever go back in it? How can you fix the leak if you can't go back in?

- Will you have to close the plant? Don't you think you should if for no other reason than to protect the public?

- How much will it cost to repair the plant? Does the utility have insurance to pay to repair the plant?

- Who will reimburse the public for their losses? There will be a loss in property values not to mention the out of pocket expenses while they are evacuated from their homes.

- What will happen to the businesses that can't operate because of your emergency? What about the people who lose pay because they can't work due to your emergency, or worse still, what about those people who lose their jobs? Who will compensate them?

- Why did Alabama Power build this plant? Didn't the company management know about how dangerous radiation is?

- Is the other unit still running?
  (If answer is yes, ask:) Are you checking the same equipment and problem areas in that unit to be sure the same thing doesn't happen in that unit and then we'd have twice the disaster on our hands?

- How many workers in the plant were exposed to radiation?

- Can workers repair the leaks in containment without exposing themselves to radiation?

- I understand this is the third worst nuclear accident in the world. Is that correct?

- Do you have to wait for all radiation to leak out of the plant before starting repairs to stop the leak?

- How many people have been evacuated?

- Do you have someone go house to house to check to see if everyone has left their homes? If so, won't they be exposed to radiation?

PLANT PARAMETERS

This section contains graphs for
all key operational parameters

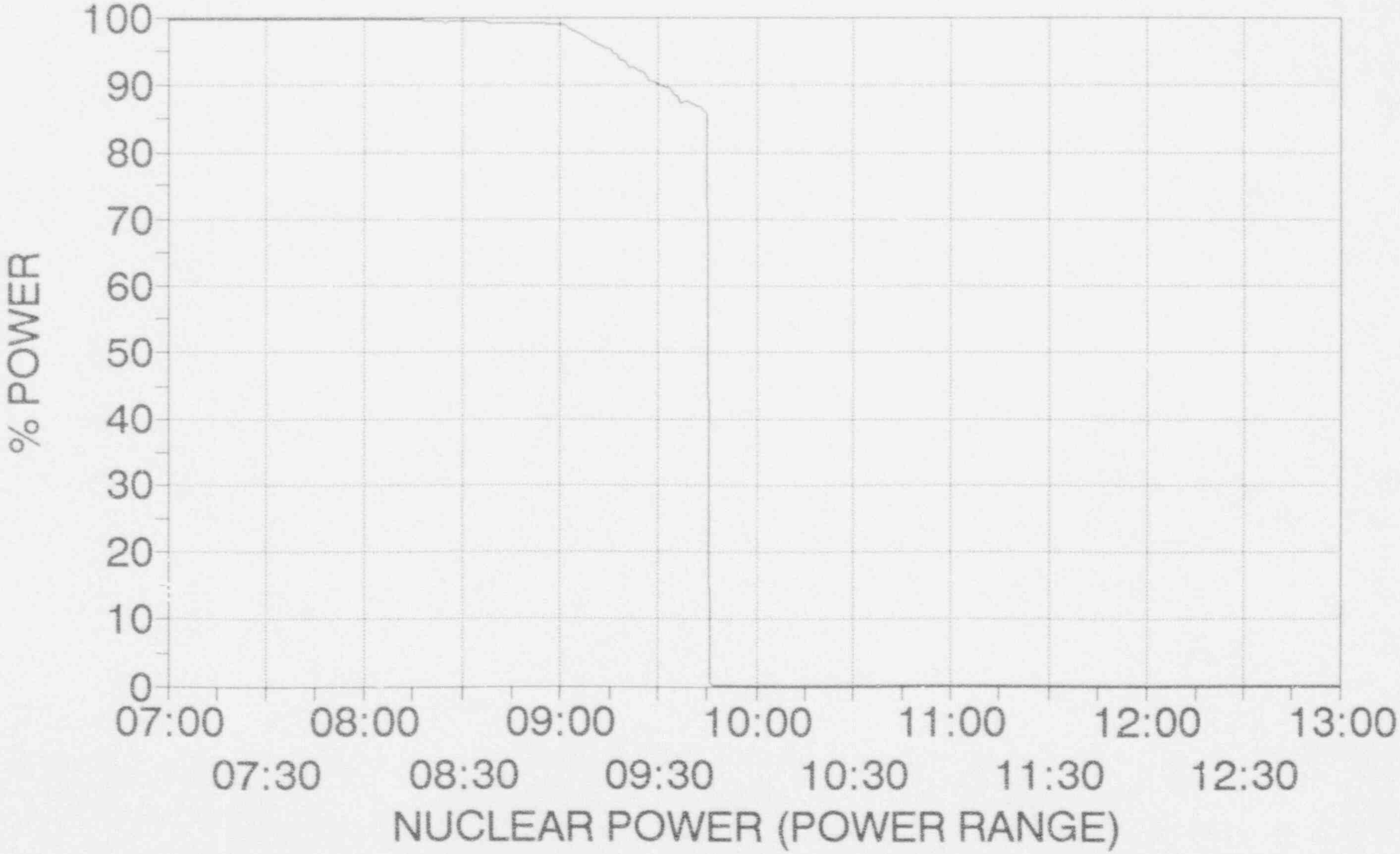
66

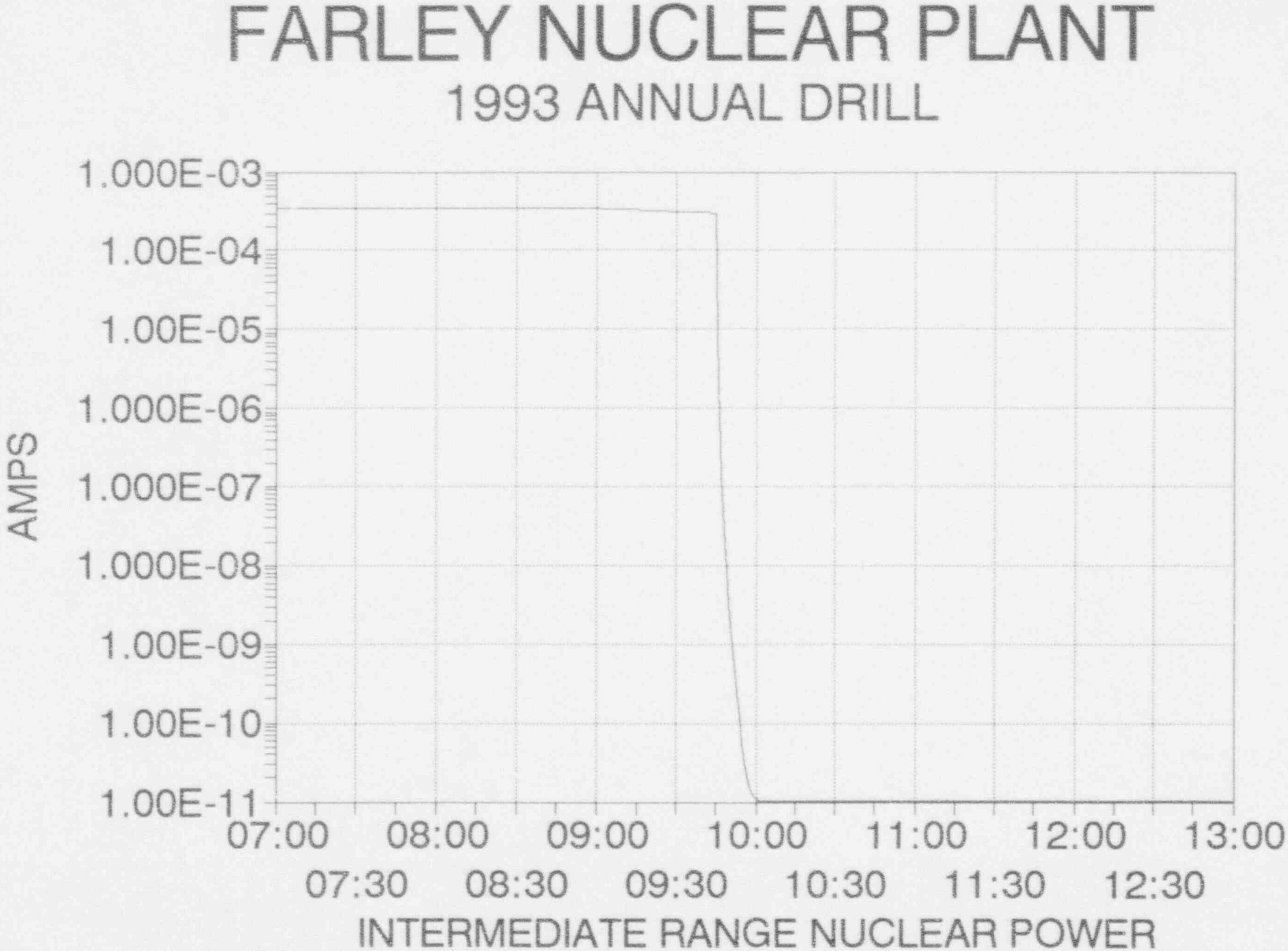
PLANT PARAMETER GRAPHs

TABLE OF CONTENTS

FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL

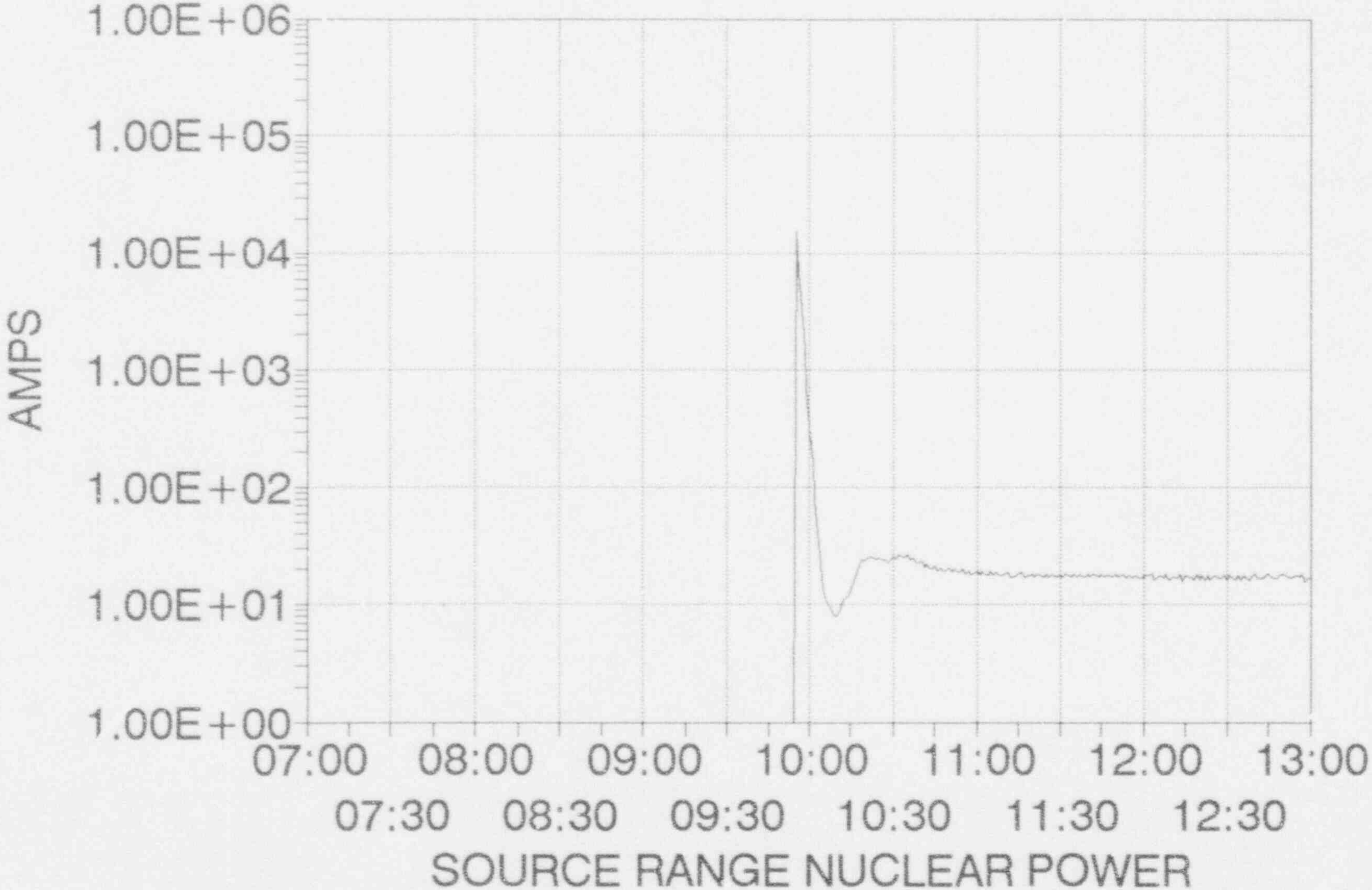



FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL
AMPS
1.000E-03
1.00E-04
1.00E-05
1.000E-06
1.000E-07
1.000E-08
1.00E-09
1.00E-10
1.00E-11
07:00
08:00
09:00
10:00
11:00
12:00
13:00
07:30
08:30
09:30
10:30
11:30
12:30
INTERMEDIATE RANGE NUCLEAR POWER

69

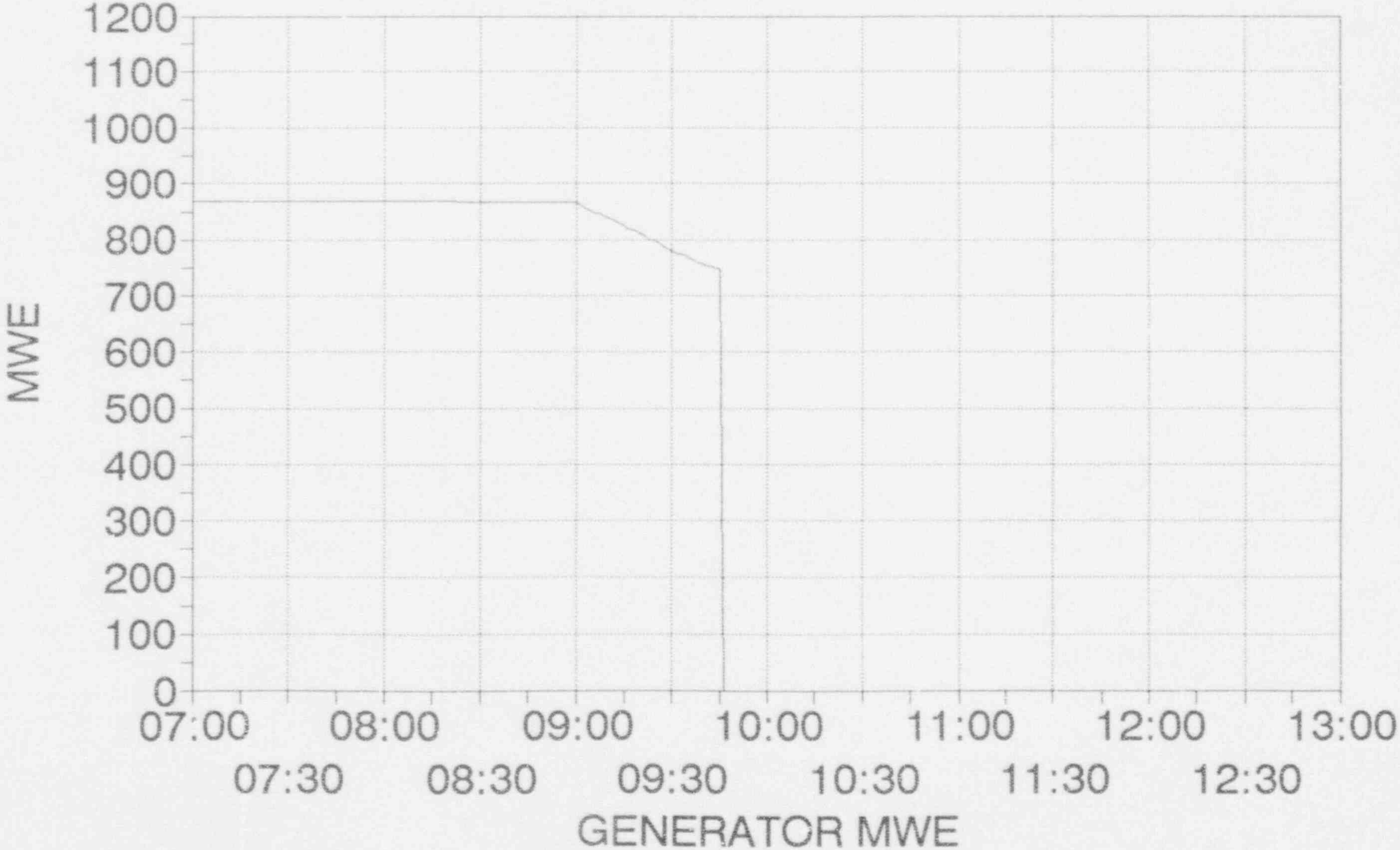
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



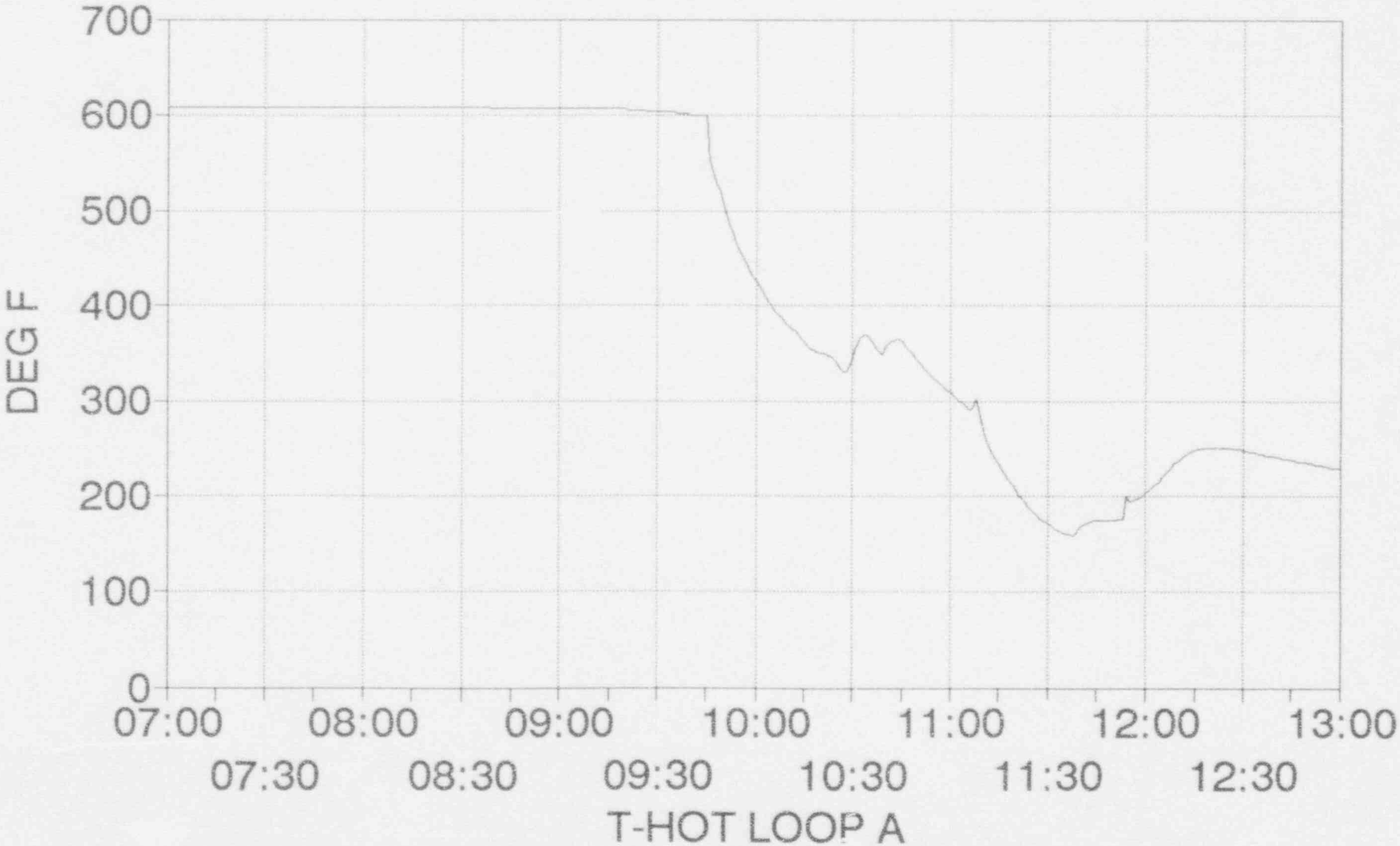
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



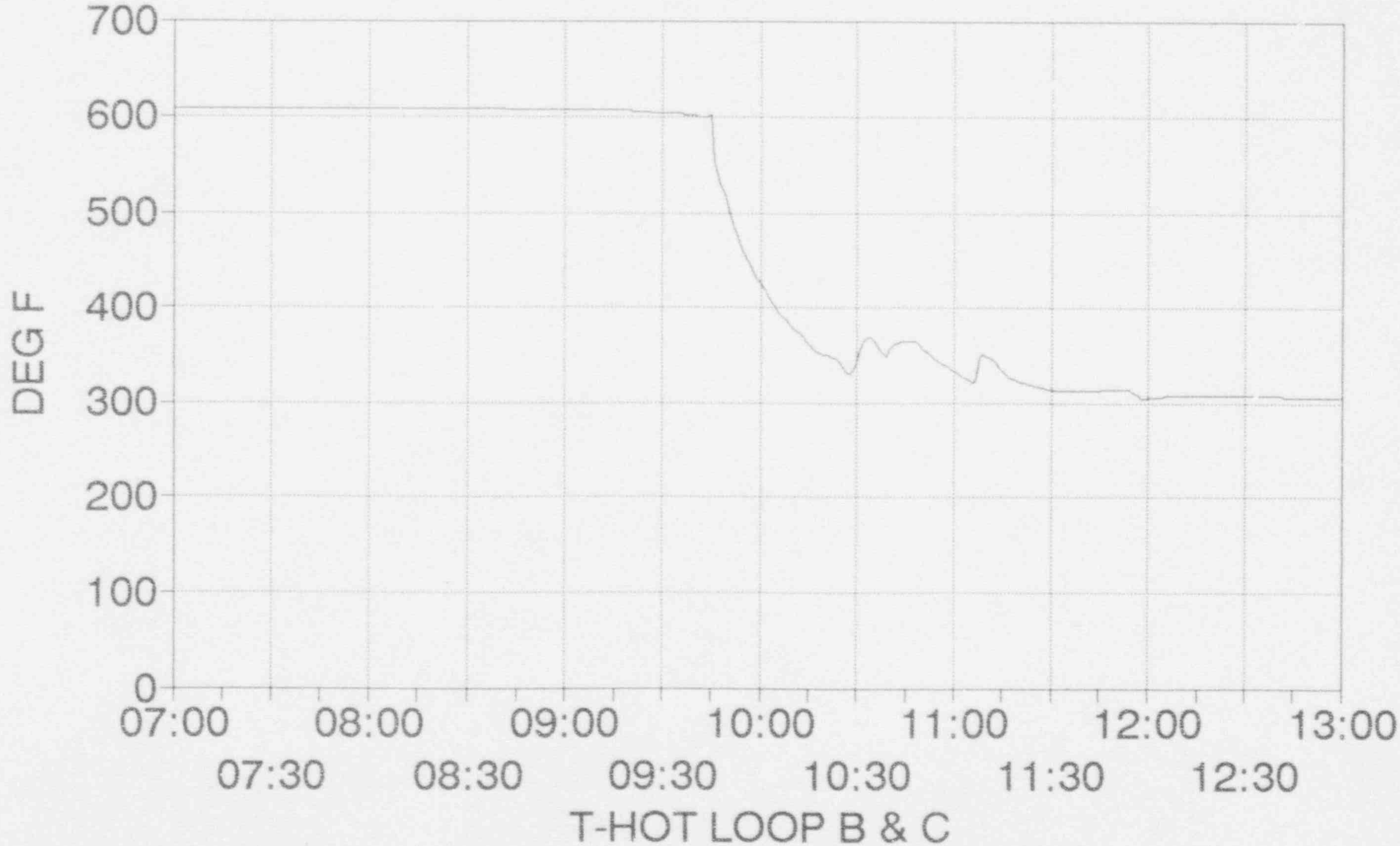
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



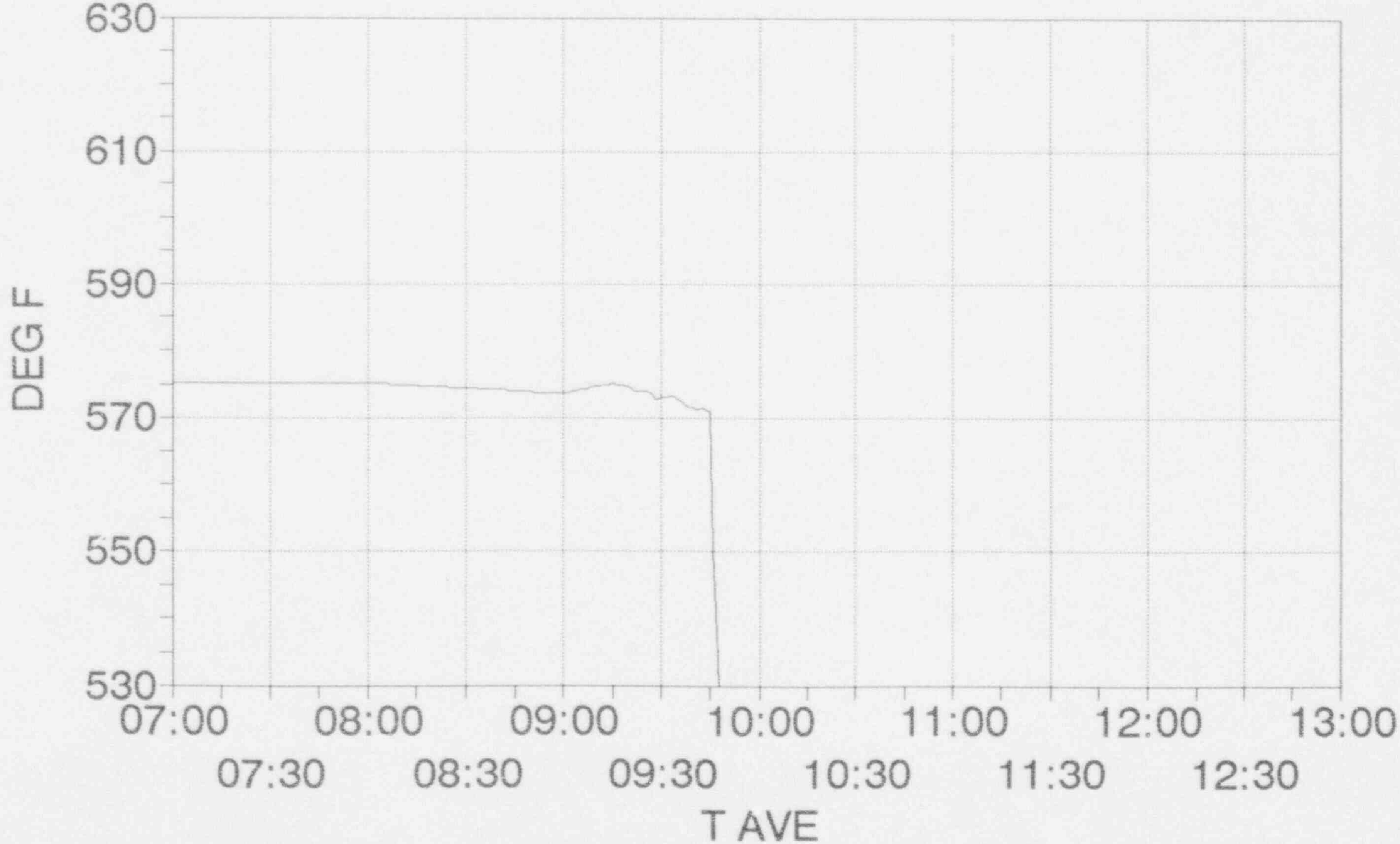
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



FARLEY NUCLEAR PLANT

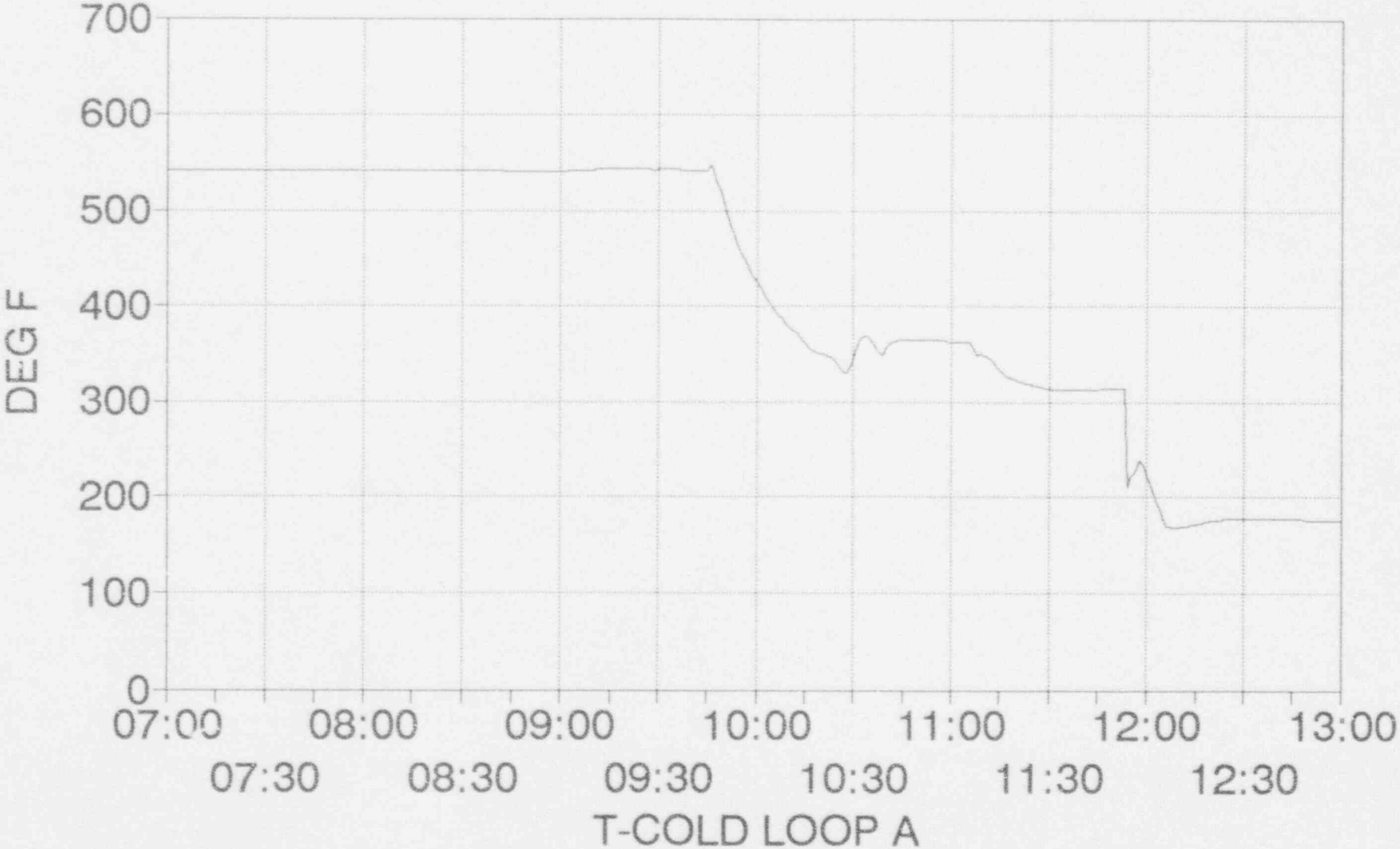
1993 ANNUAL DRILL



74

FARLEY NUCLEAR PLANT

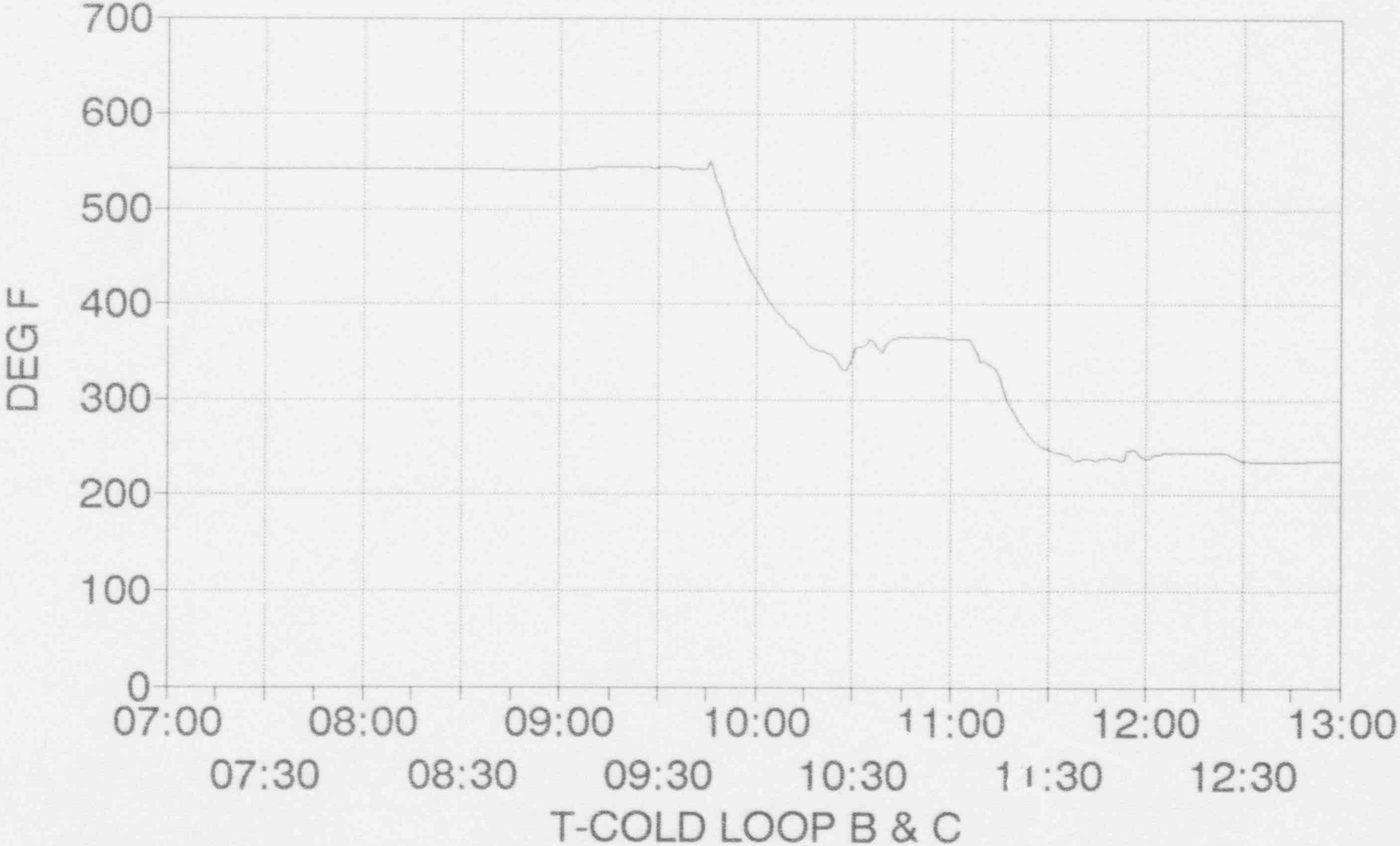
1993 ANNUAL DRILL

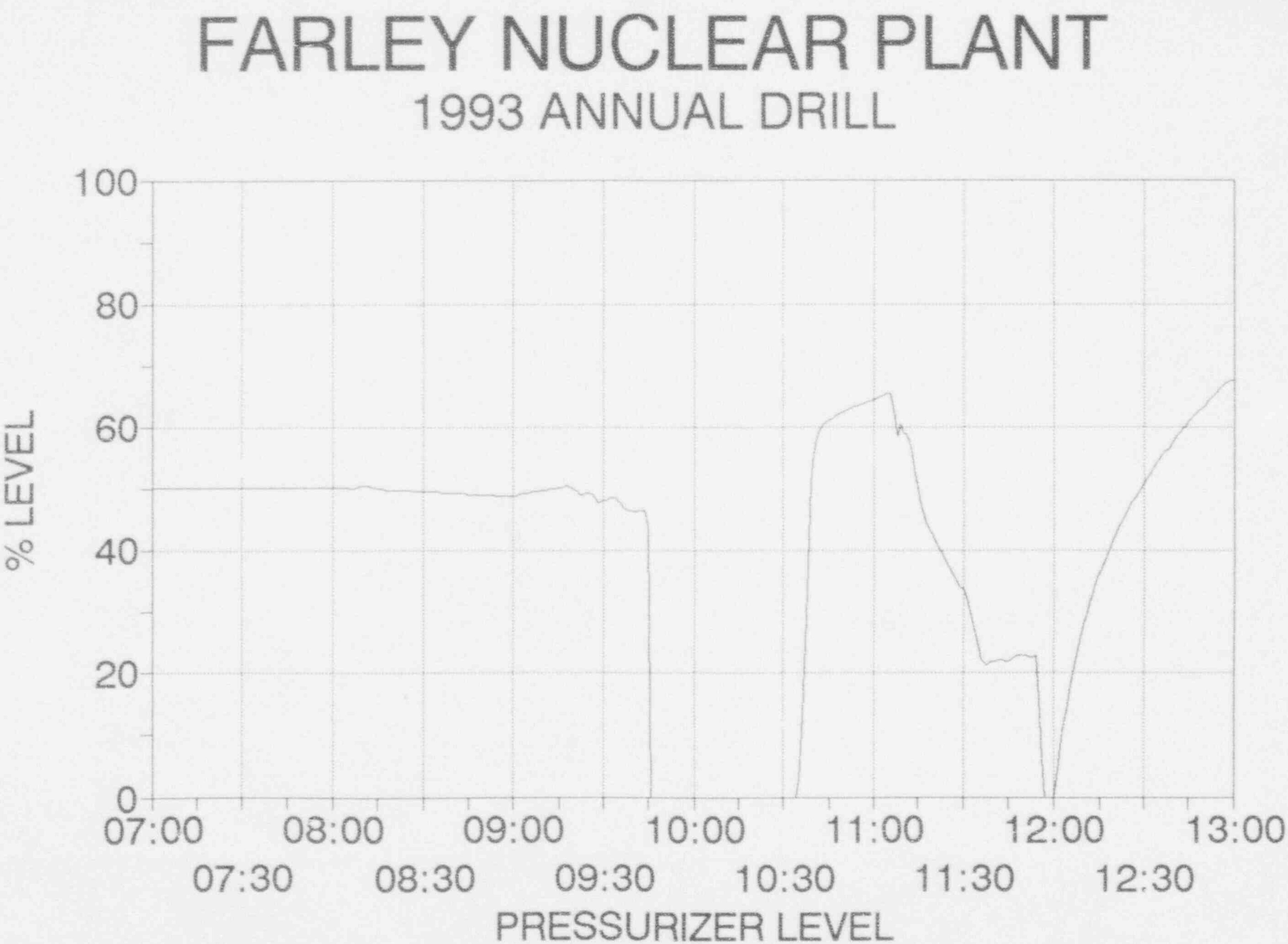


75

FARLEY NUCLEAR PLANT

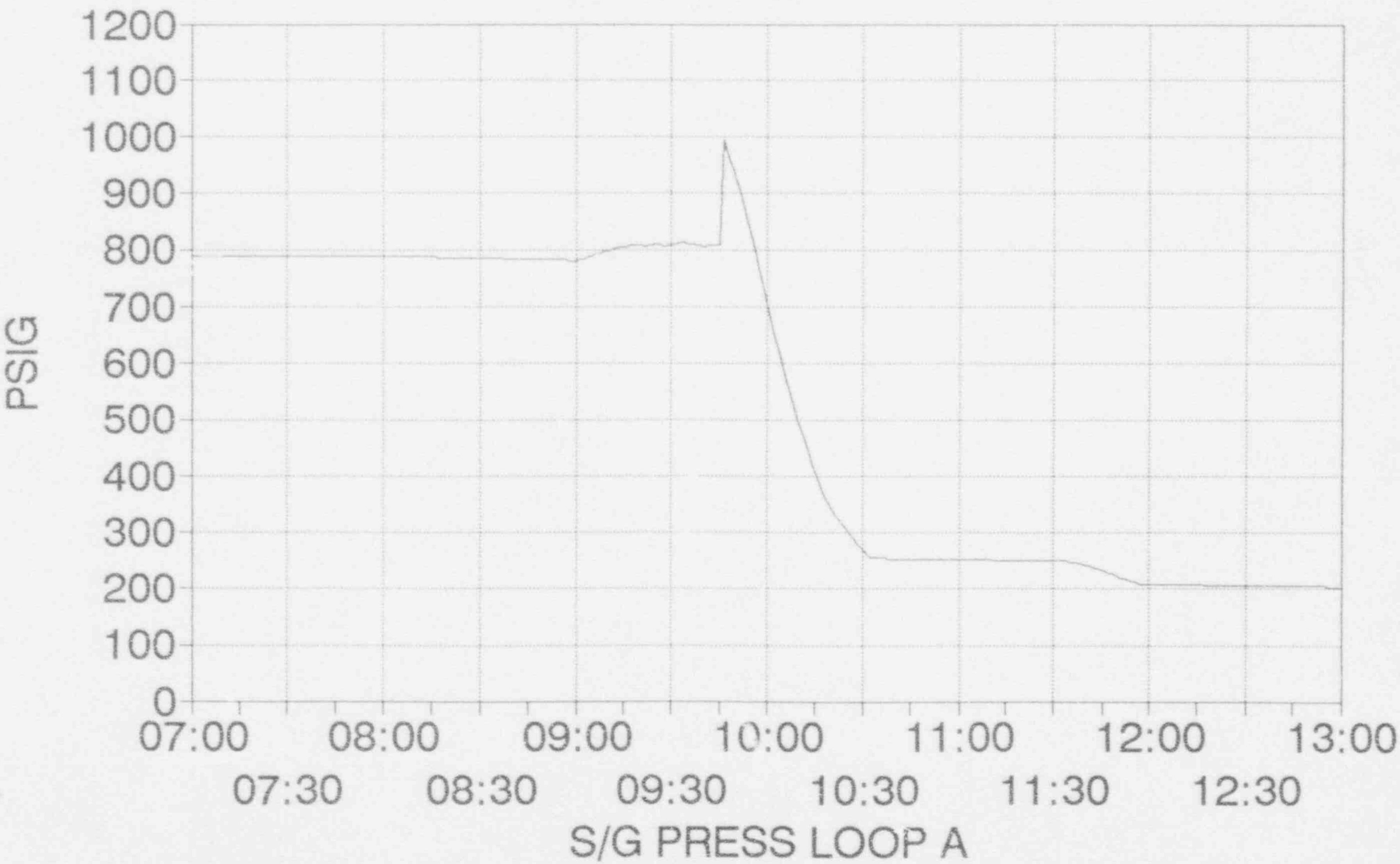
1993 ANNUAL DRILL




FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL
100
80
60
40
20
0
% LEVEL
07:00
08:00
09:00
10:00
11:00
12:00
13:00
07:30
08:30
09:30
10:30
11:30
12:30
PRESSURIZER LEVEL

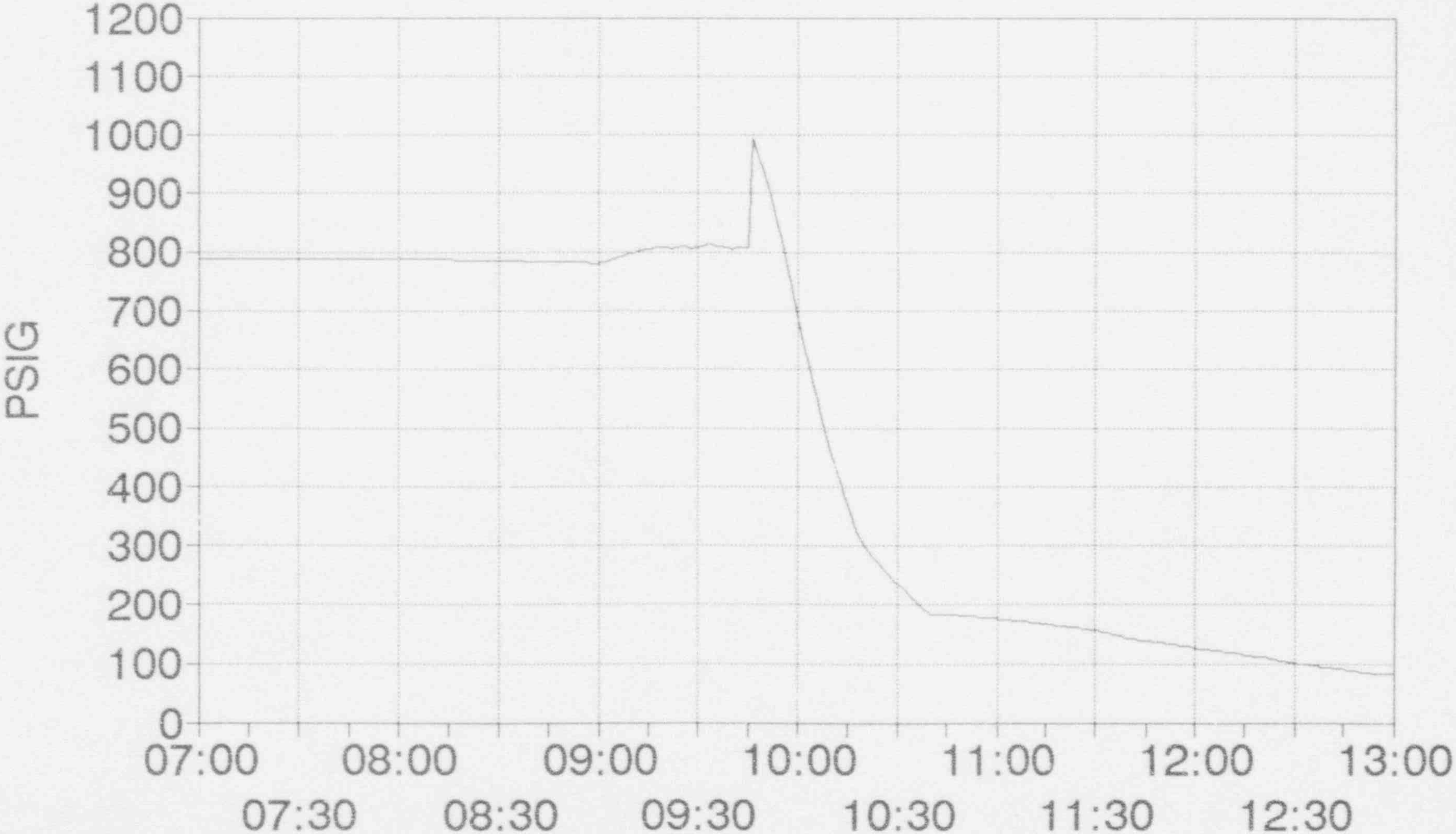
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



FARLEY NUCLEAR PLANT

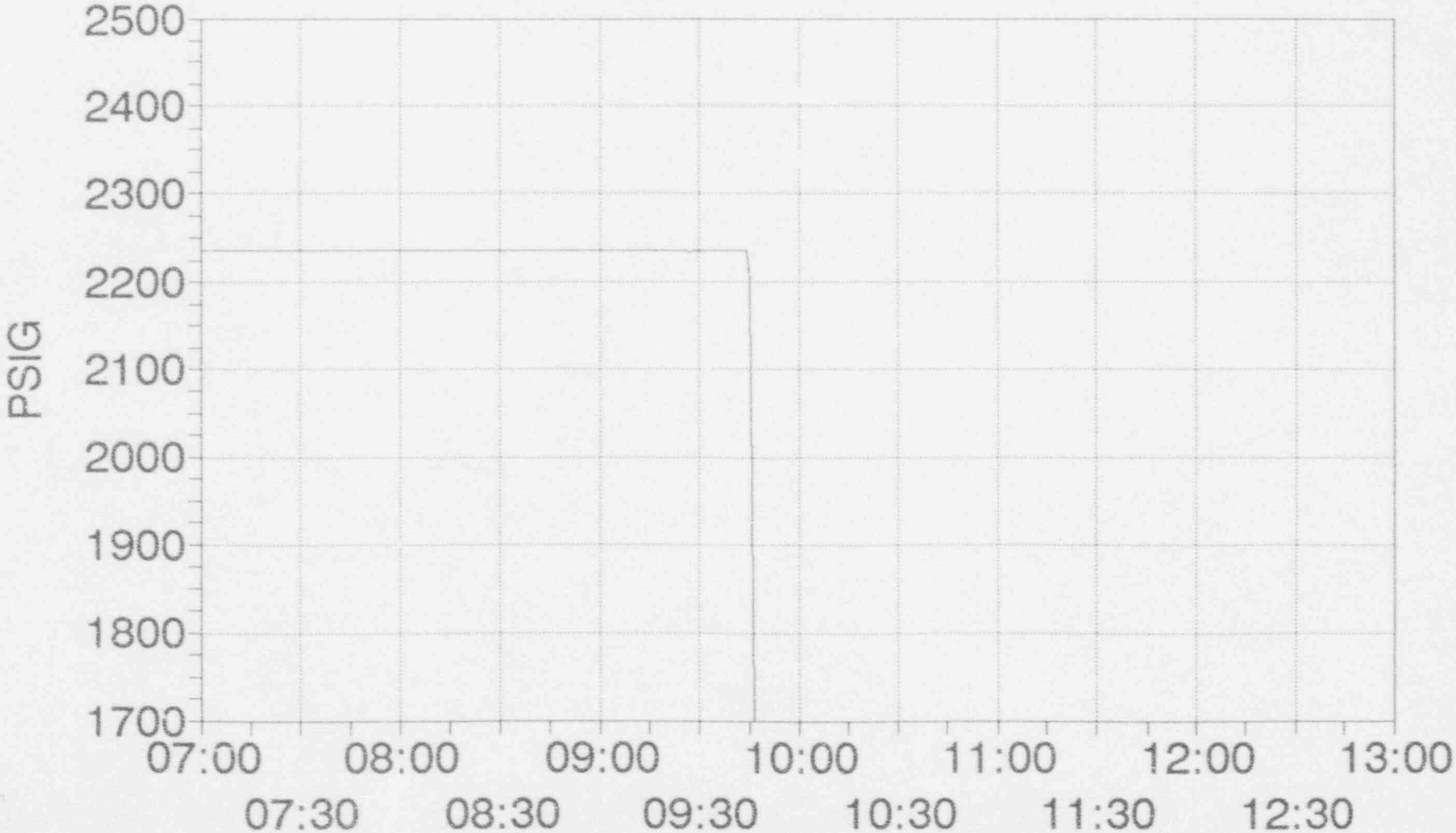
1993 ANNUAL DRILL



S/G PRESS LOOP B & C

FARLEY NUCLEAR PLANT

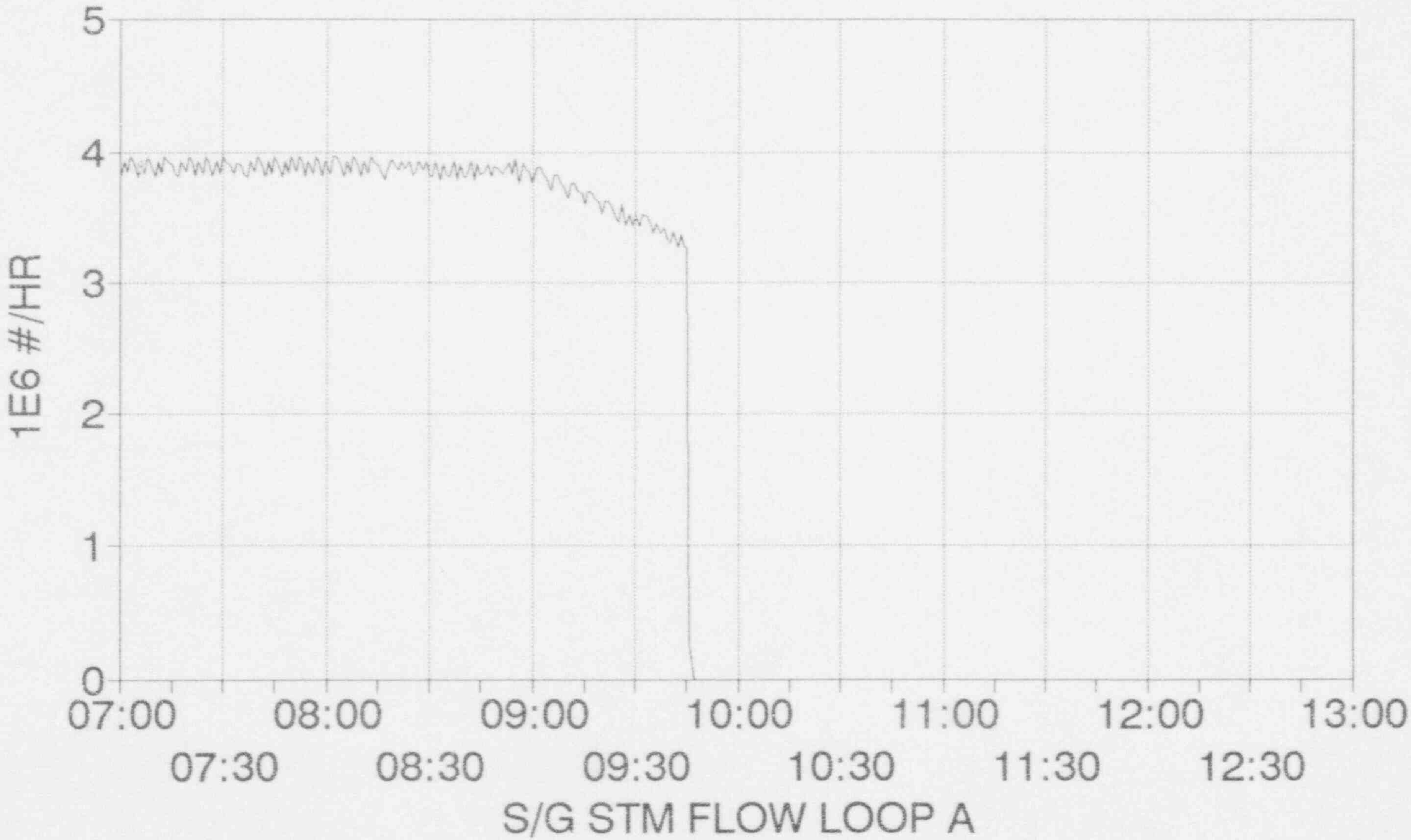
1993 ANNUAL DRILL



PRESSURIZER PRESSURE

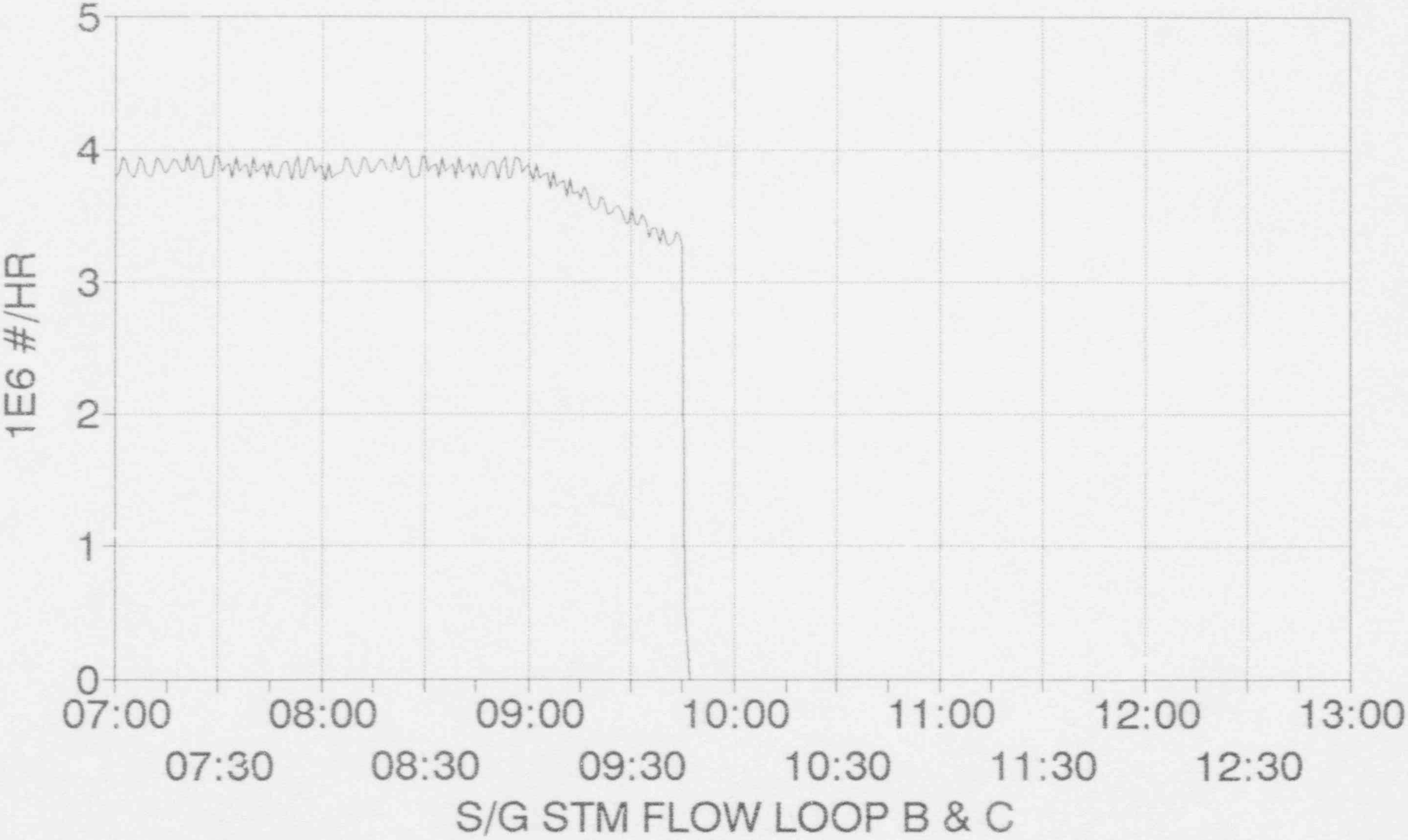
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL

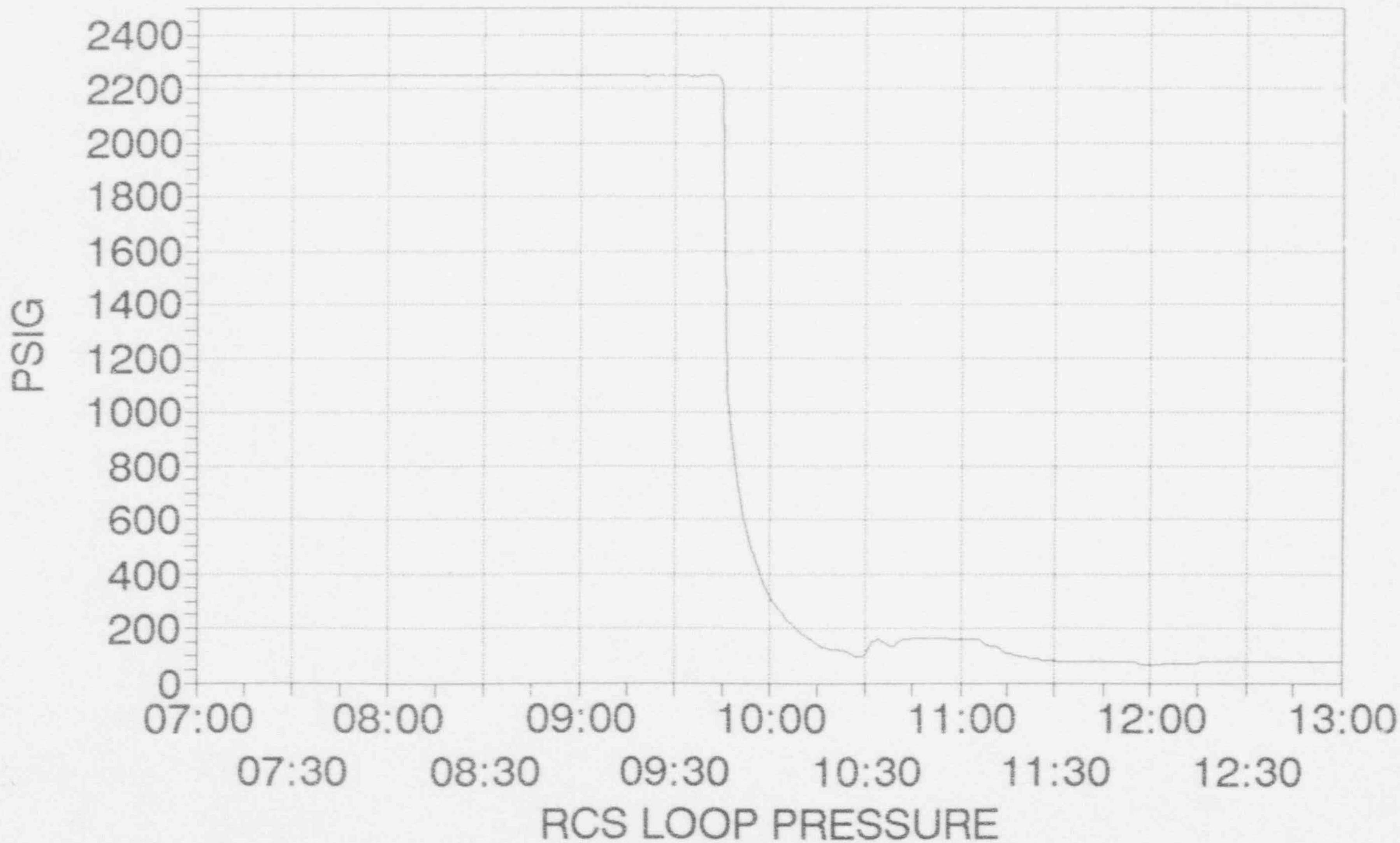


FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL

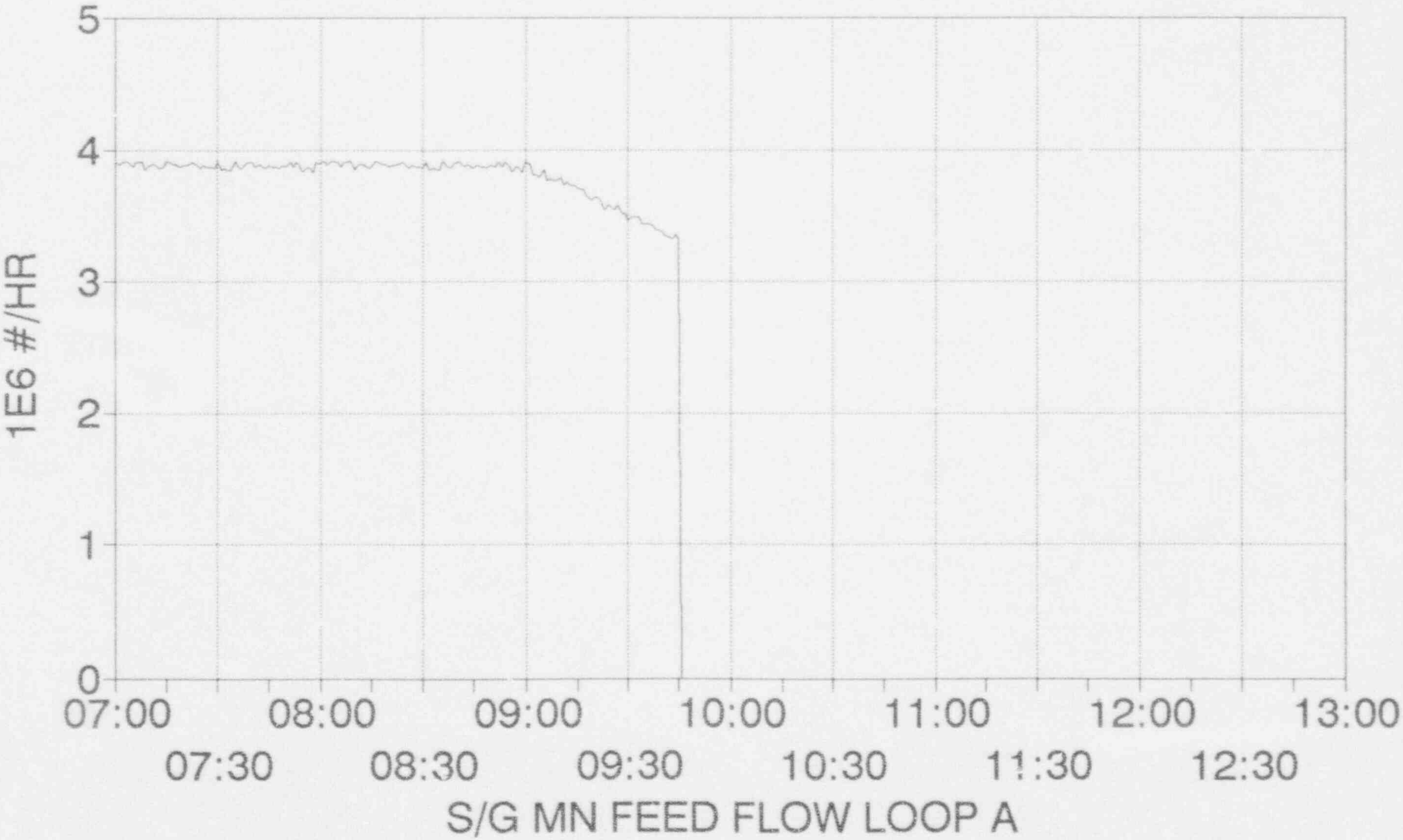


FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL



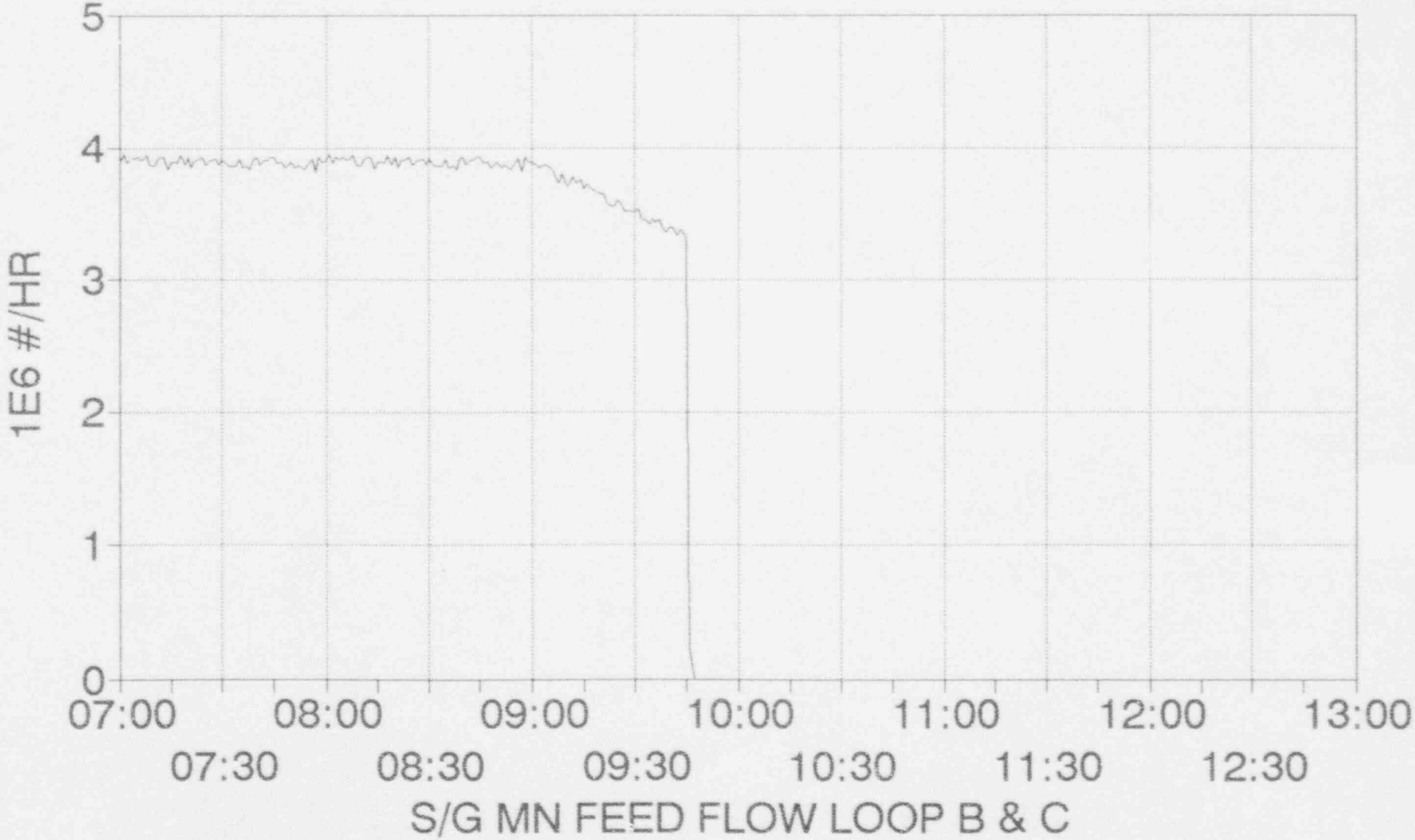
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



FARLEY NUCLEAR PLANT

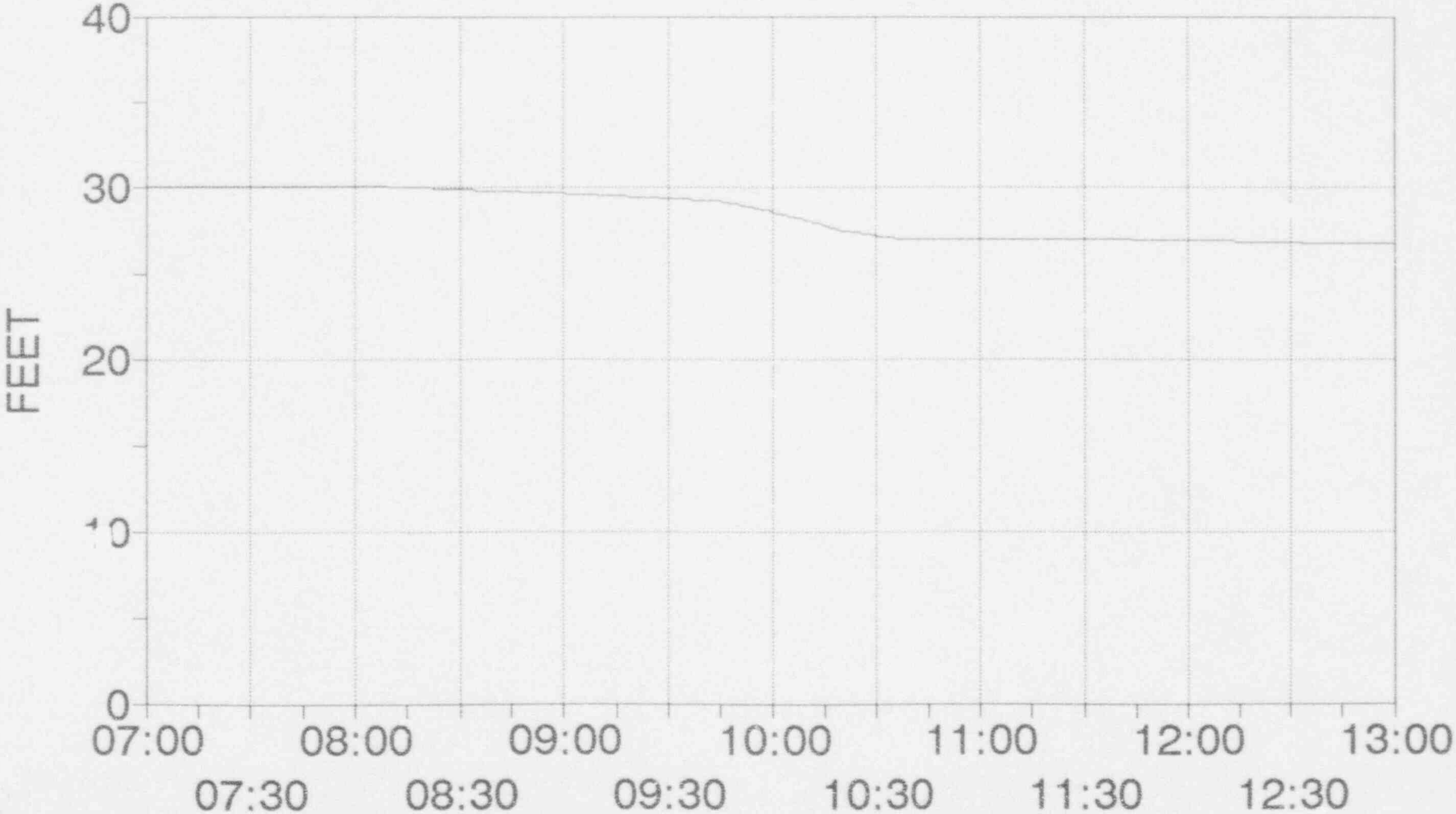
1993 ANNUAL DRILL



85

FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL

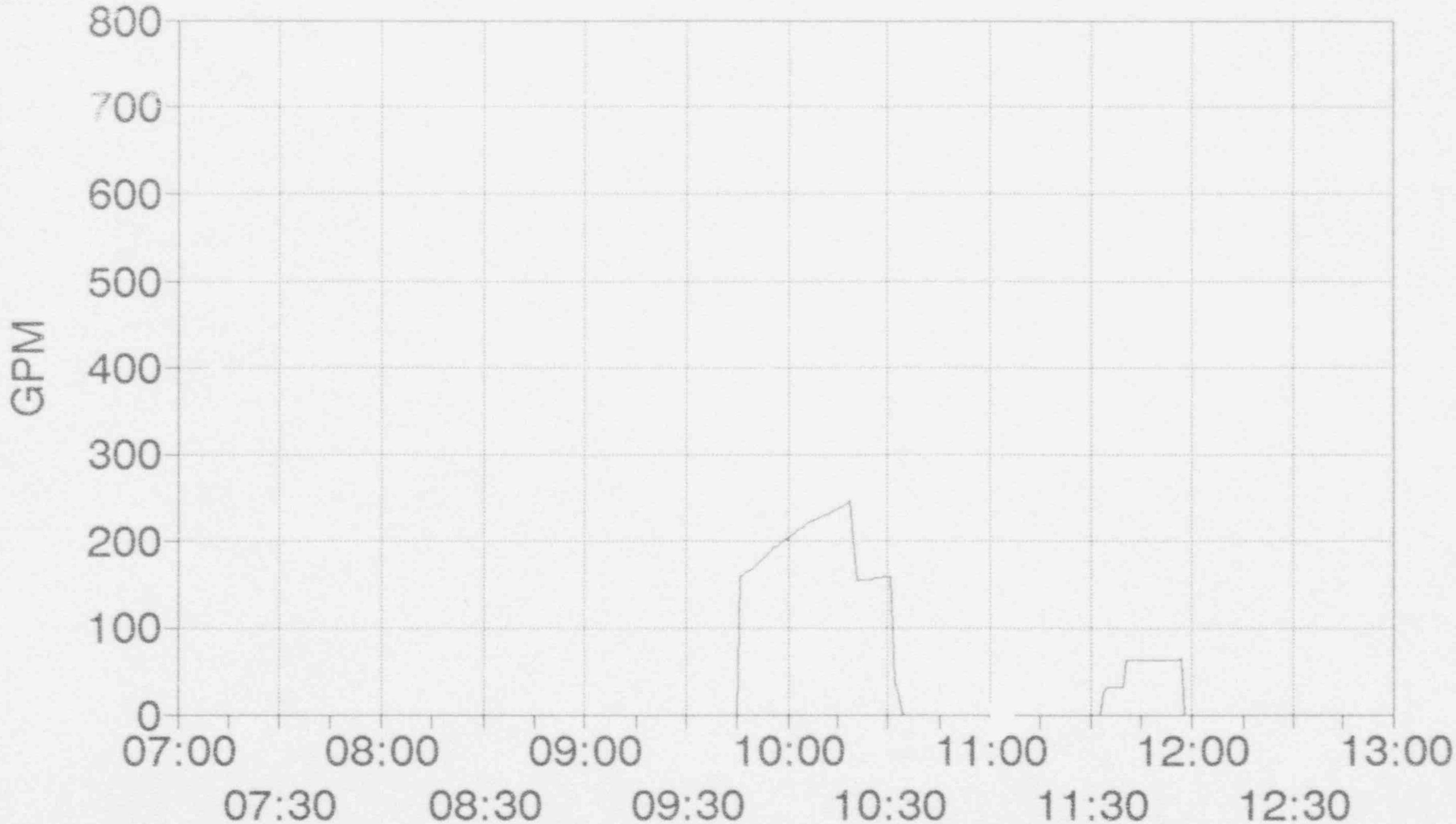


CONDENSATE STORAGE TANK LEVEL

98

FARLEY NUCLEAR PLANT

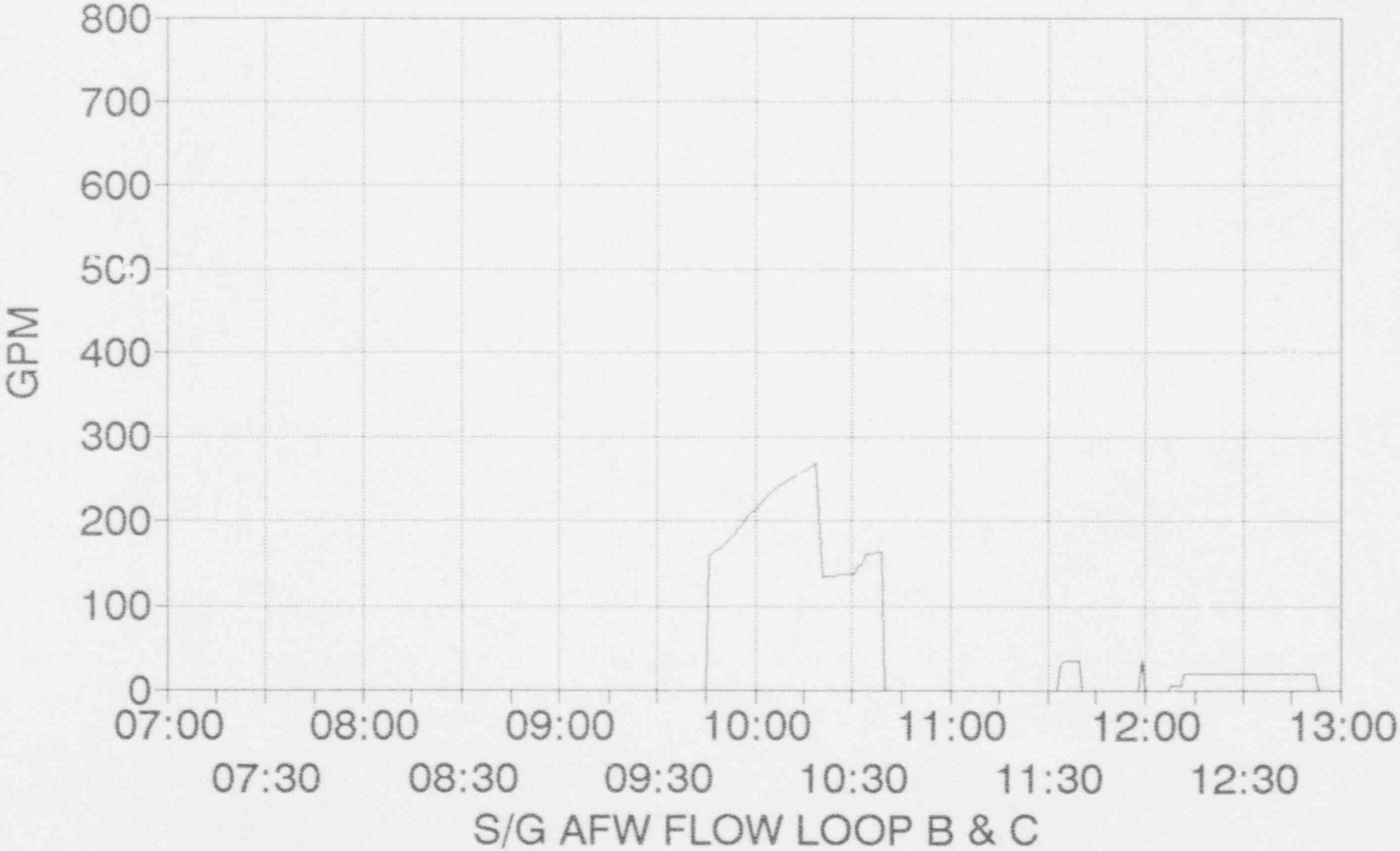
1993 ANNUAL DRILL



S/G AFW FLOW LOOP A

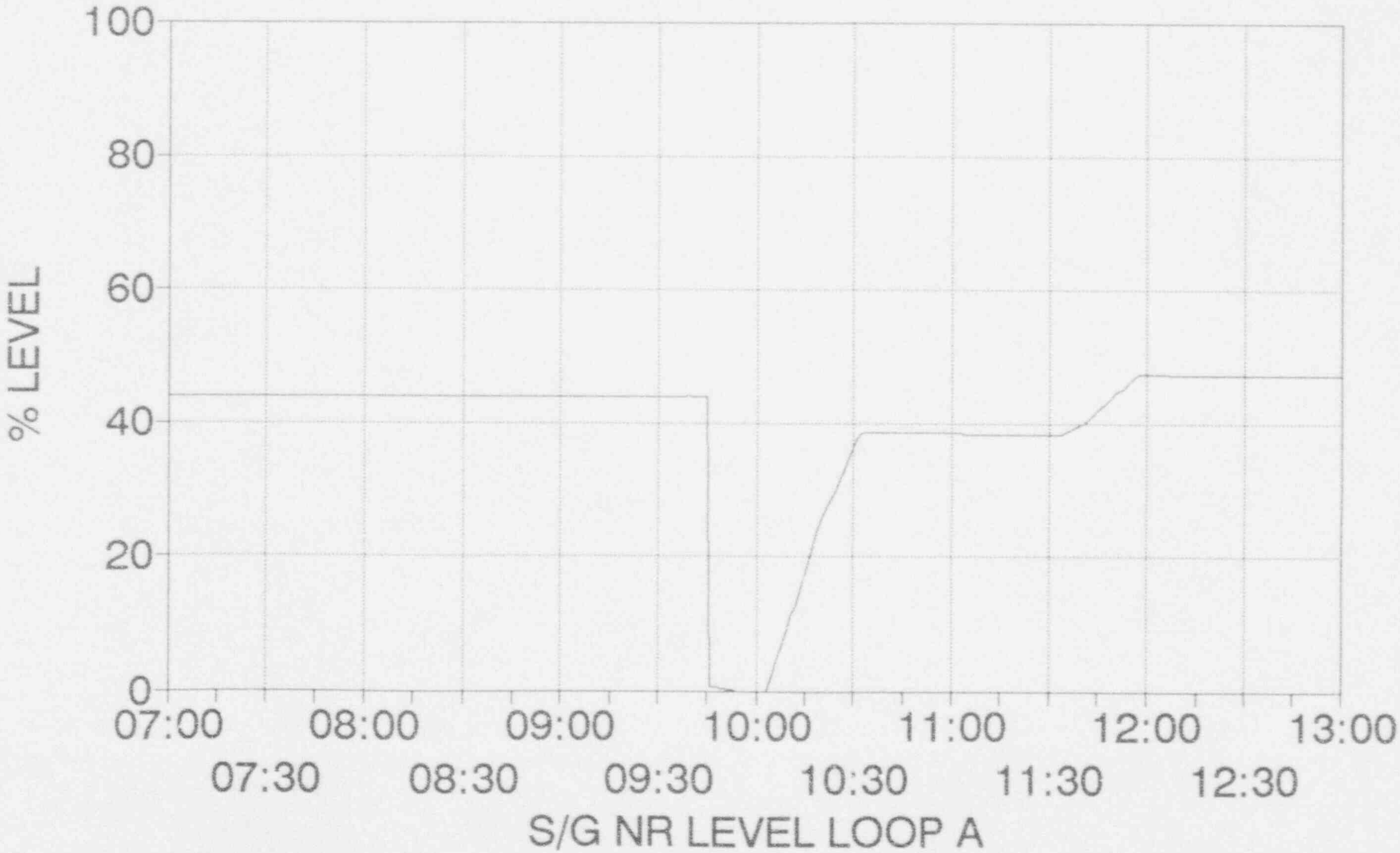
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



FARLEY NUCLEAR PLANT

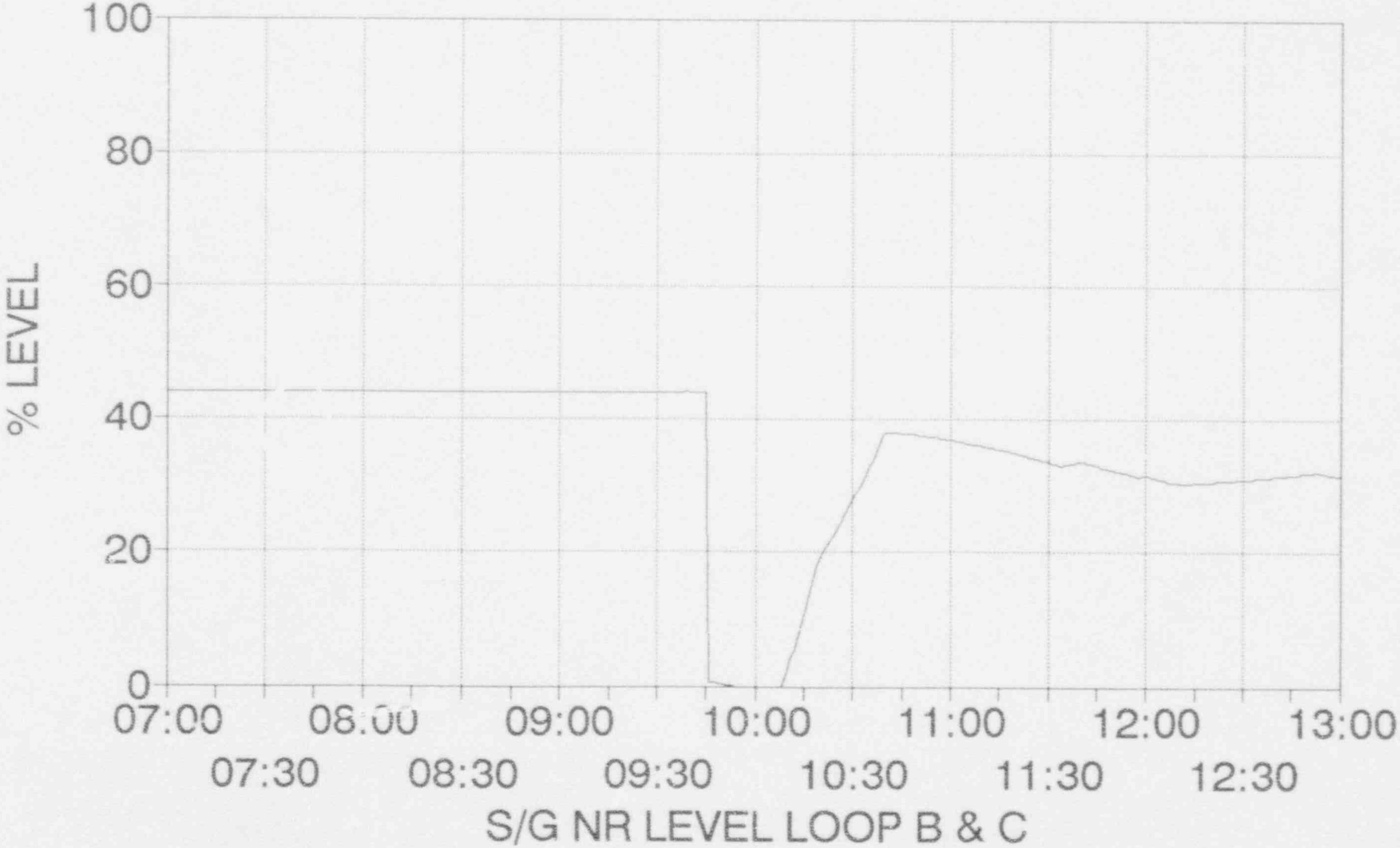
1993 ANNUAL DRILL



68

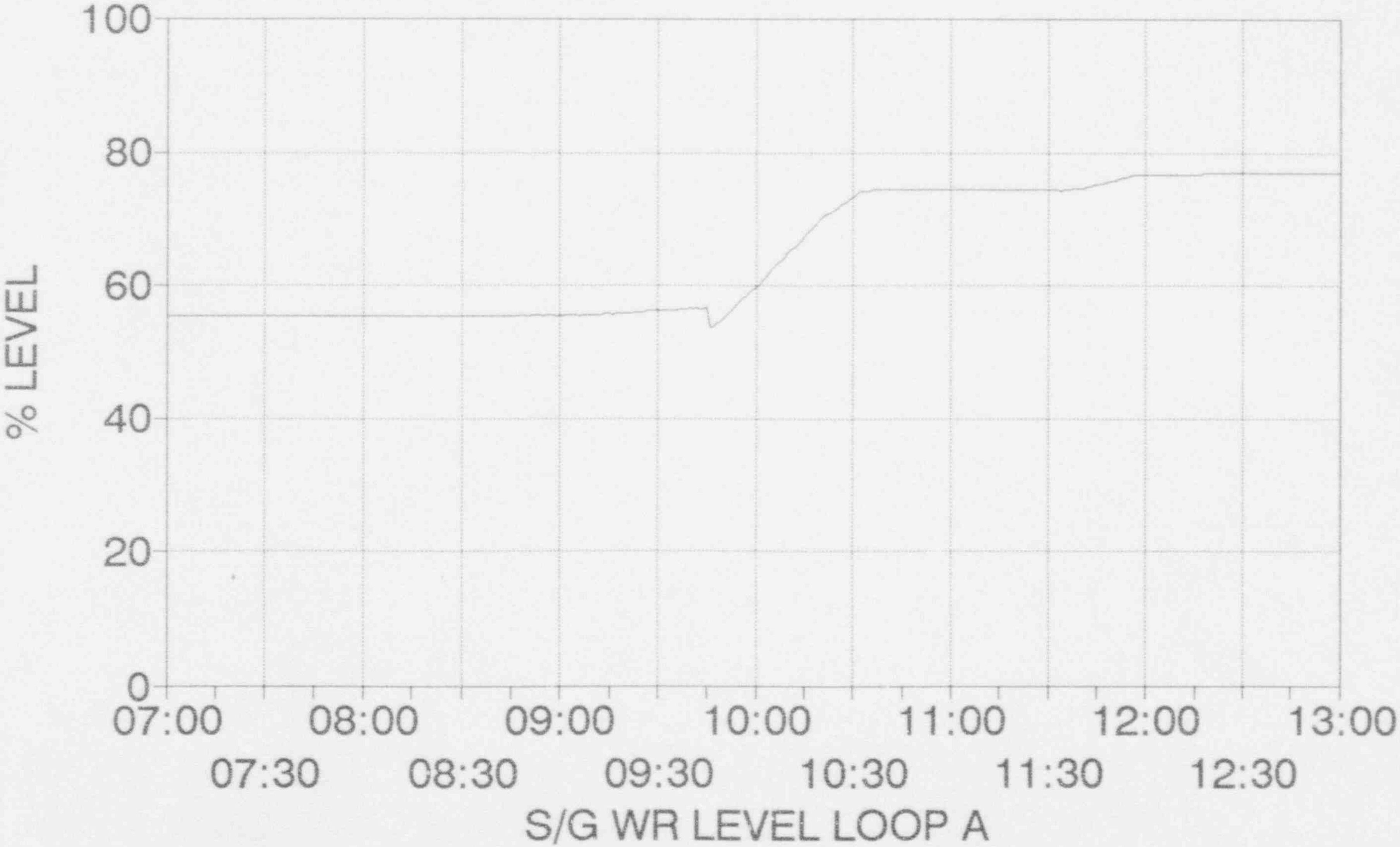
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



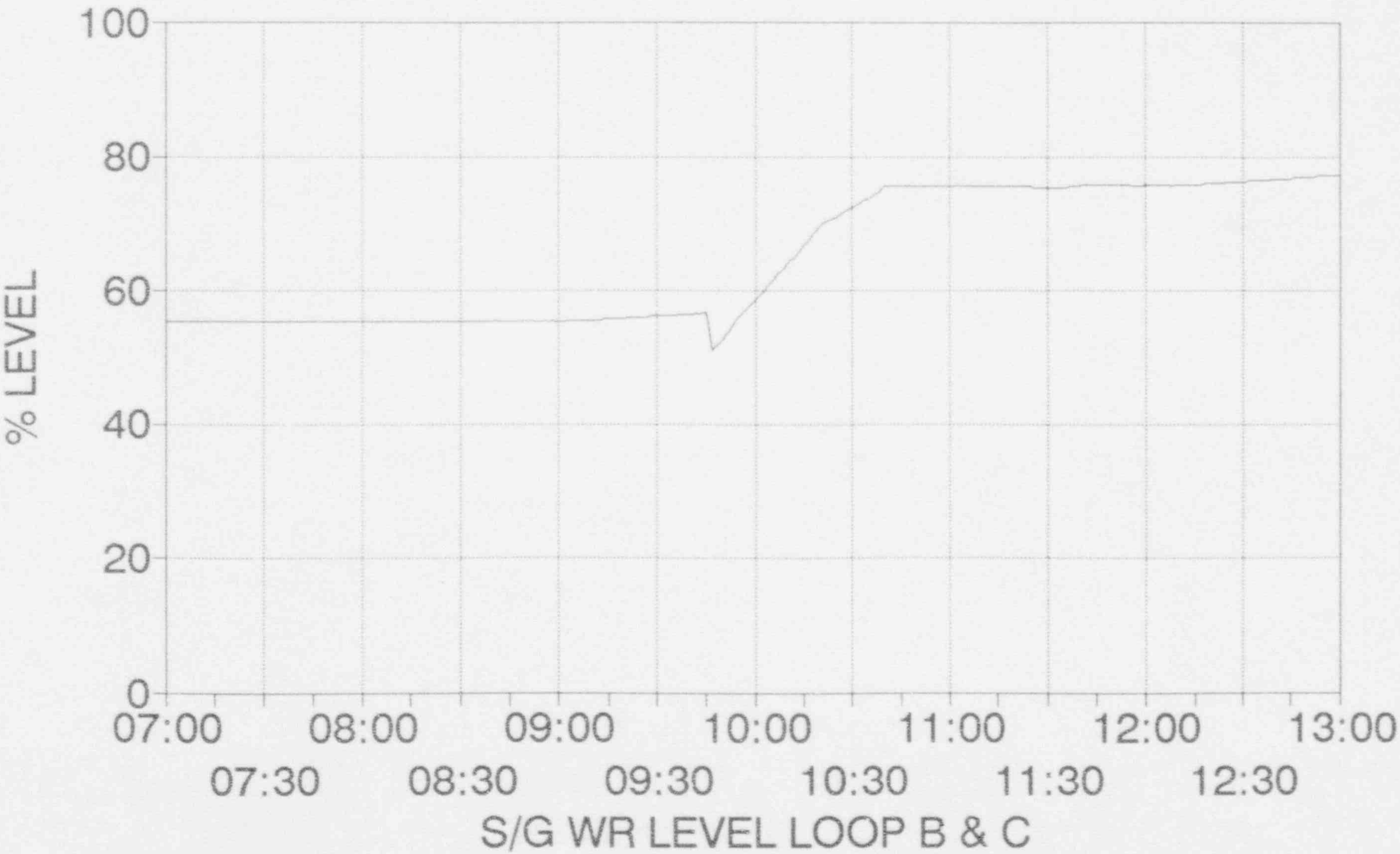
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



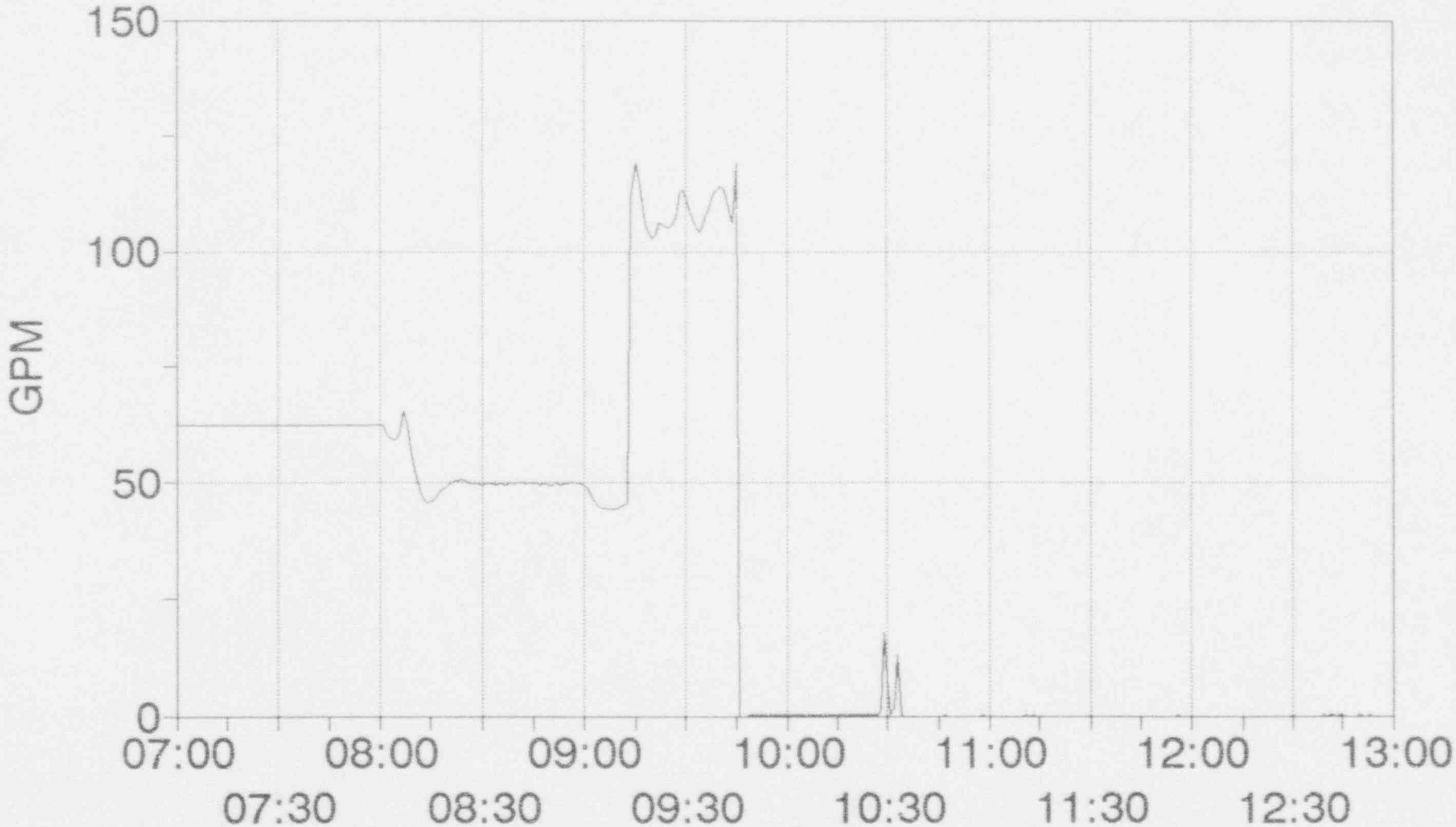
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL

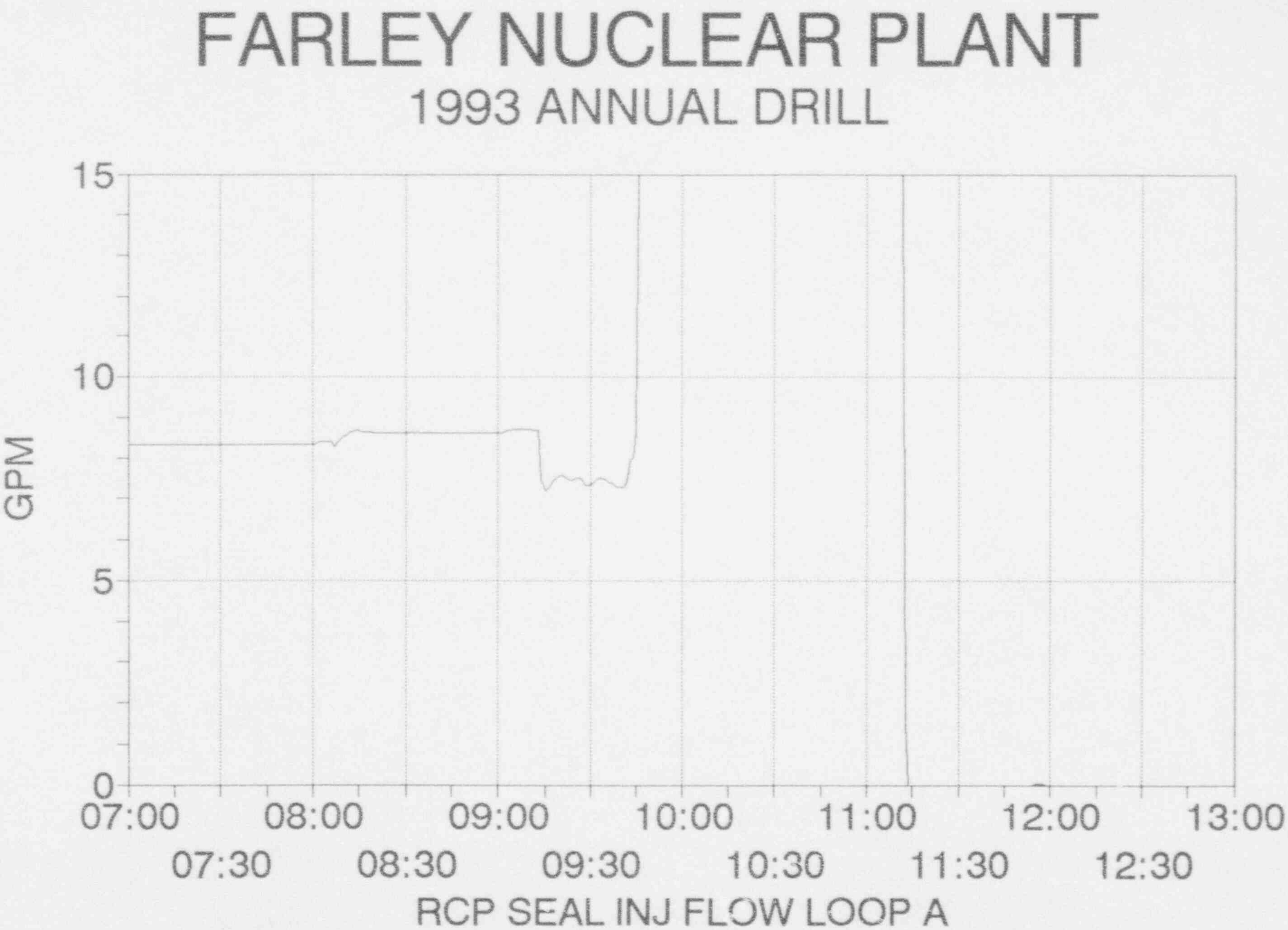


FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL

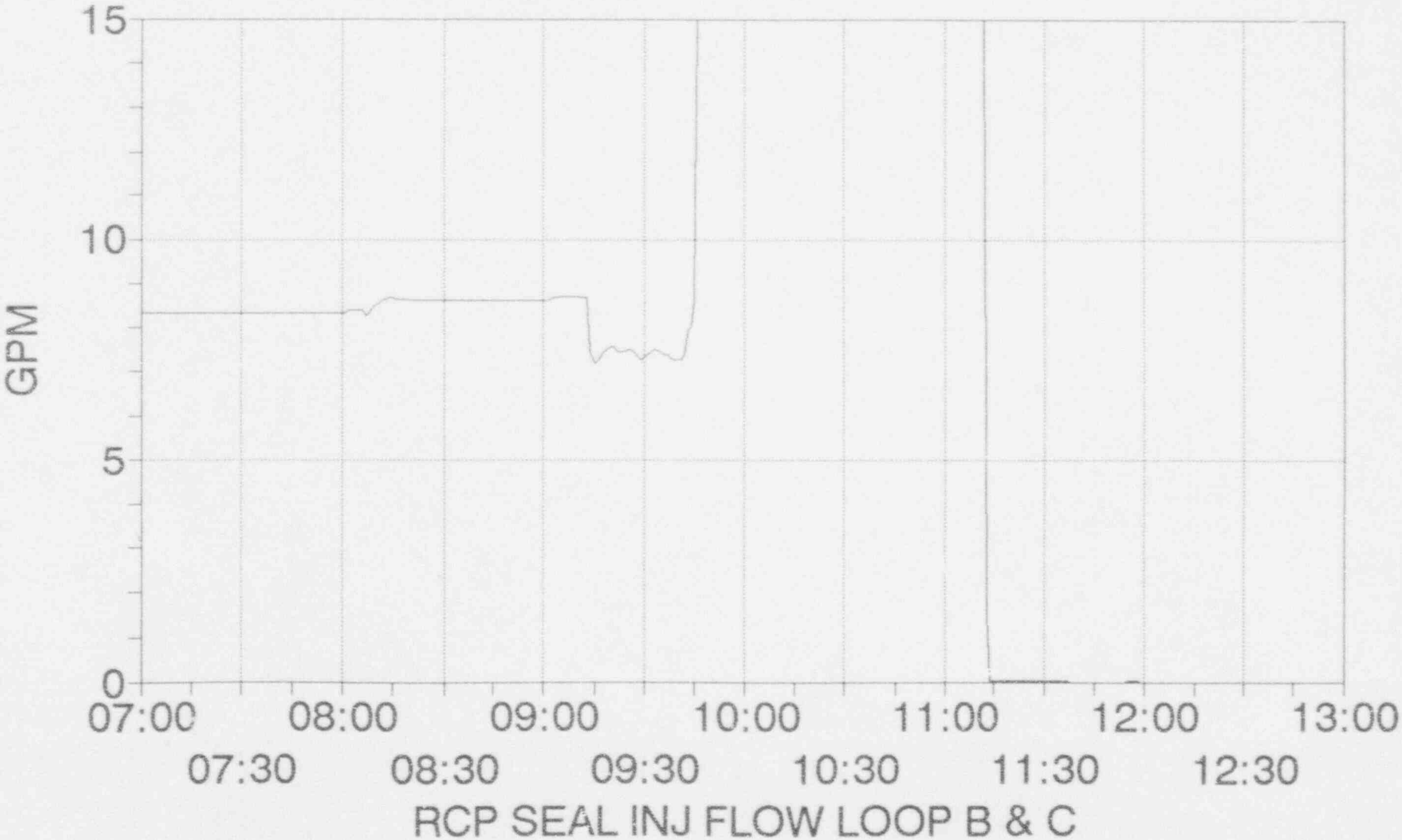


CHARGING FLOW


FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL
GPM
15
10
5
0
07:00
08:00
09:00
10:00
11:00
12:00
13:00
07:30
08:30
09:30
10:30
11:30
12:30
RCP SEAL INJ FLOW LOOP A

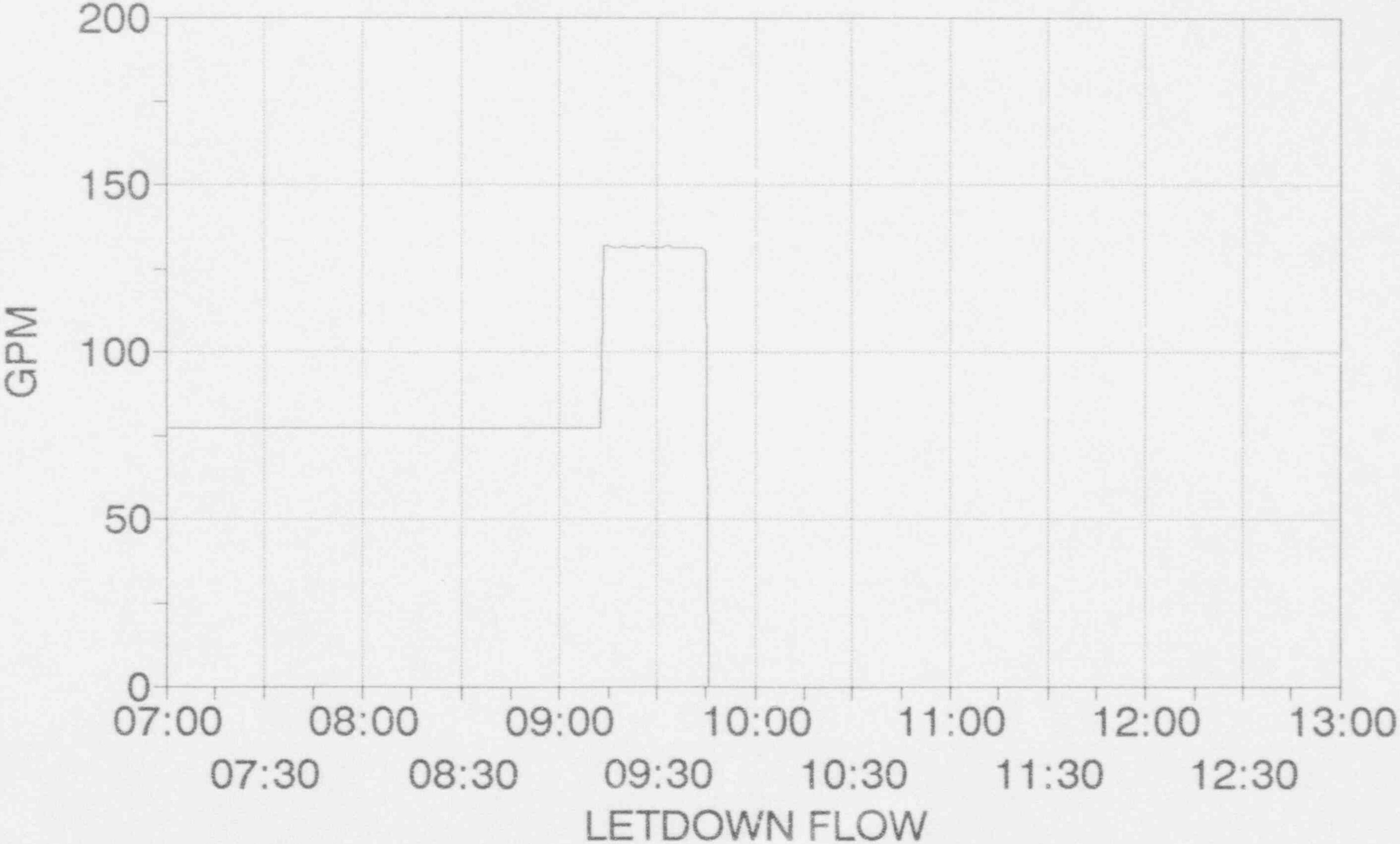
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



FARLEY NUCLEAR PLANT

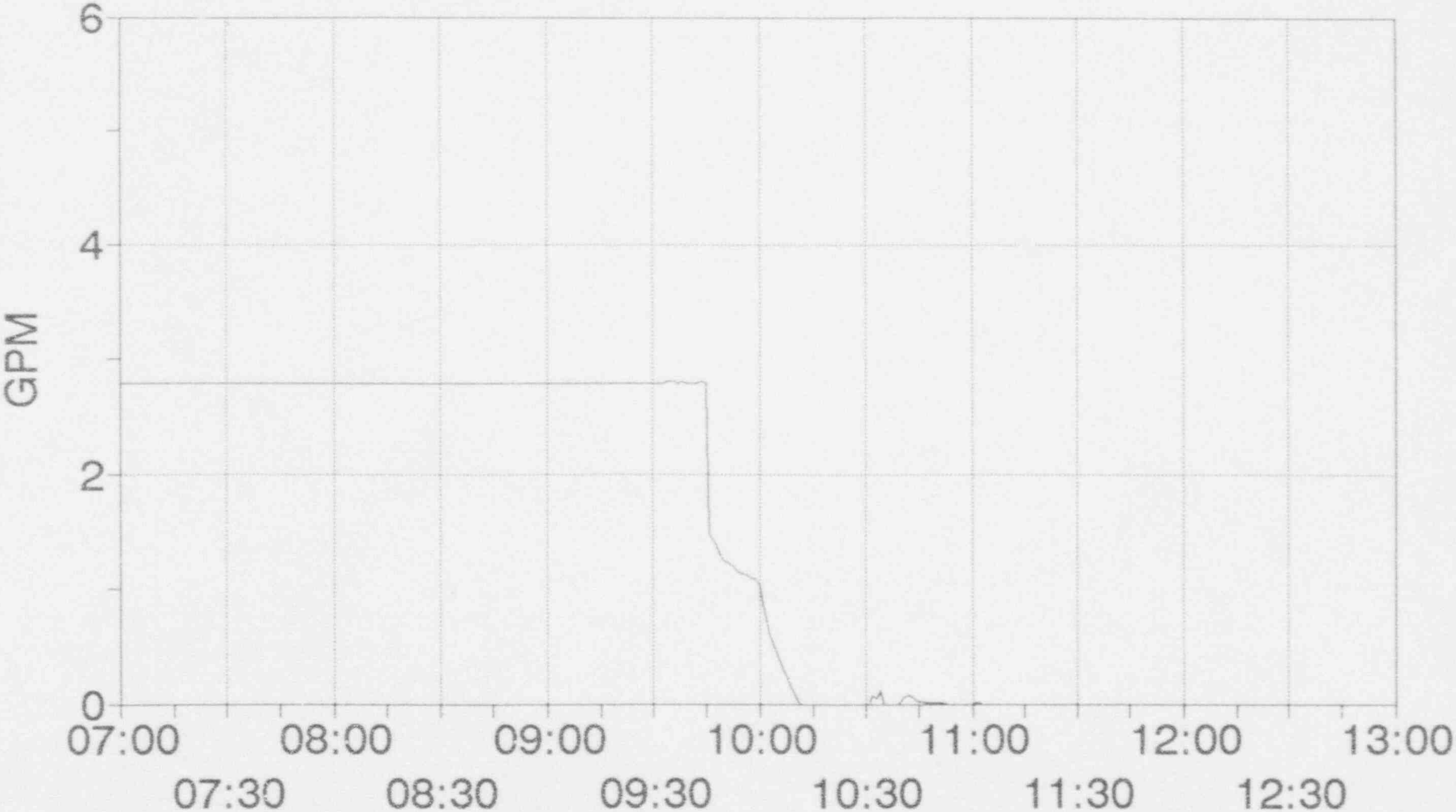
1993 ANNUAL DRILL



96

FARLEY NUCLEAR PLANT

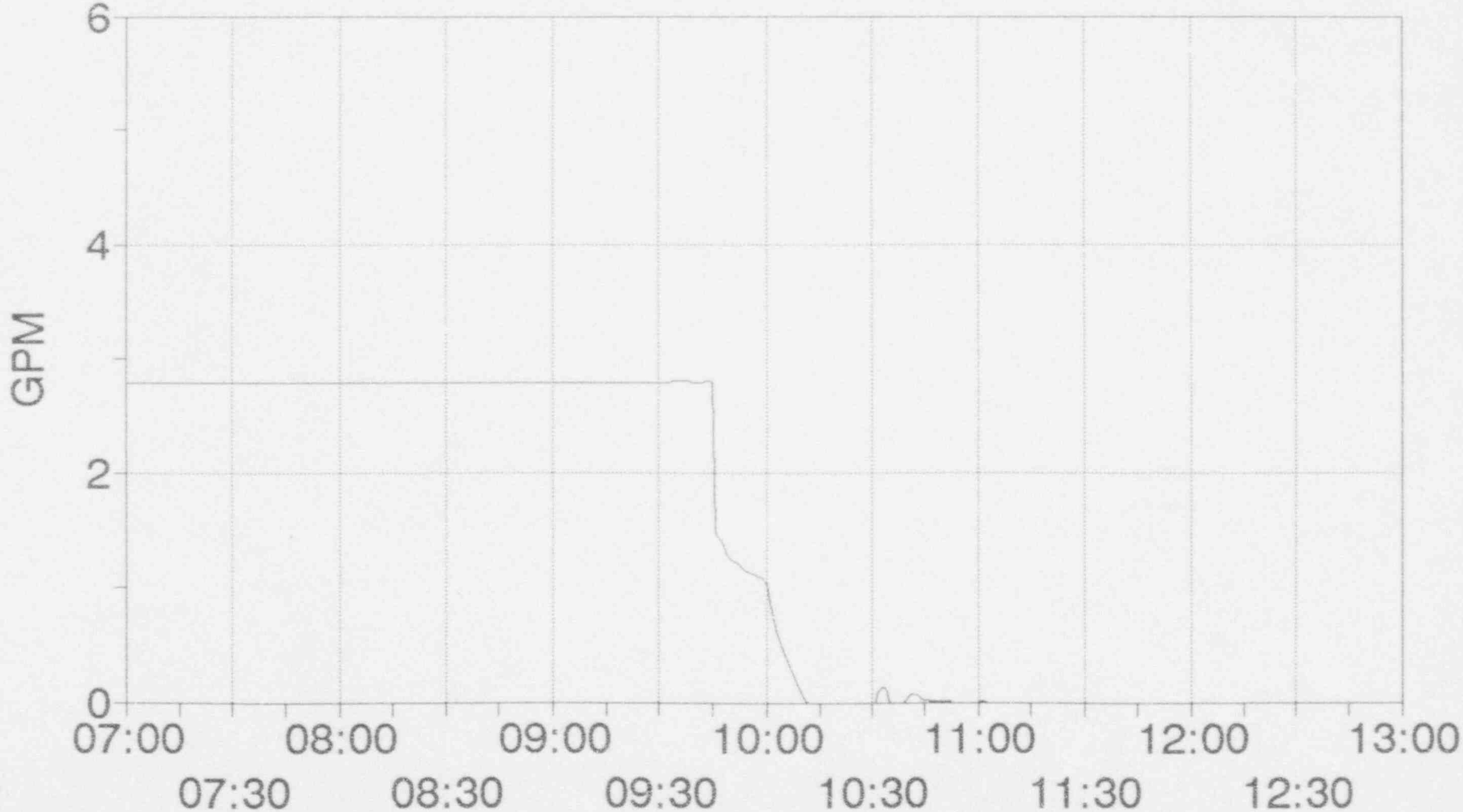
1993 ANNUAL DRILL



RCP SEAL RETURN FLOW LOOP A

FARLEY NUCLEAR PLANT

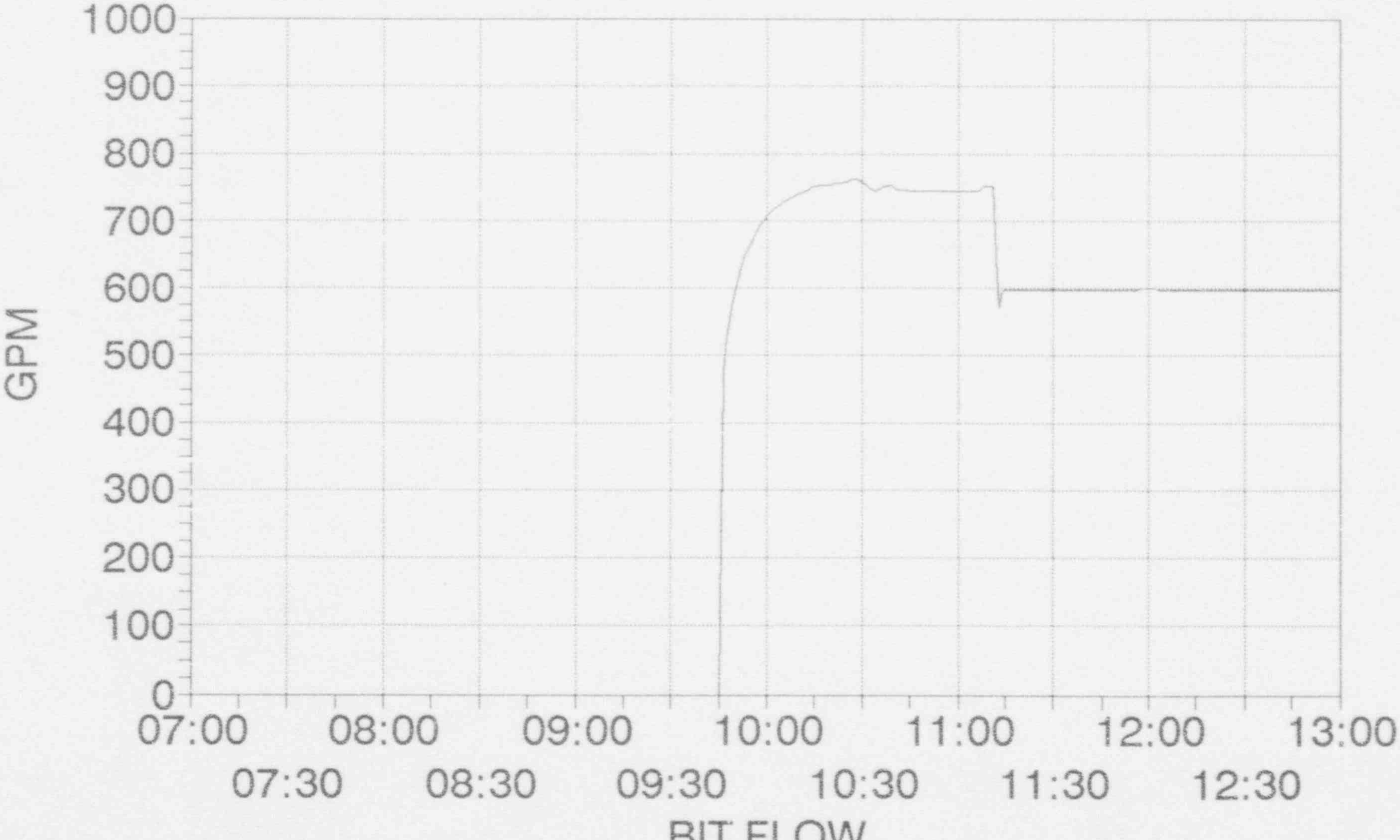
1993 ANNUAL DRILL



RCP SEAL RETURN FLOW LOOP B & C

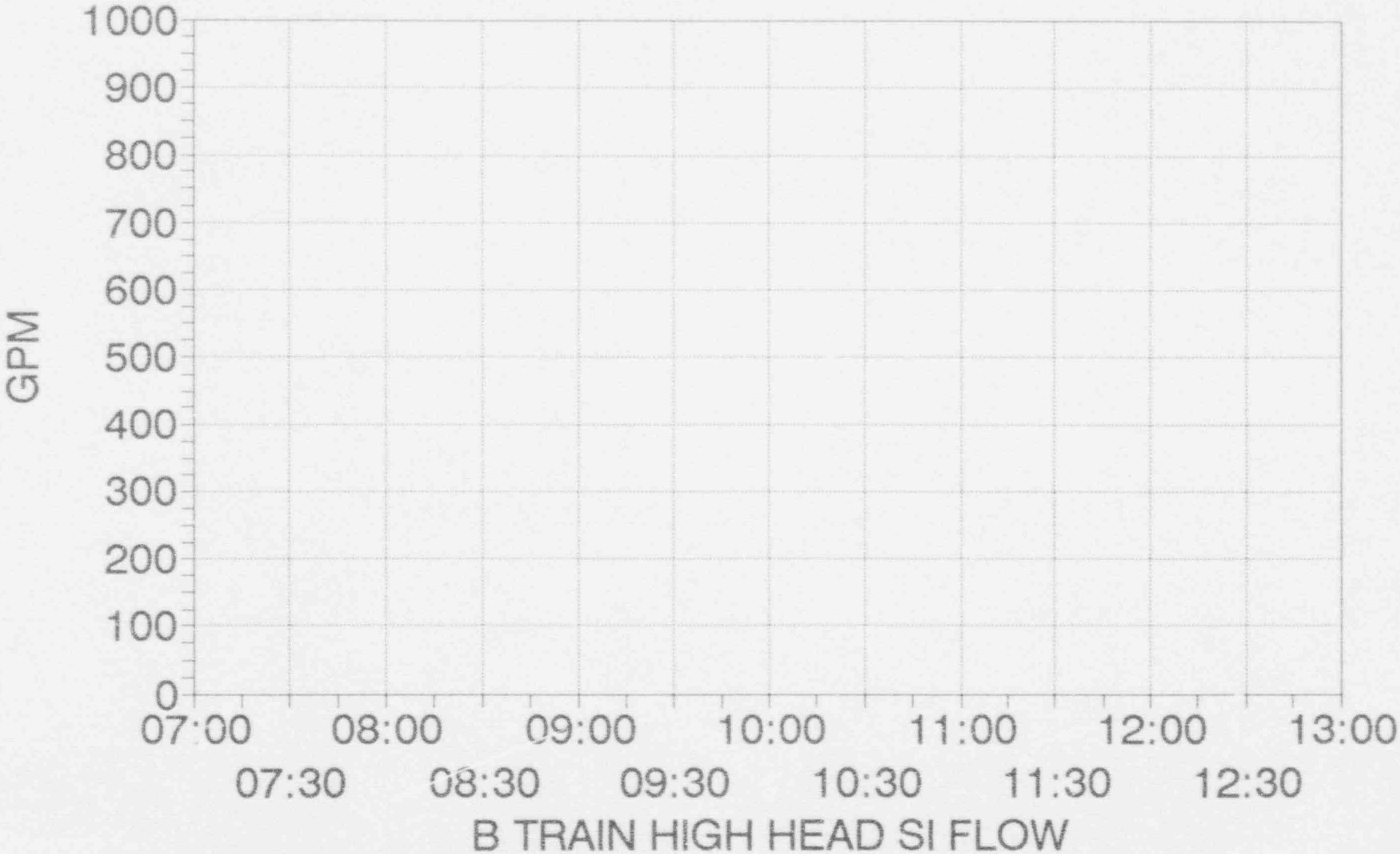
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



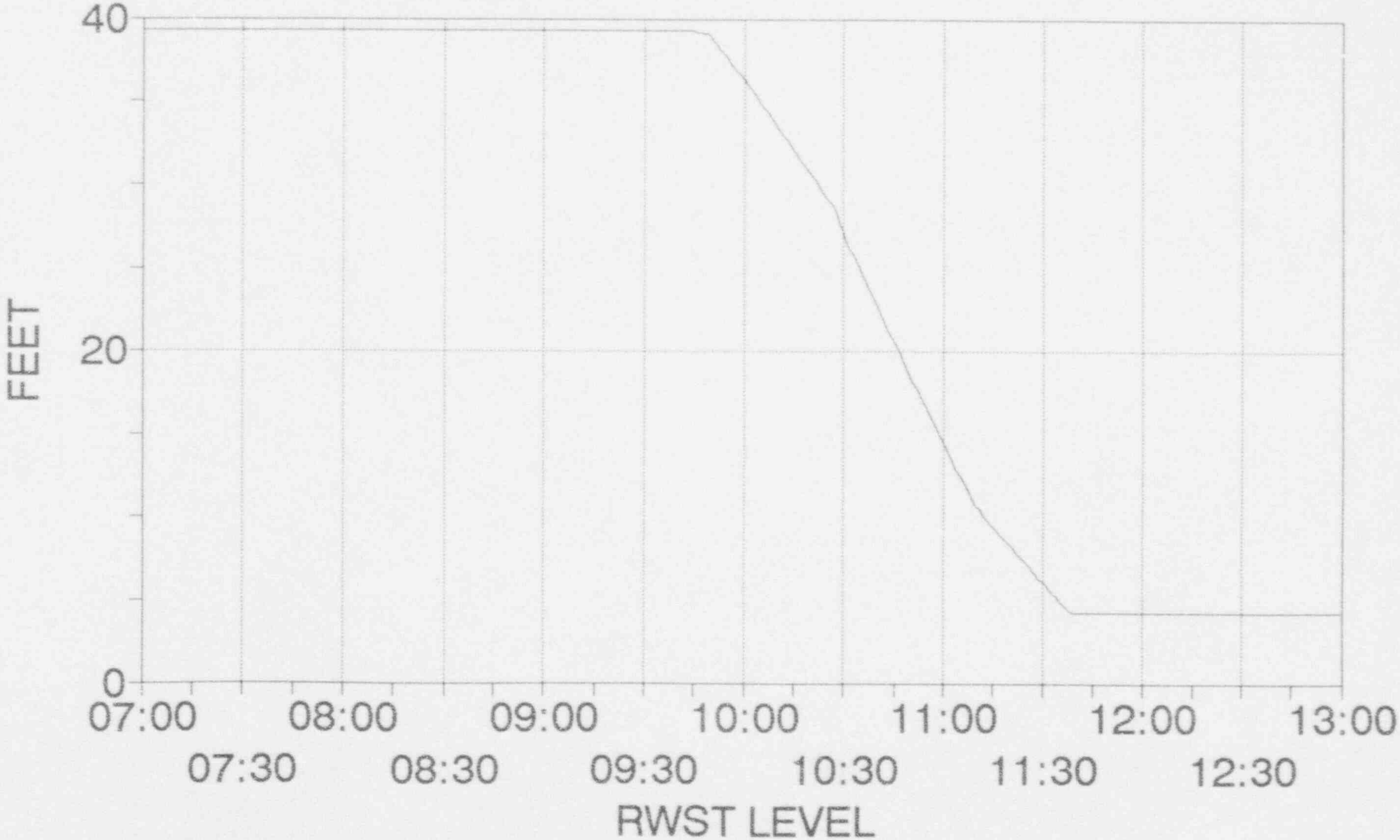
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



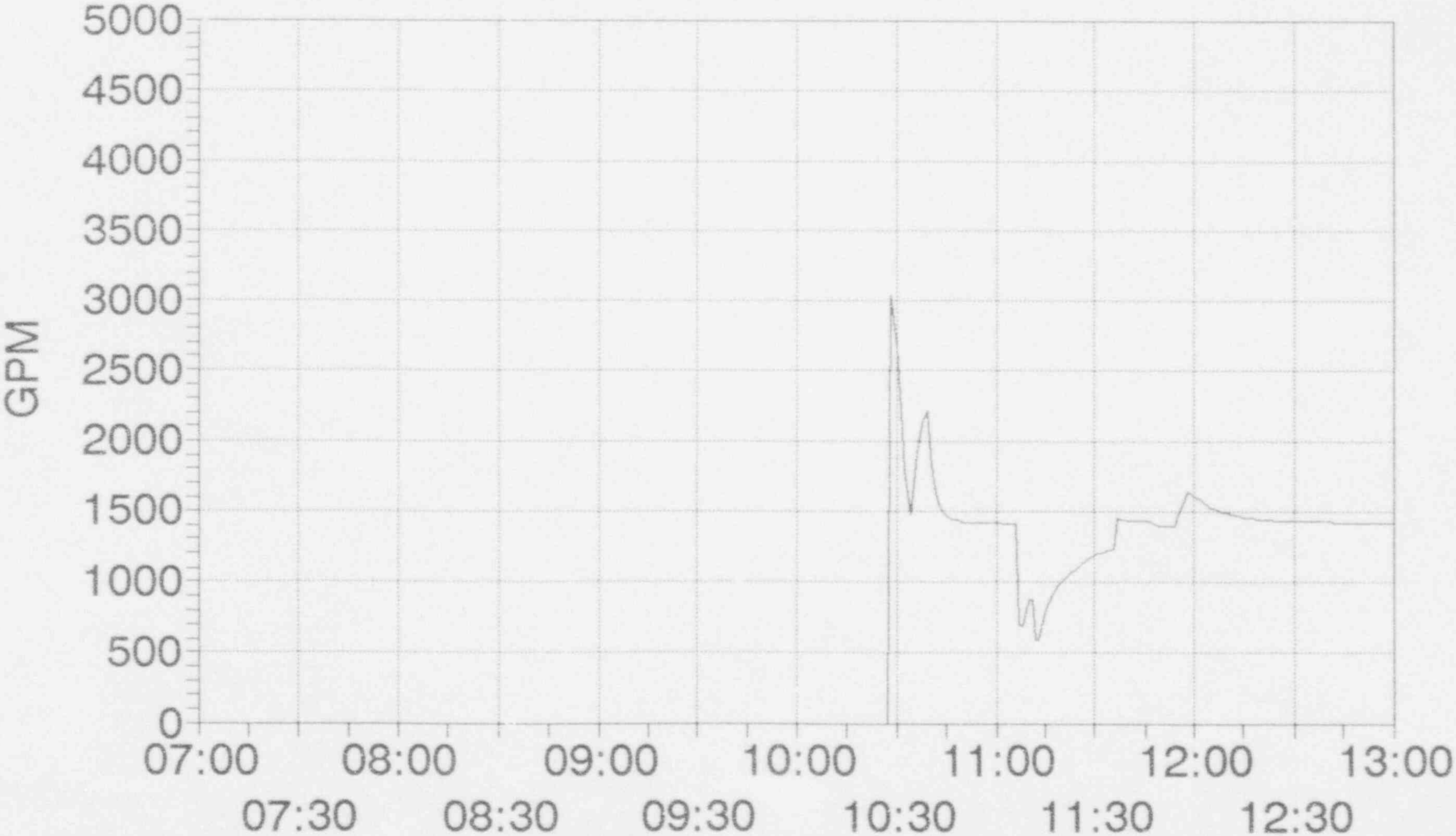
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



FARLEY NUCLEAR PLANT

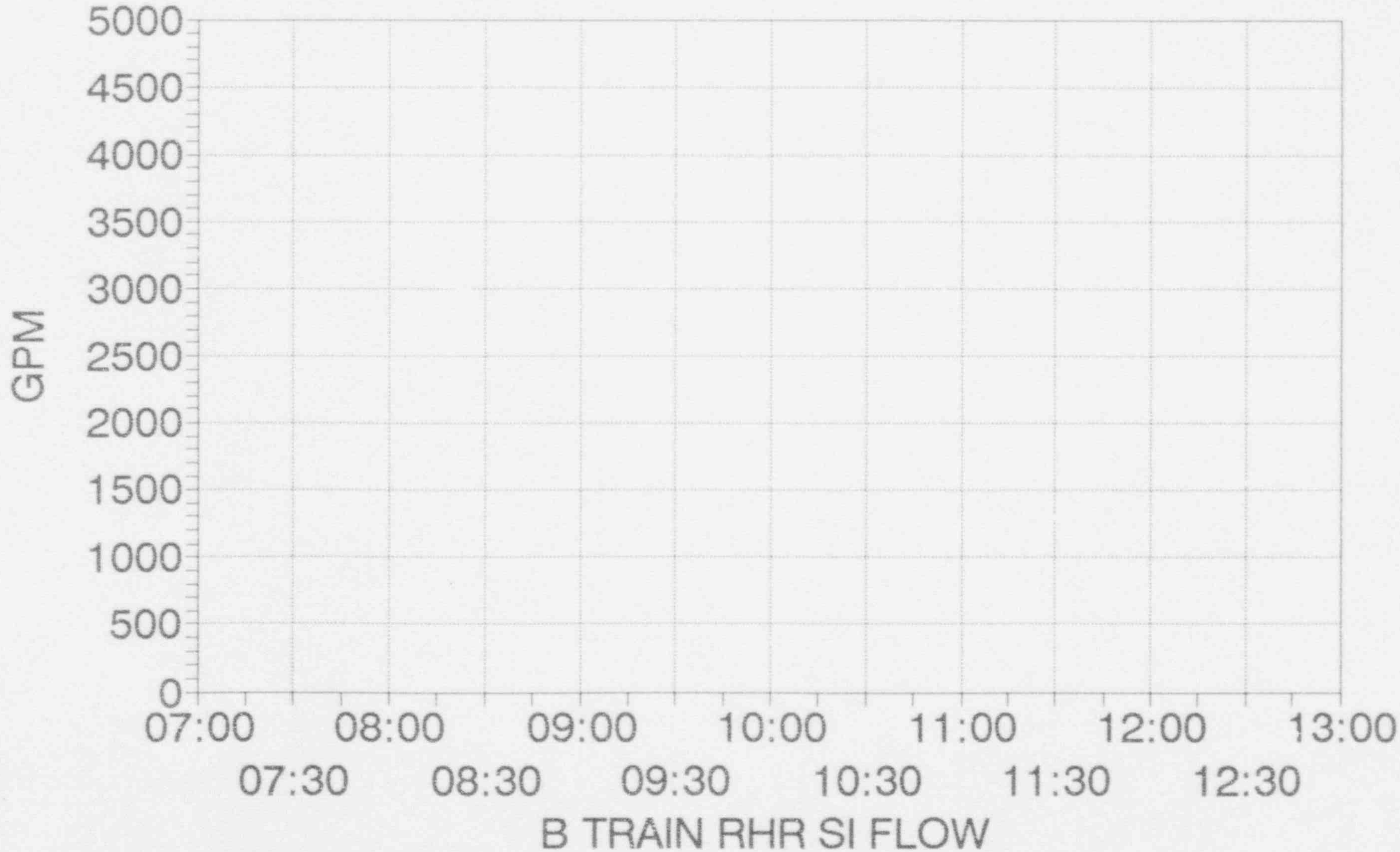
1993 ANNUAL DRILL



A TRAIN RHR SI FLOW

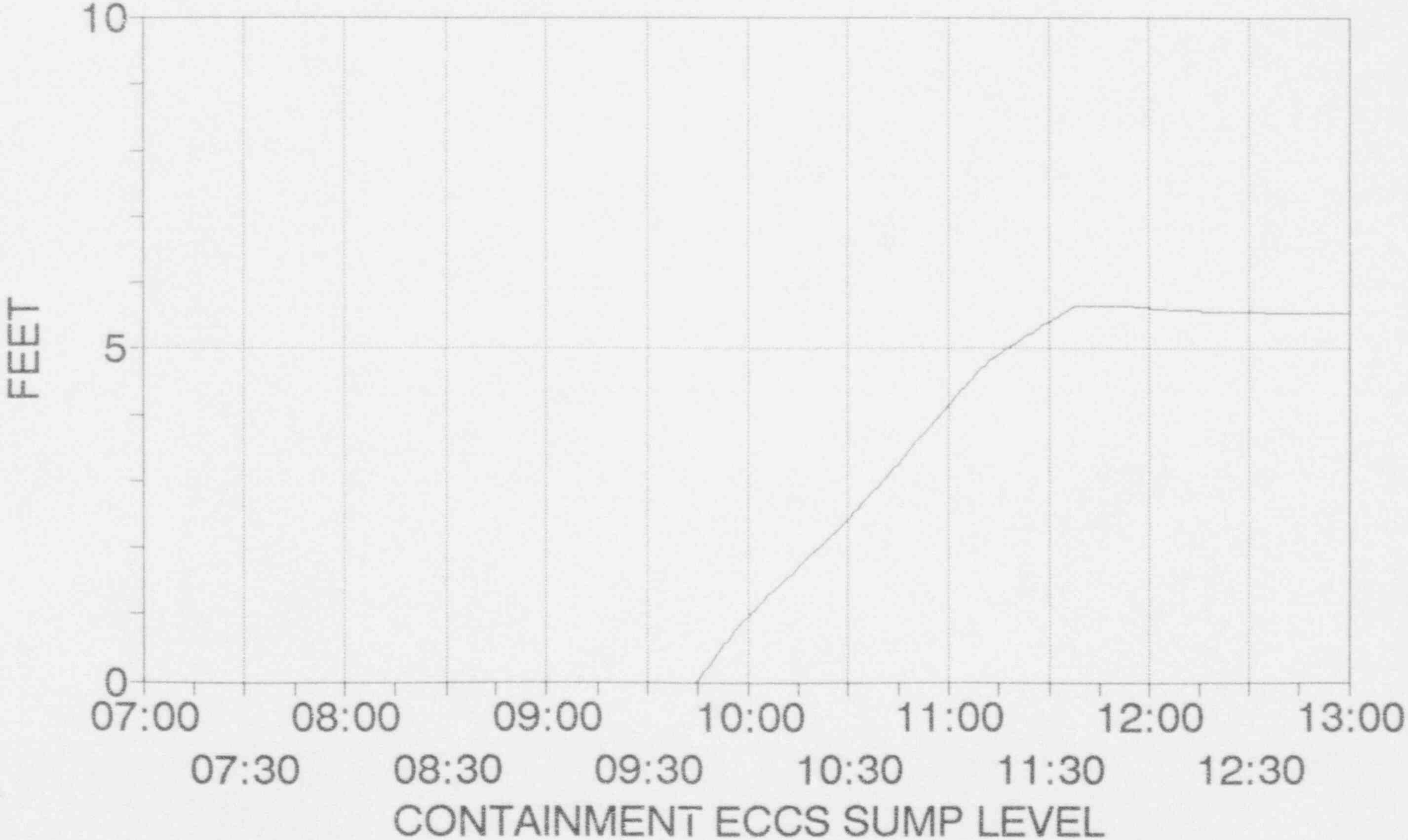
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



FARLEY NUCLEAR PLANT

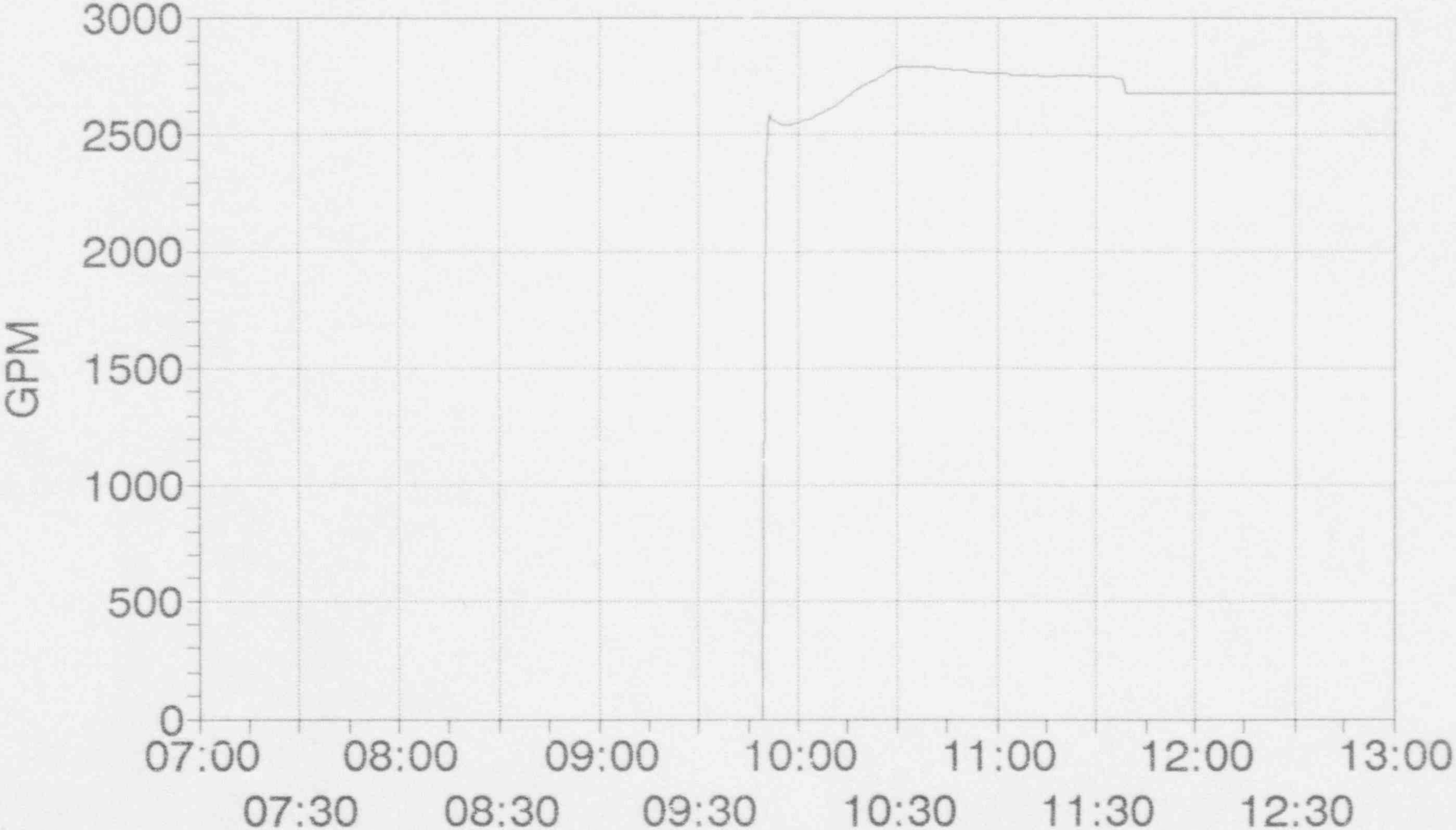
1993 ANNUAL DRILL



104

FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL

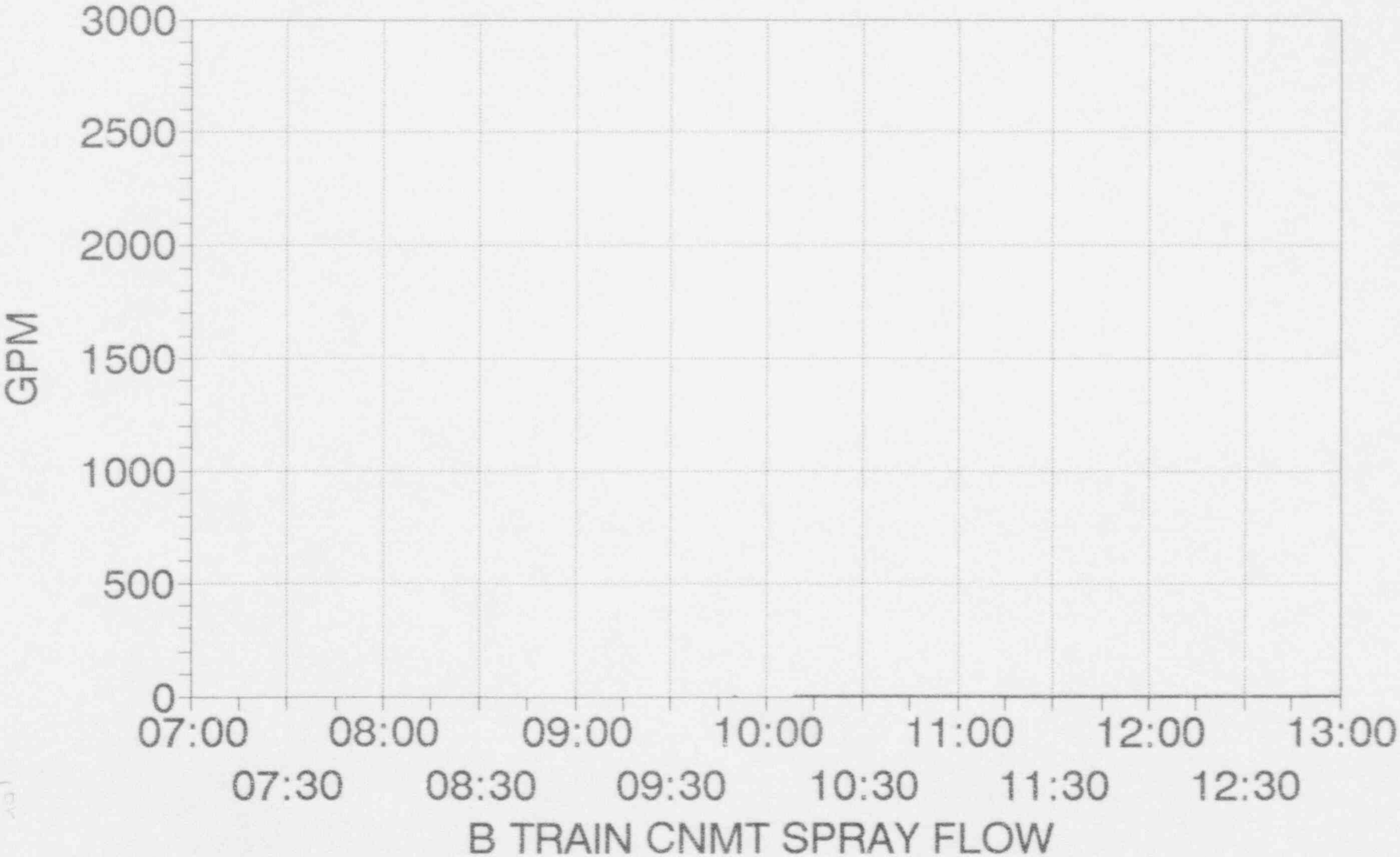


A TRAIN CNMT SPRAY FLOW

105

FARLEY NUCLEAR PLANT

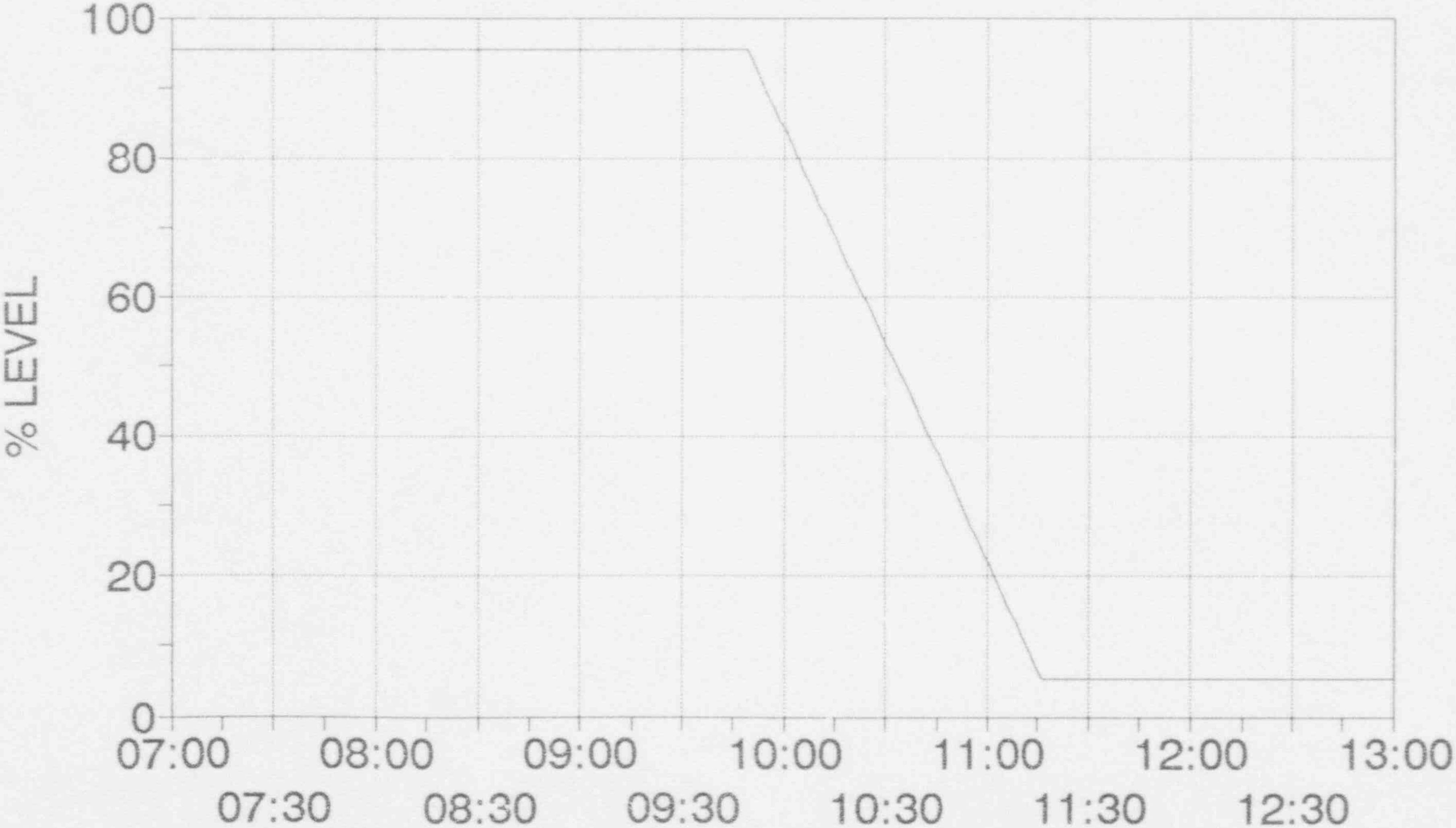
1993 ANNUAL DRILL



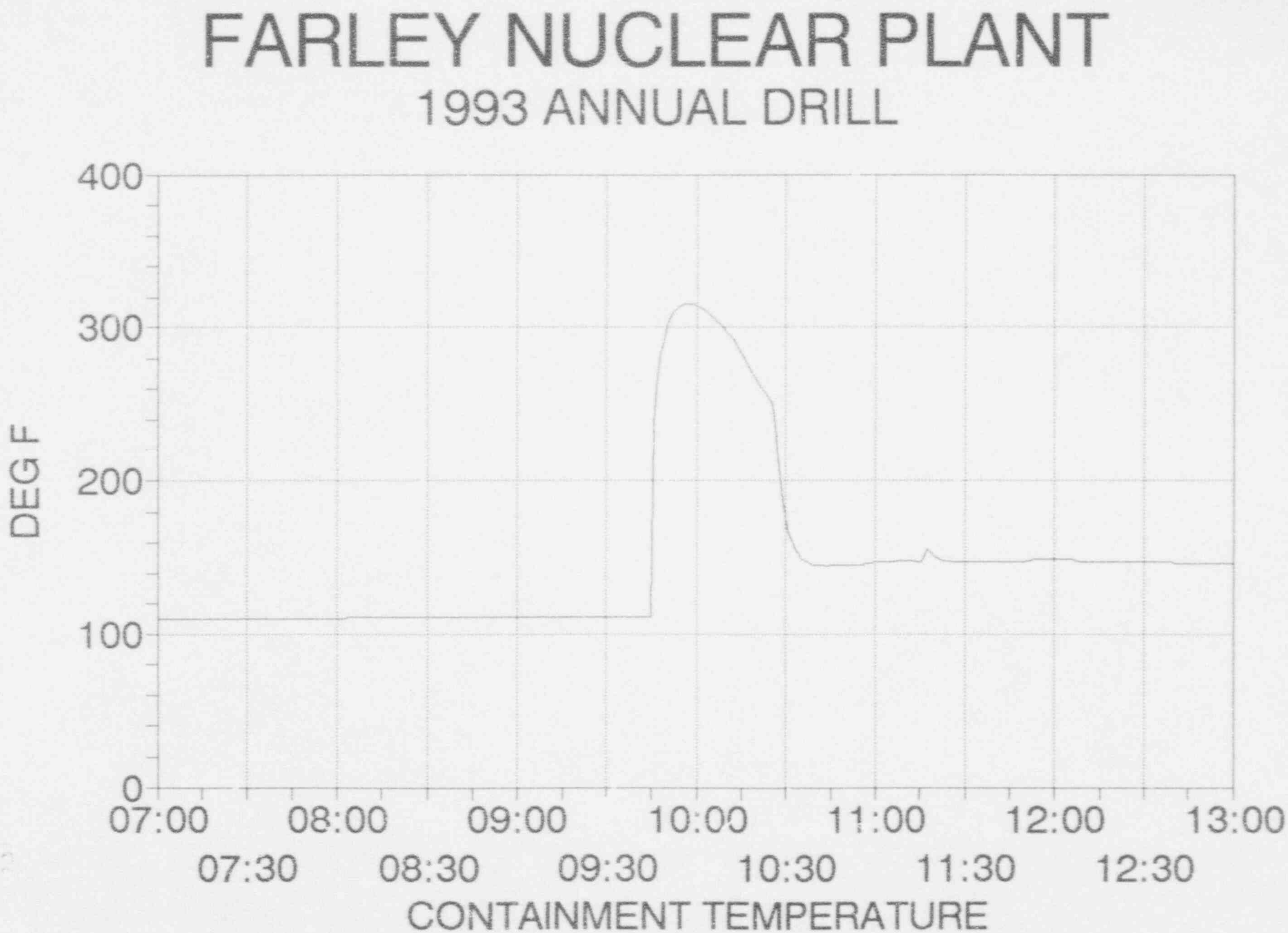
106

FARLEY NUCLEAR PLANT

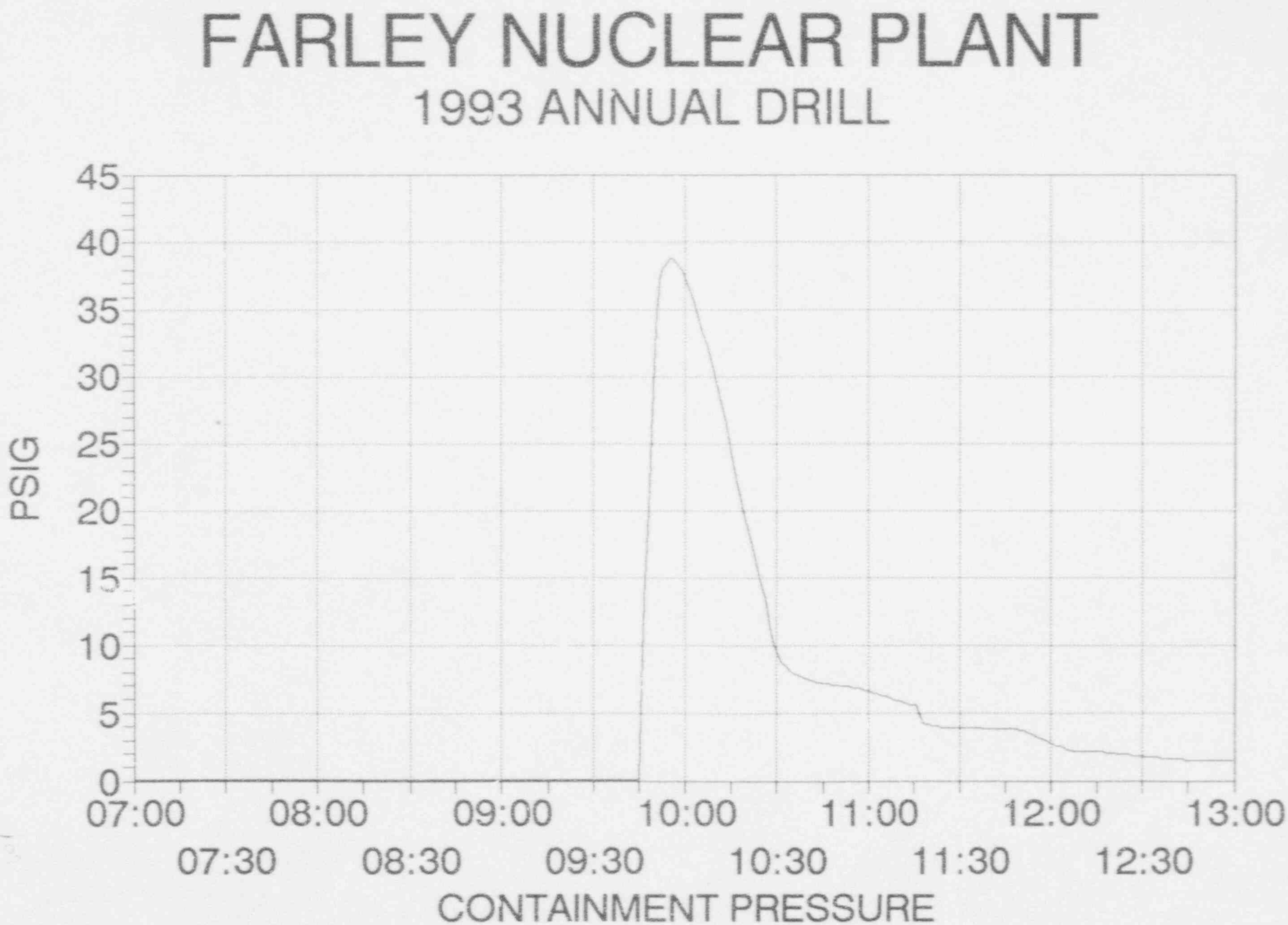
1993 ANNUAL DRILL



SPRAY ADD TANK LEVEL

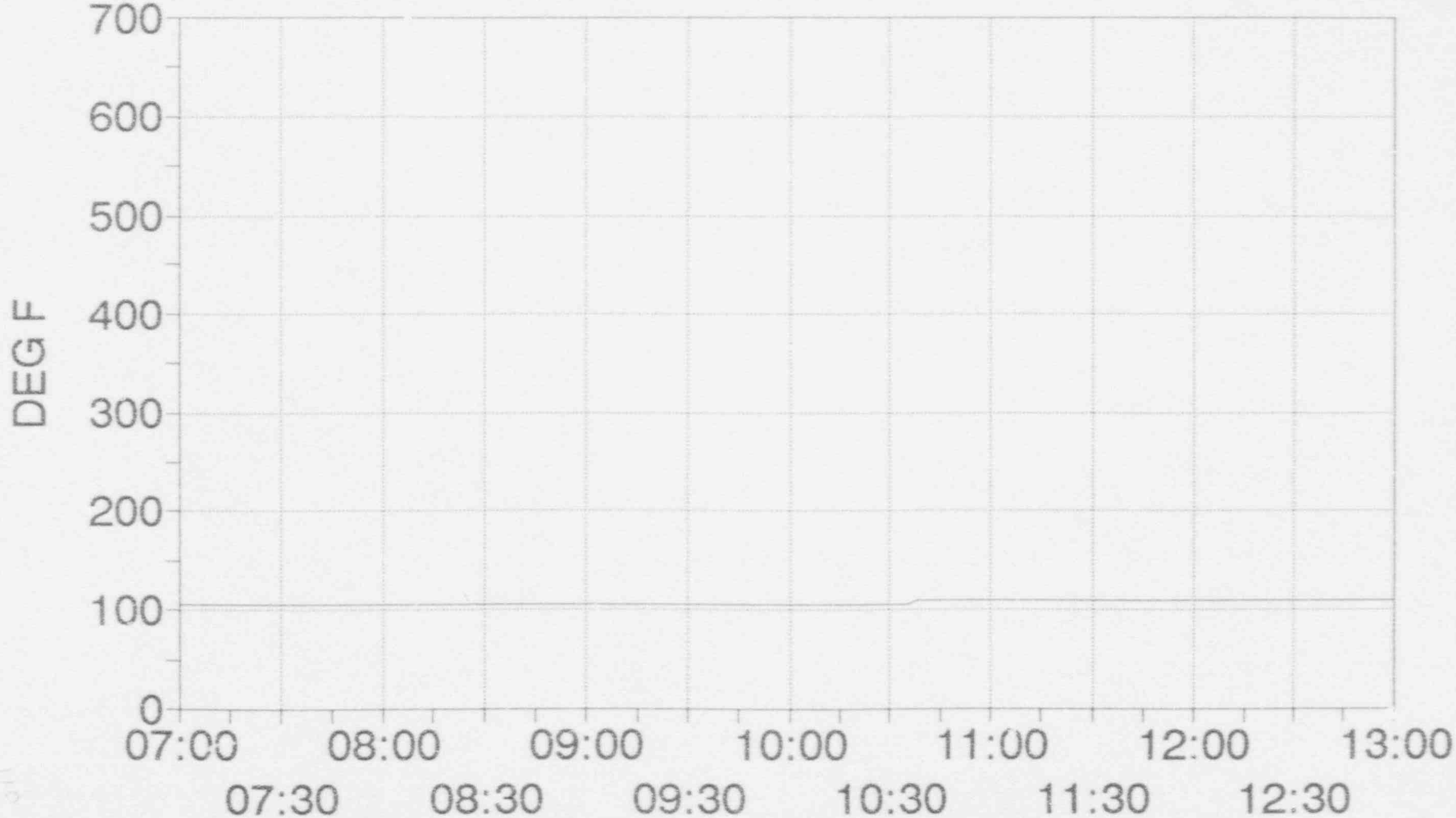

FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL
DEG F
400
300
200
100
0
07:00
08:00
09:00
10:00
11:00
12:00
13:00
07:30
08:30
09:30
10:30
11:30
12:30
CONTAINMENT TEMPERATURE

108


FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL
PSIG
45
40
35
30
25
20
15
10
5
0
07:00
08:00
09:00
10:00
11:00
12:00
13:00
07:30
08:30
09:30
10:30
11:30
12:30
CONTAINMENT PRESSURE

FARLEY NUCLEAR PLANT

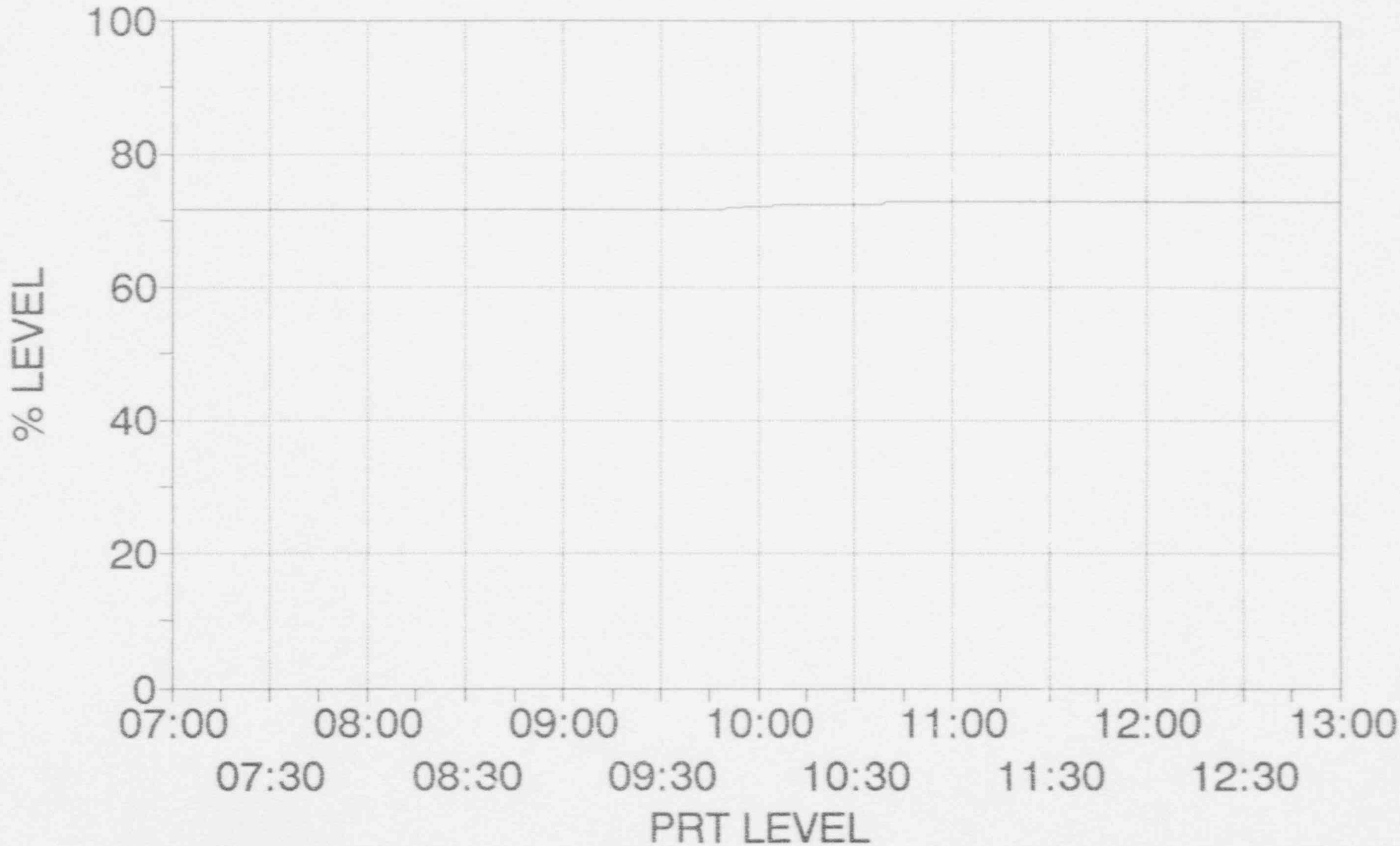
1993 ANNUAL DRILL



PRT TEMPERATURE

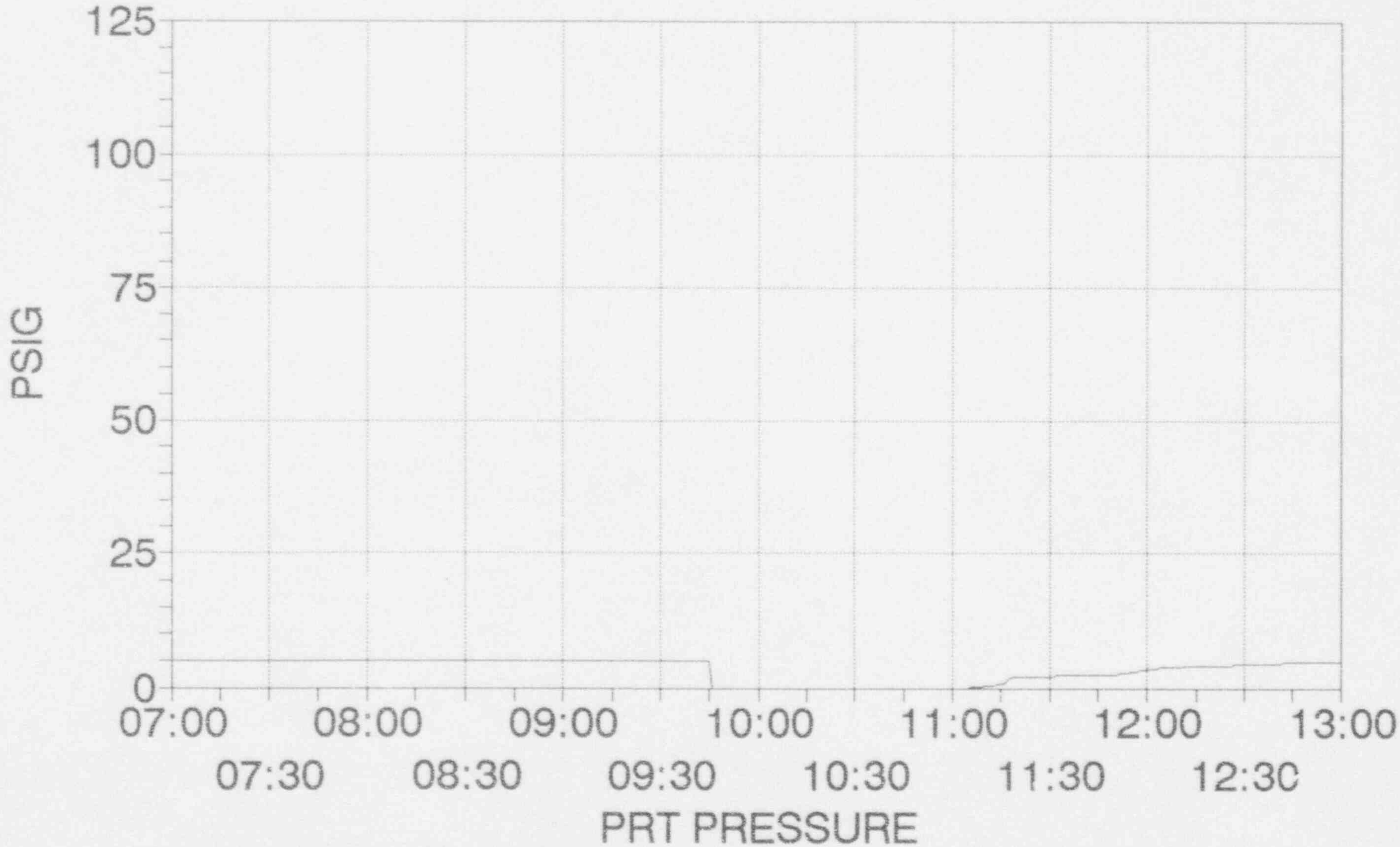
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



FARLEY NUCLEAR PLANT

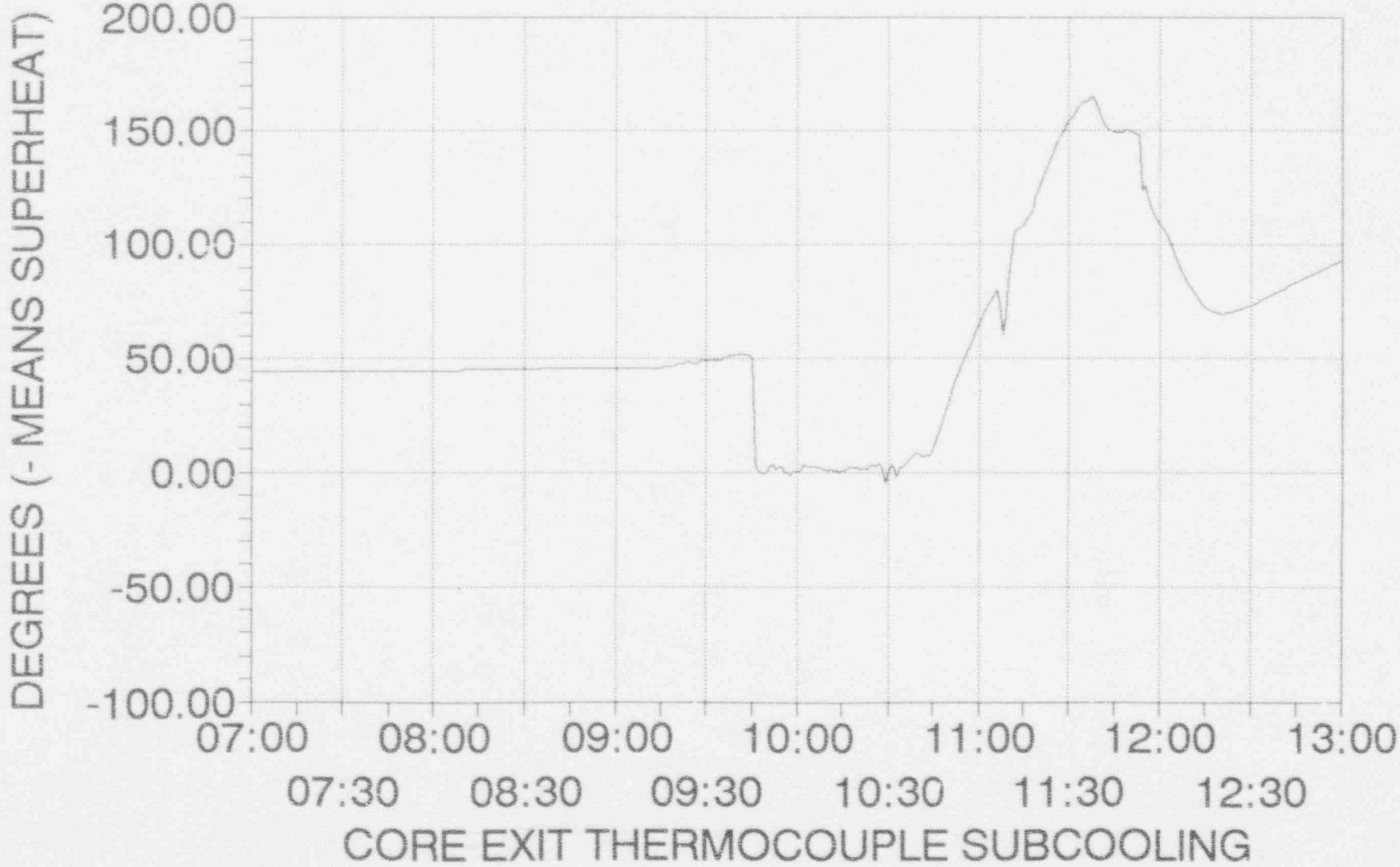
1993 ANNUAL DRILL



112

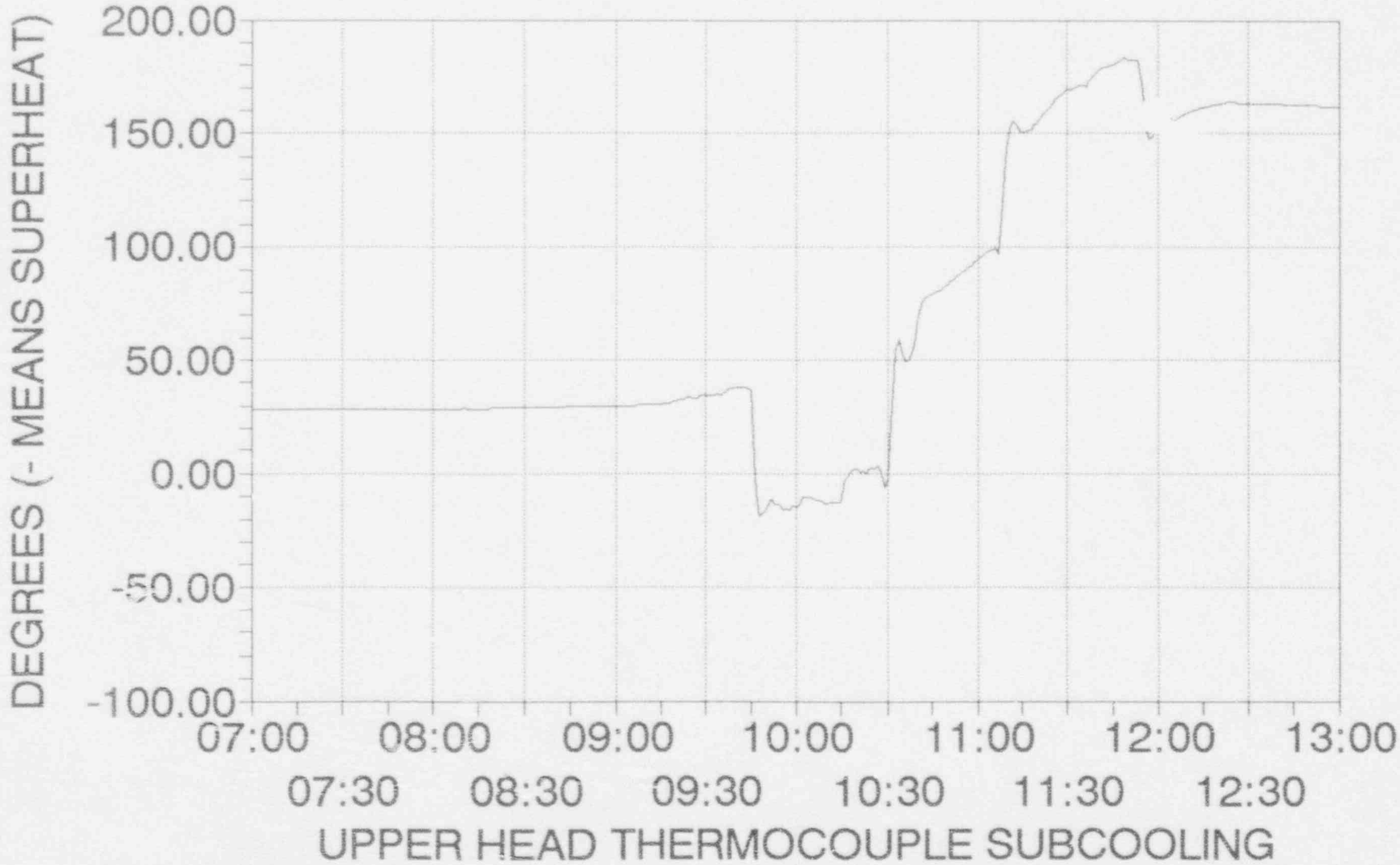
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



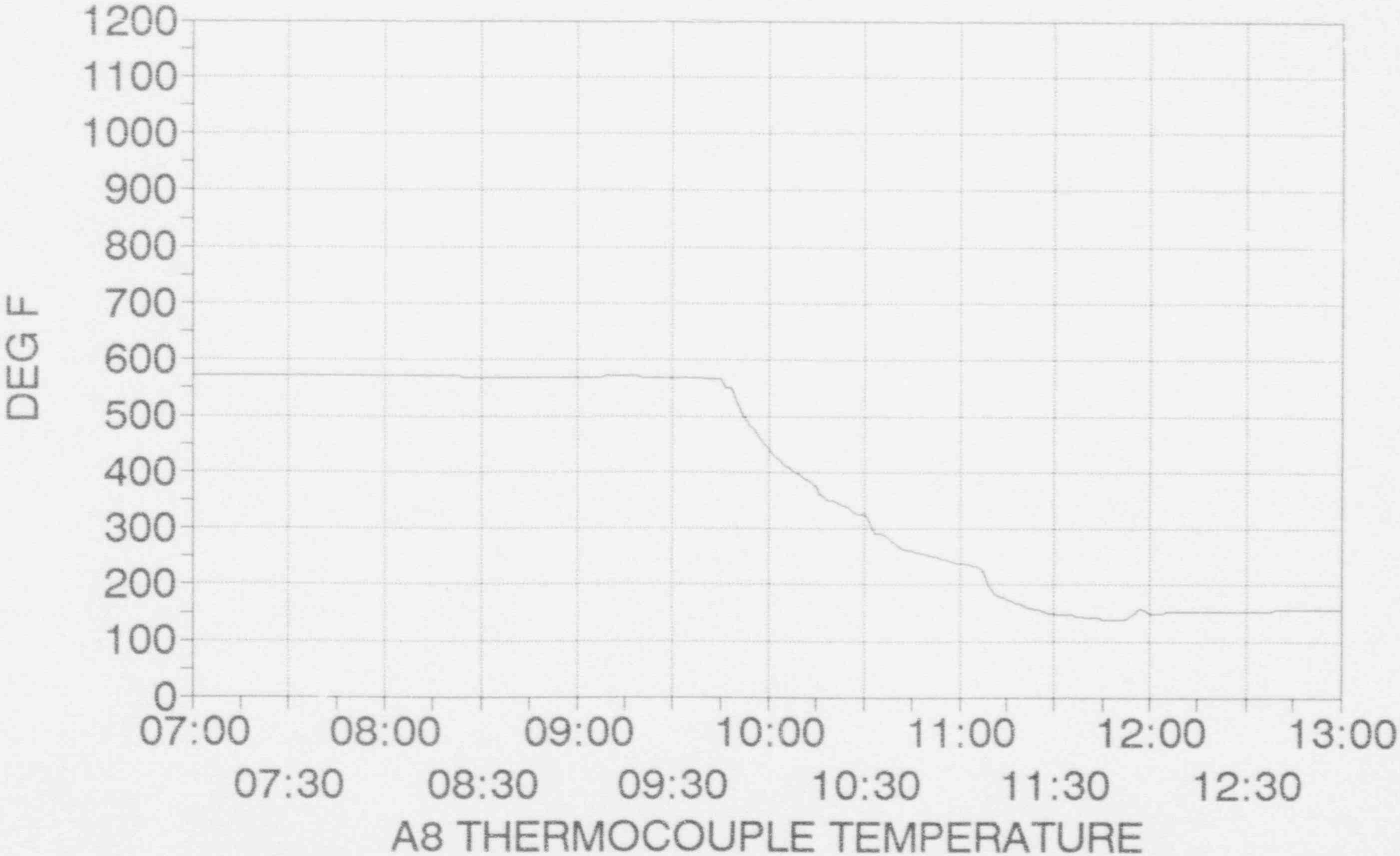
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



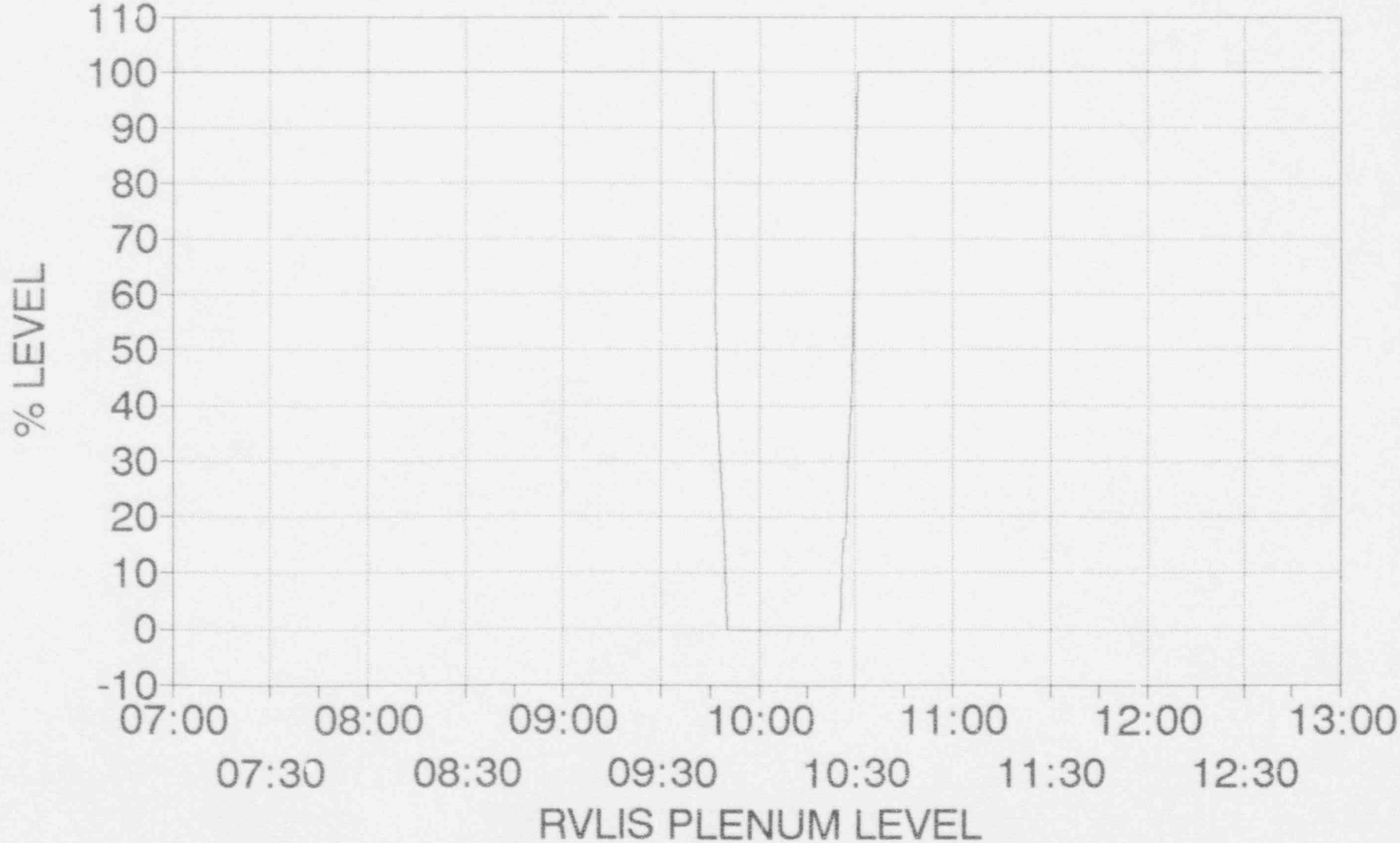
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



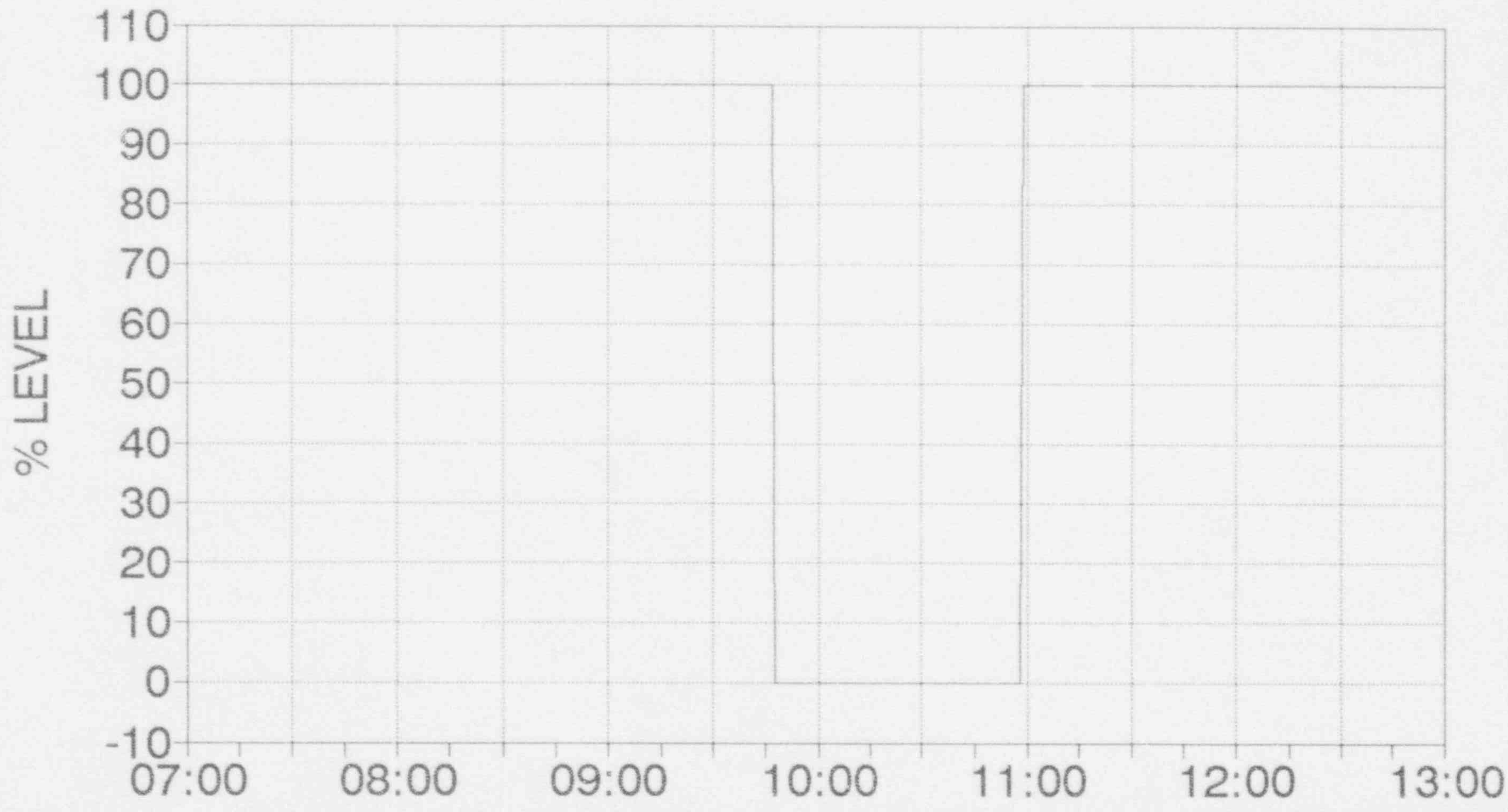
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



FARLEY NUCLEAR PLANT

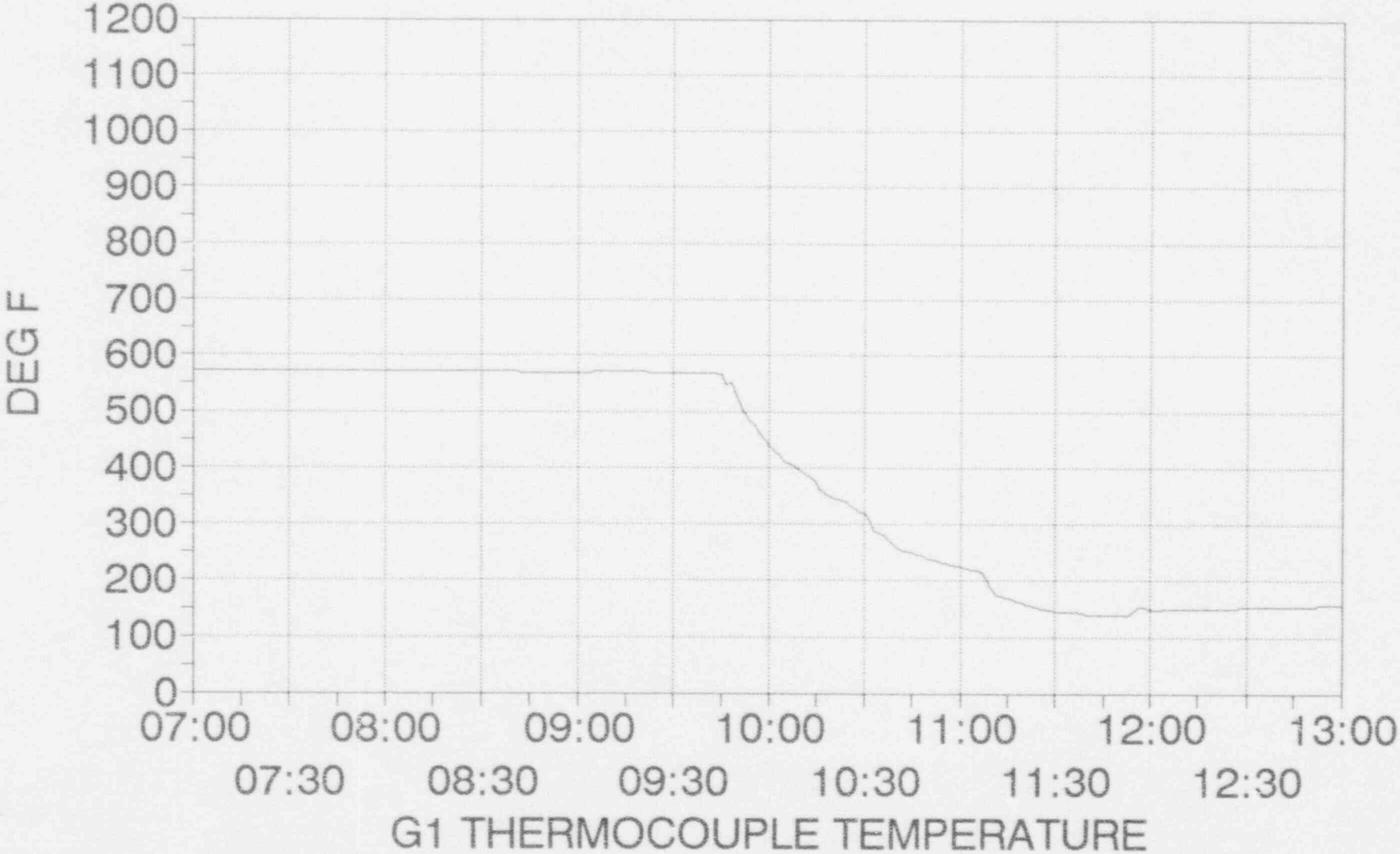
1993 ANNUAL DRILL



RVLIS UPPER HEAD LEVEL

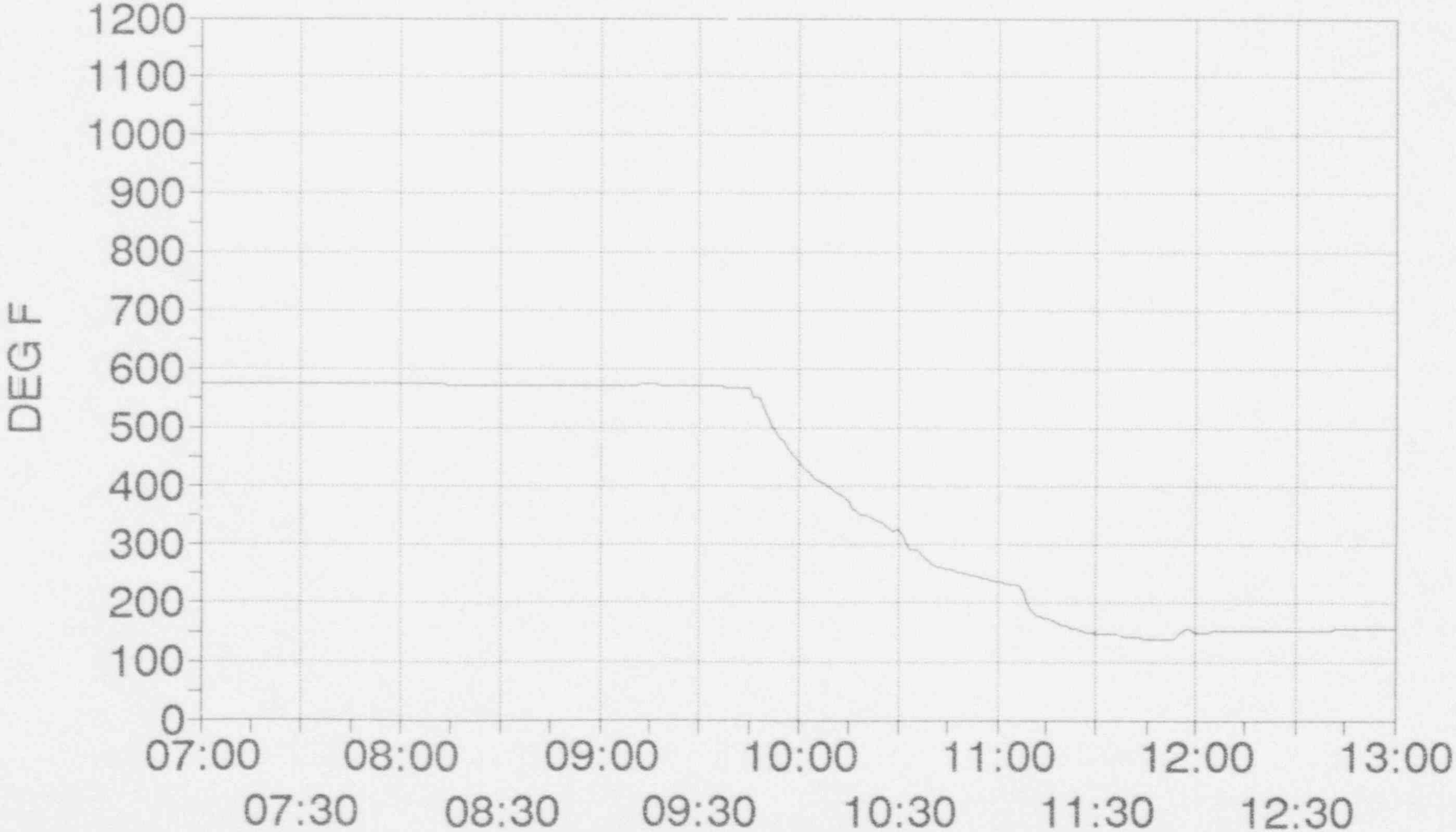
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



FARLEY NUCLEAR PLANT

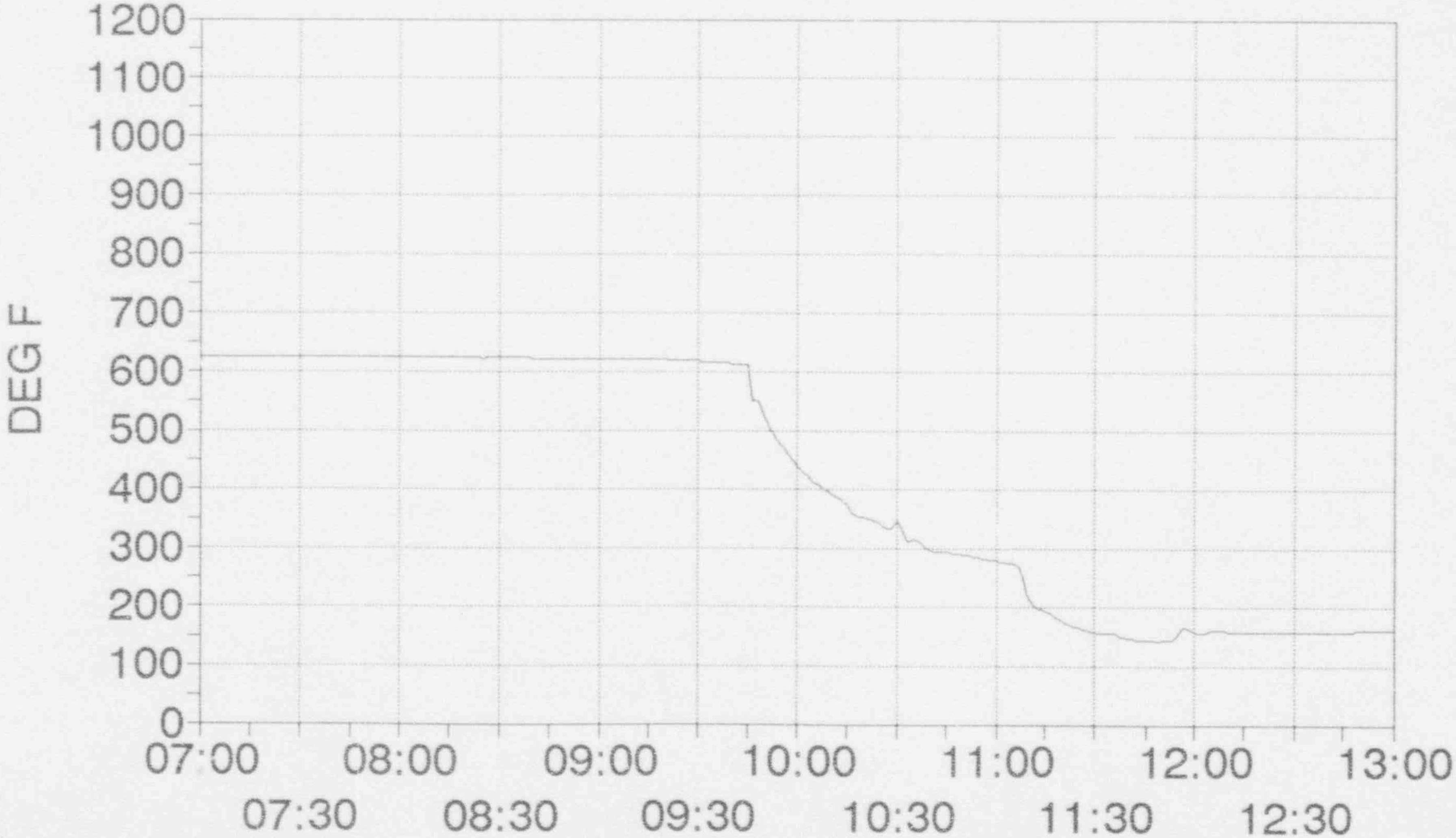
1993 ANNUAL DRILL



H15 THERMOCOUPLE TEMPERATURE

FARLEY NUCLEAR PLANT

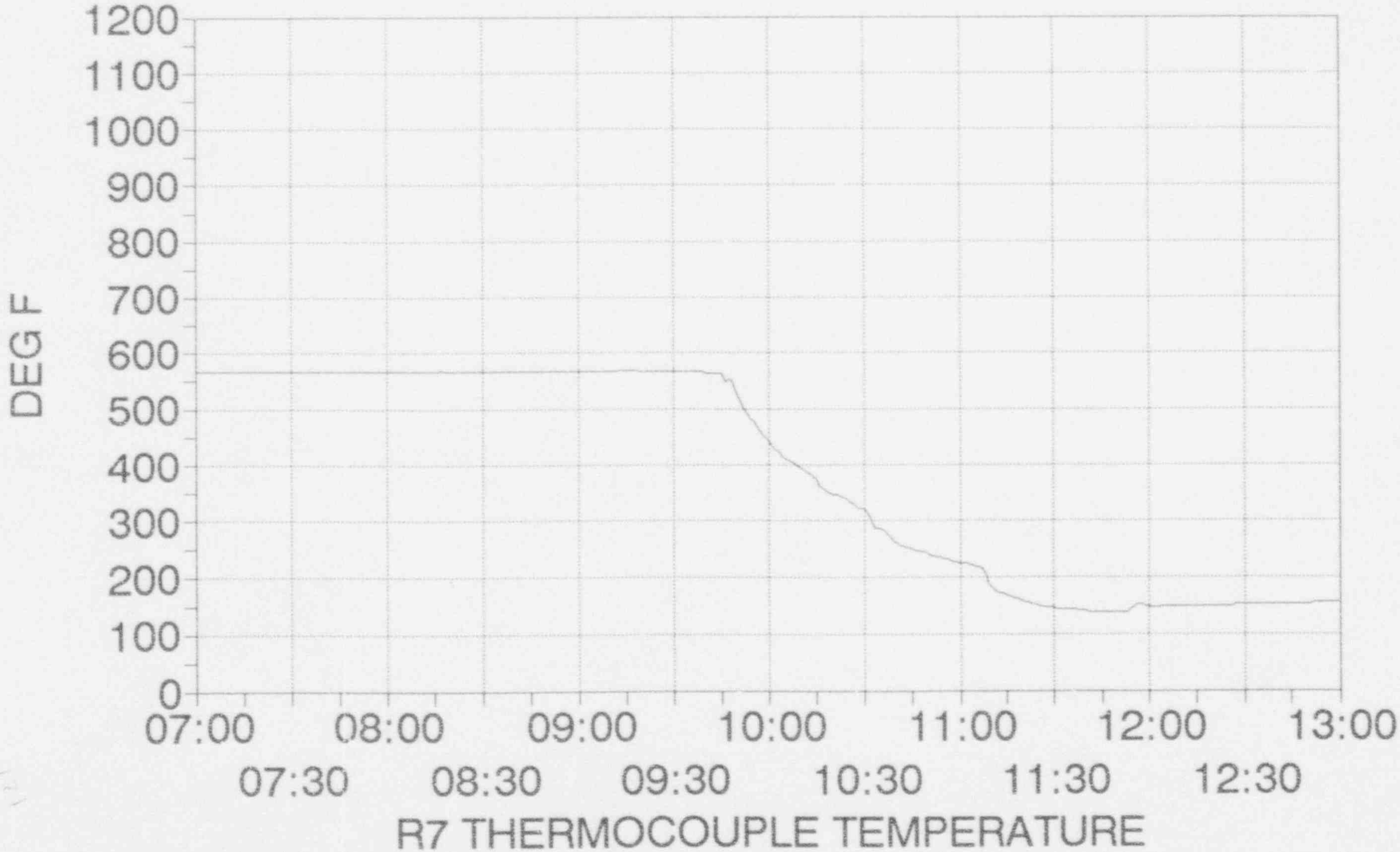
1993 ANNUAL DRILL



H9 THERMOCOUPLE TEMPERATURE

FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



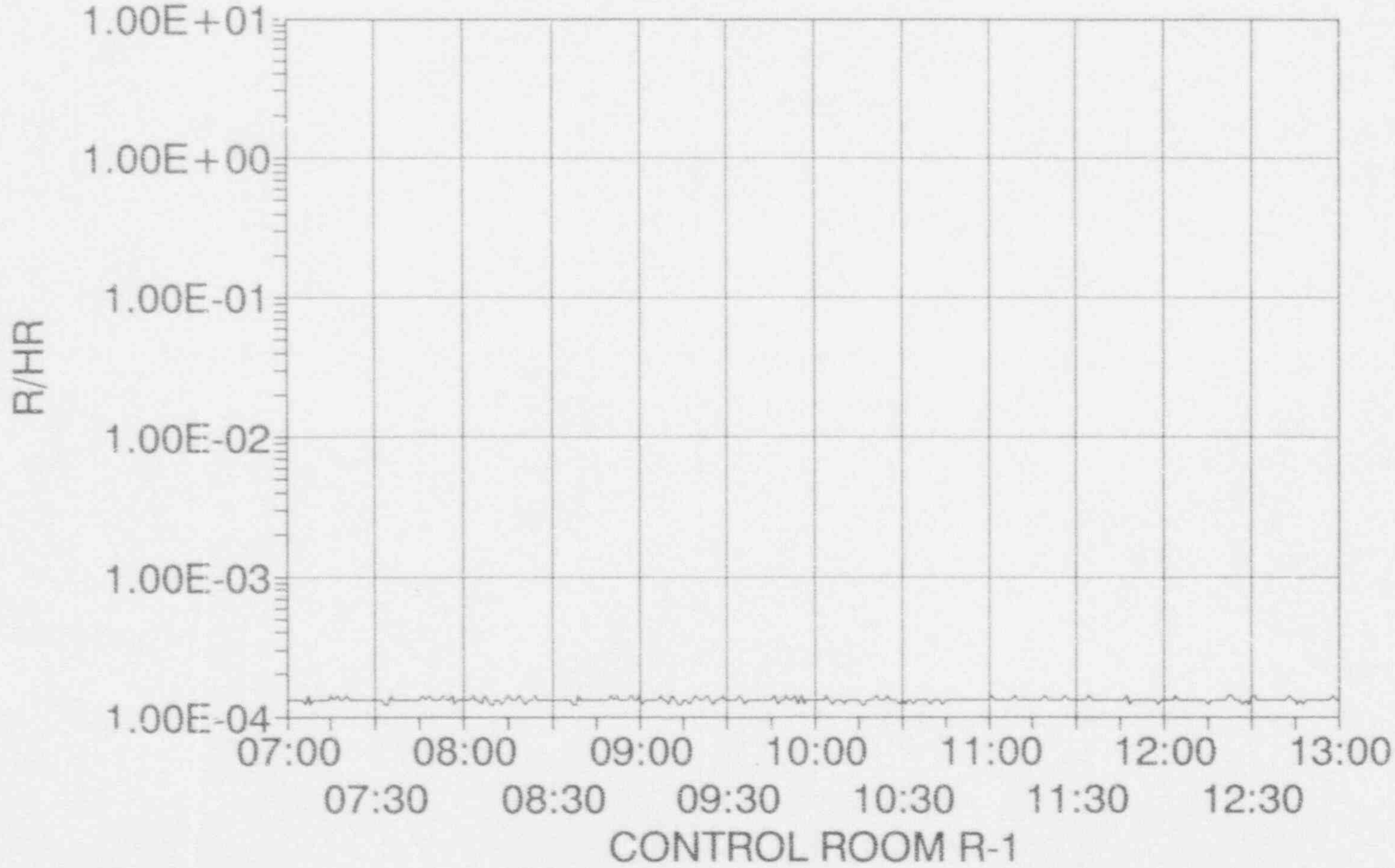
RADIATION MONITOR GRAPHS

Graphs are provided to allow the controller to interpolate readings between the fifteen minute readings provided on the controller data sheets.

RADIATION MONITOR GRAPHs TABLE OF CONTENTS

FARLEY NUCLEAR PLANT

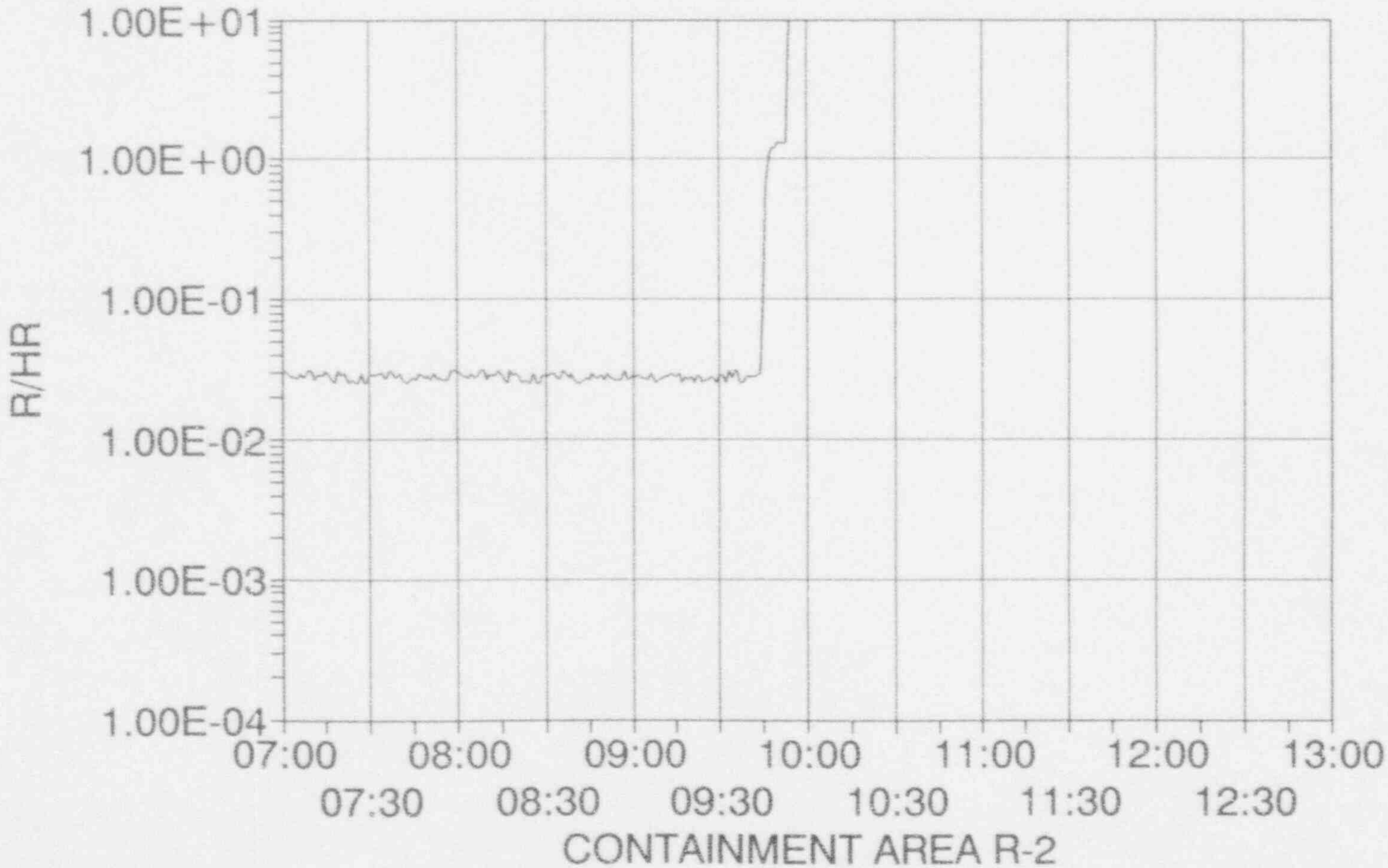
1993 ANNUAL DRILL



124

FARLEY NUCLEAR PLANT

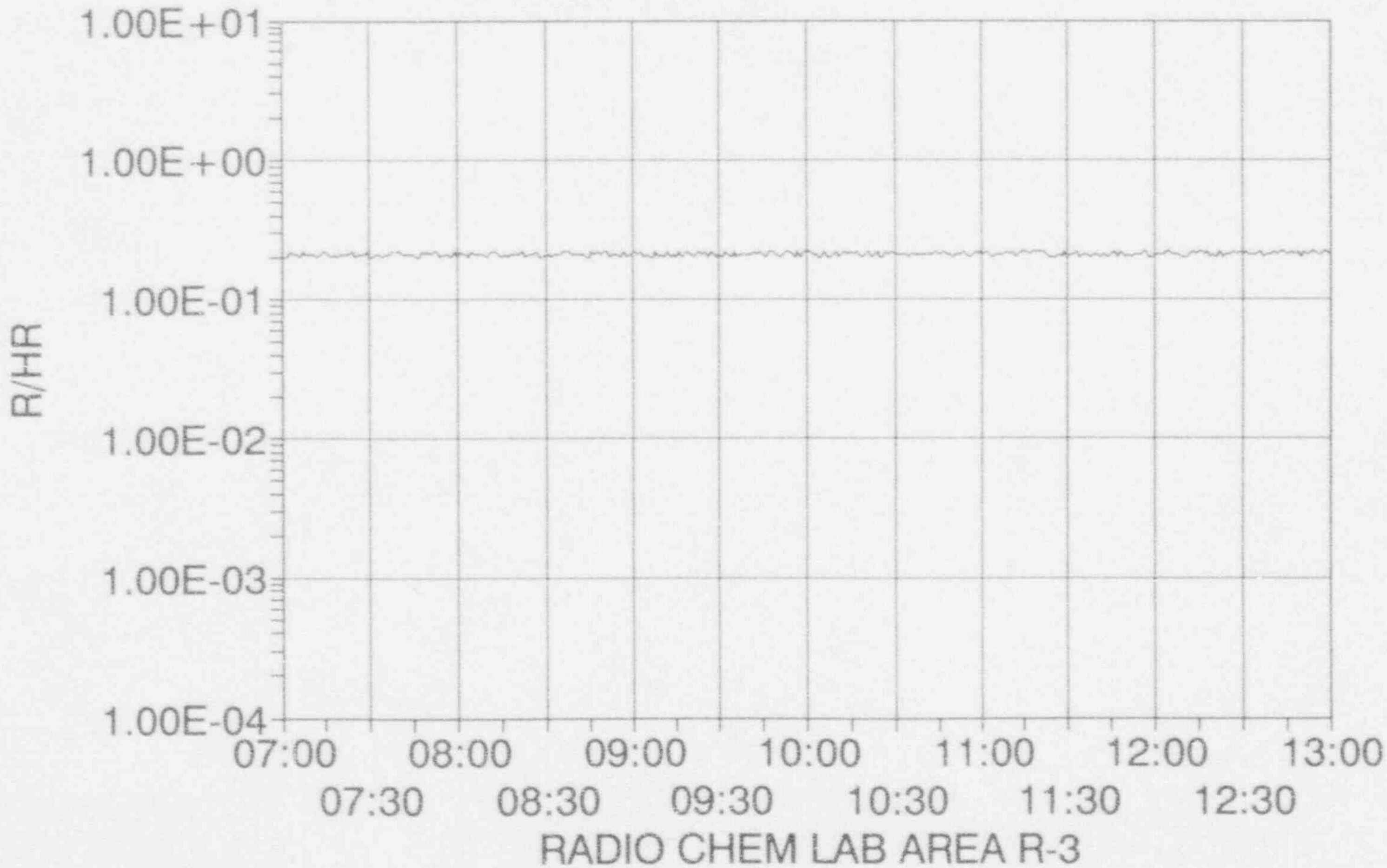
1993 ANNUAL DRILL



125

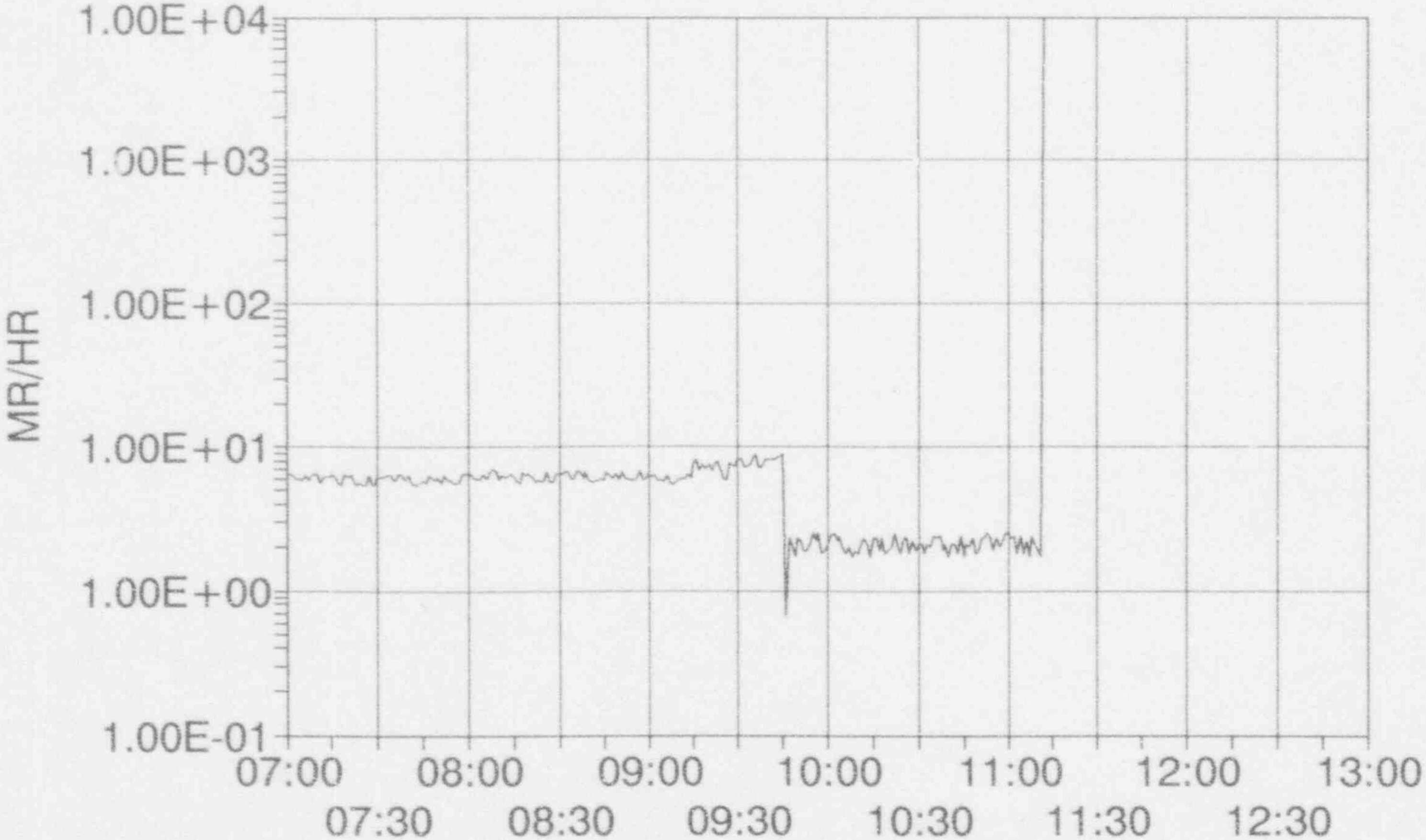
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



FARLEY NUCLEAR PLANT

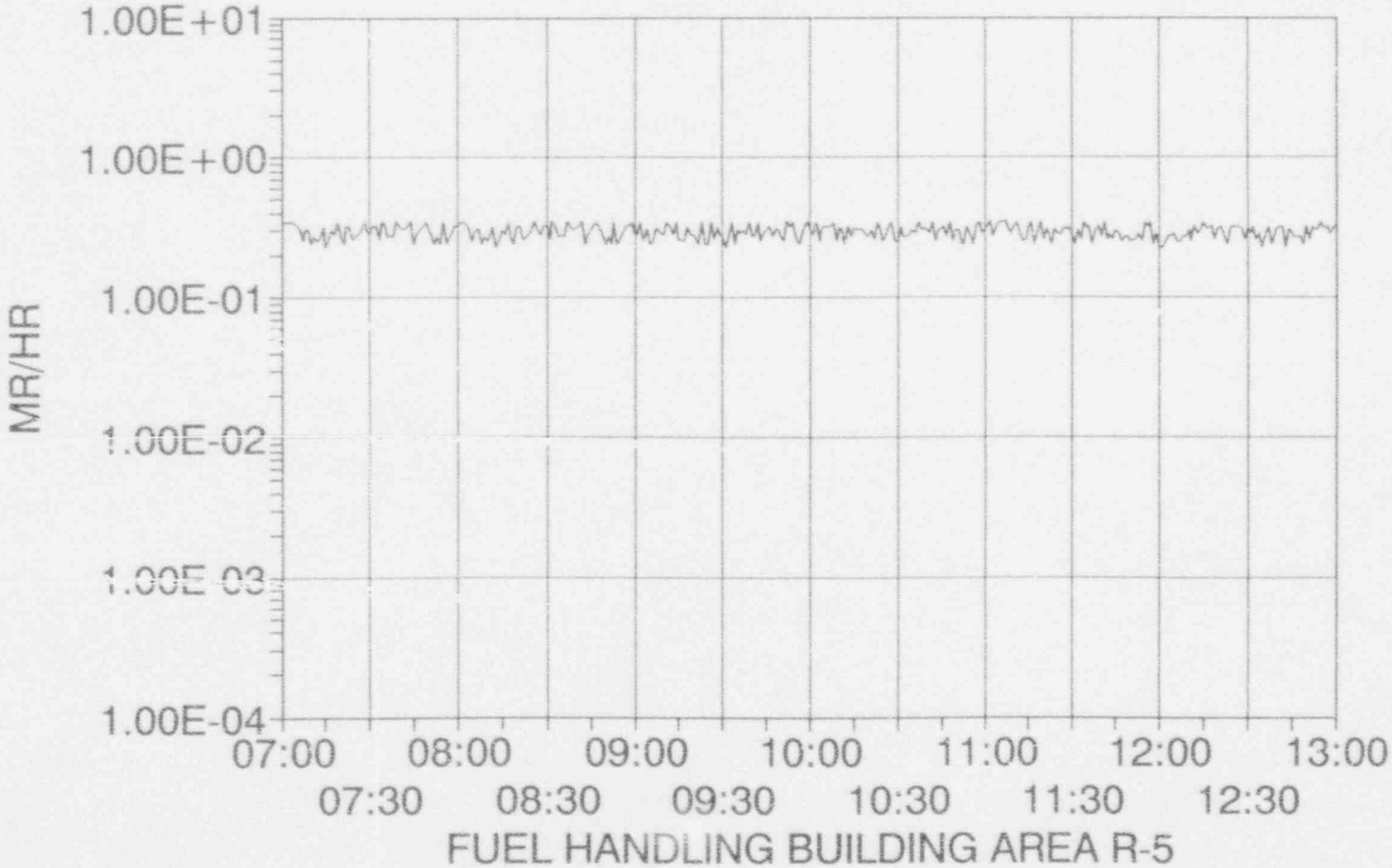
1993 ANNUAL DRILL



CHARGING PUMP ROOM AREA R-4

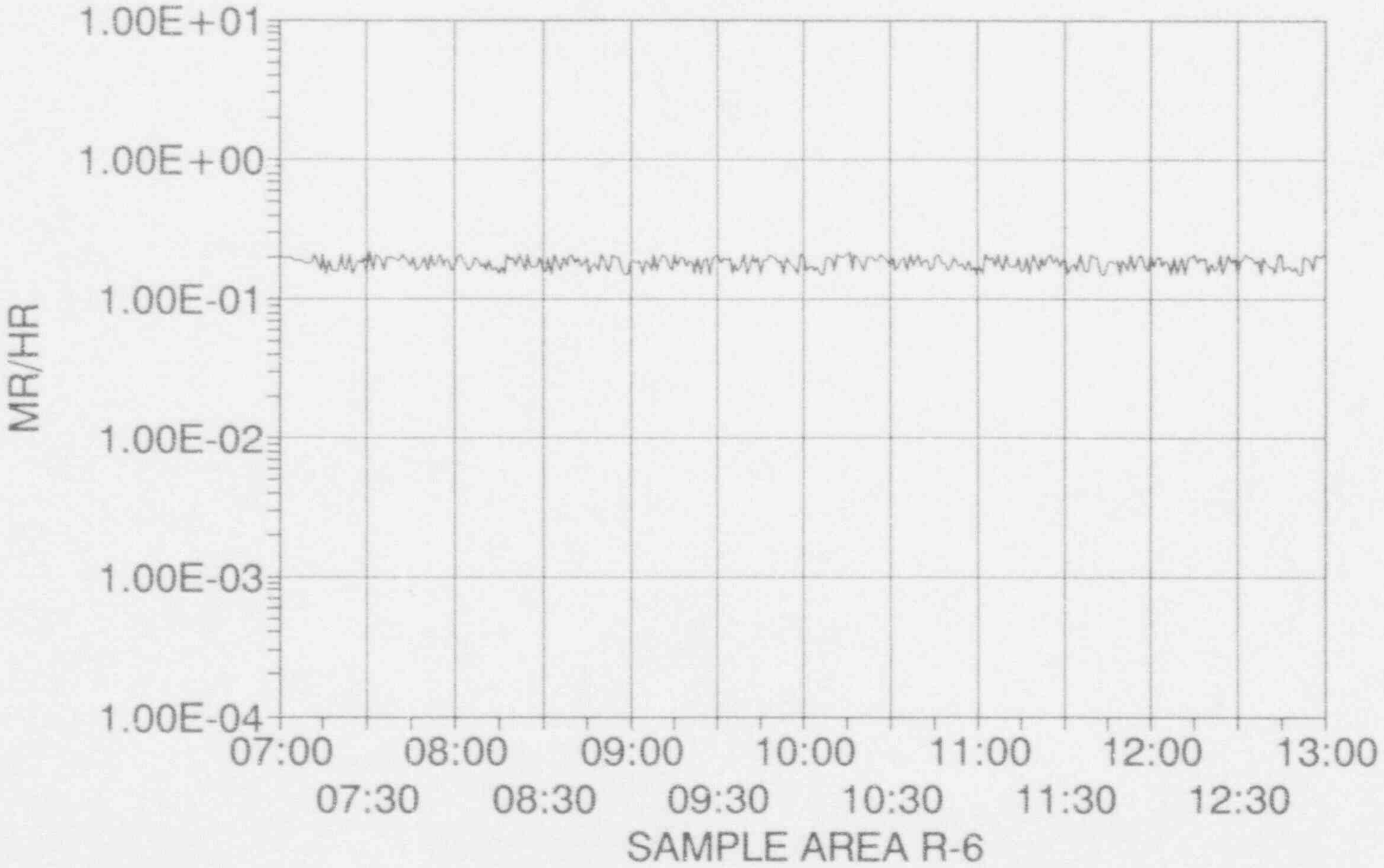
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



FARLEY NUCLEAR PLANT

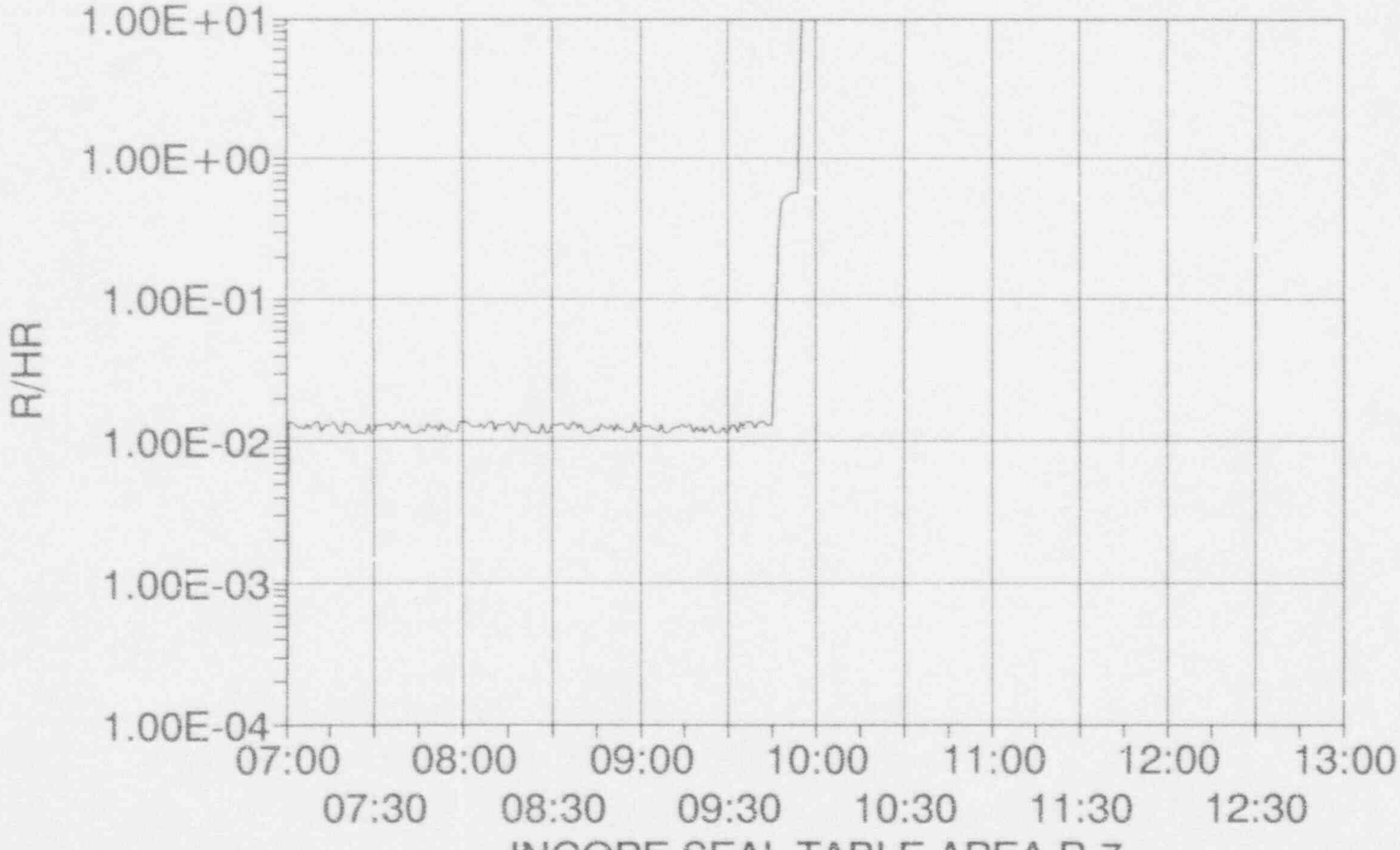
1993 ANNUAL DRILL



129

FARLEY NUCLEAR PLANT

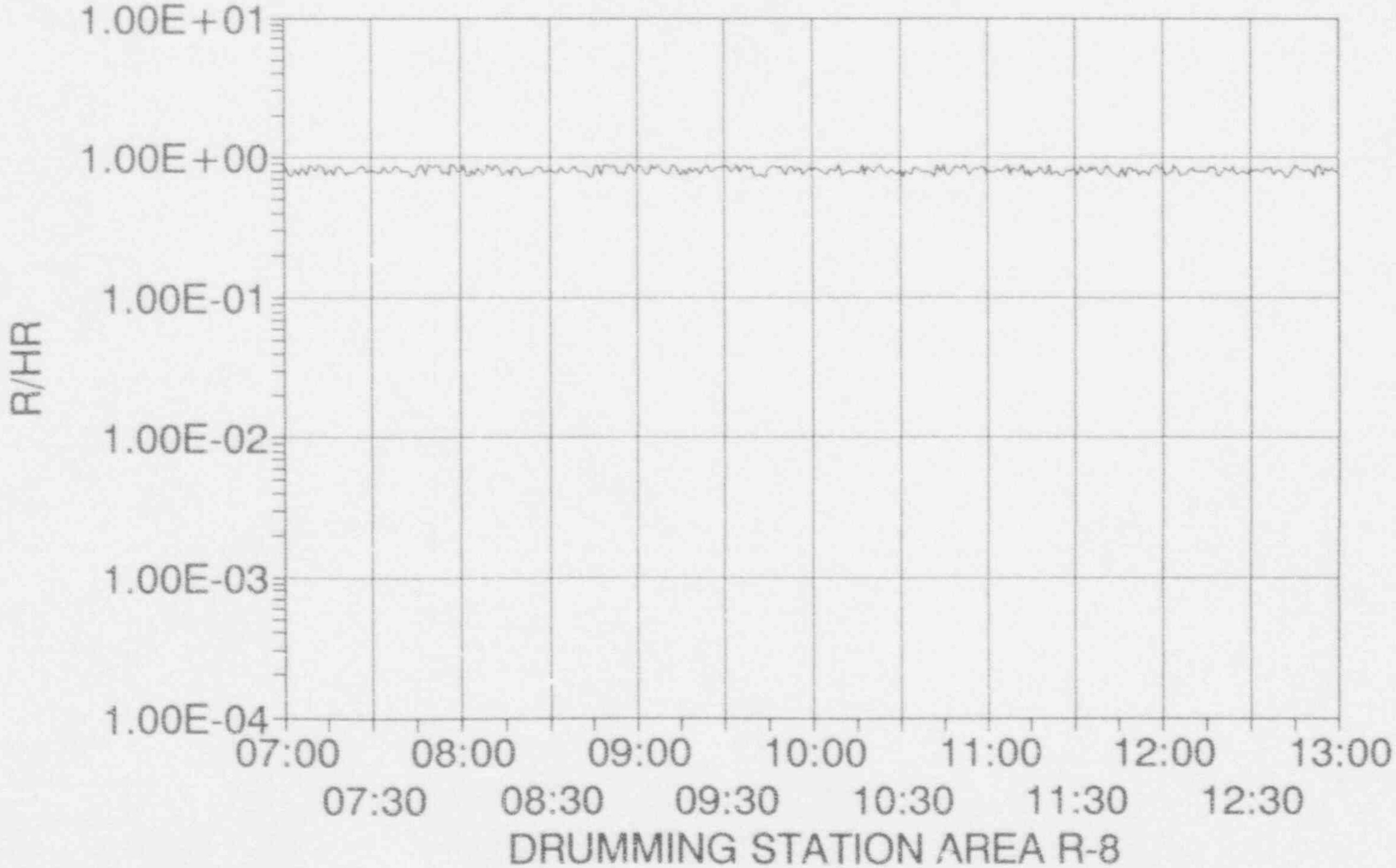
1993 ANNUAL DRILL



130

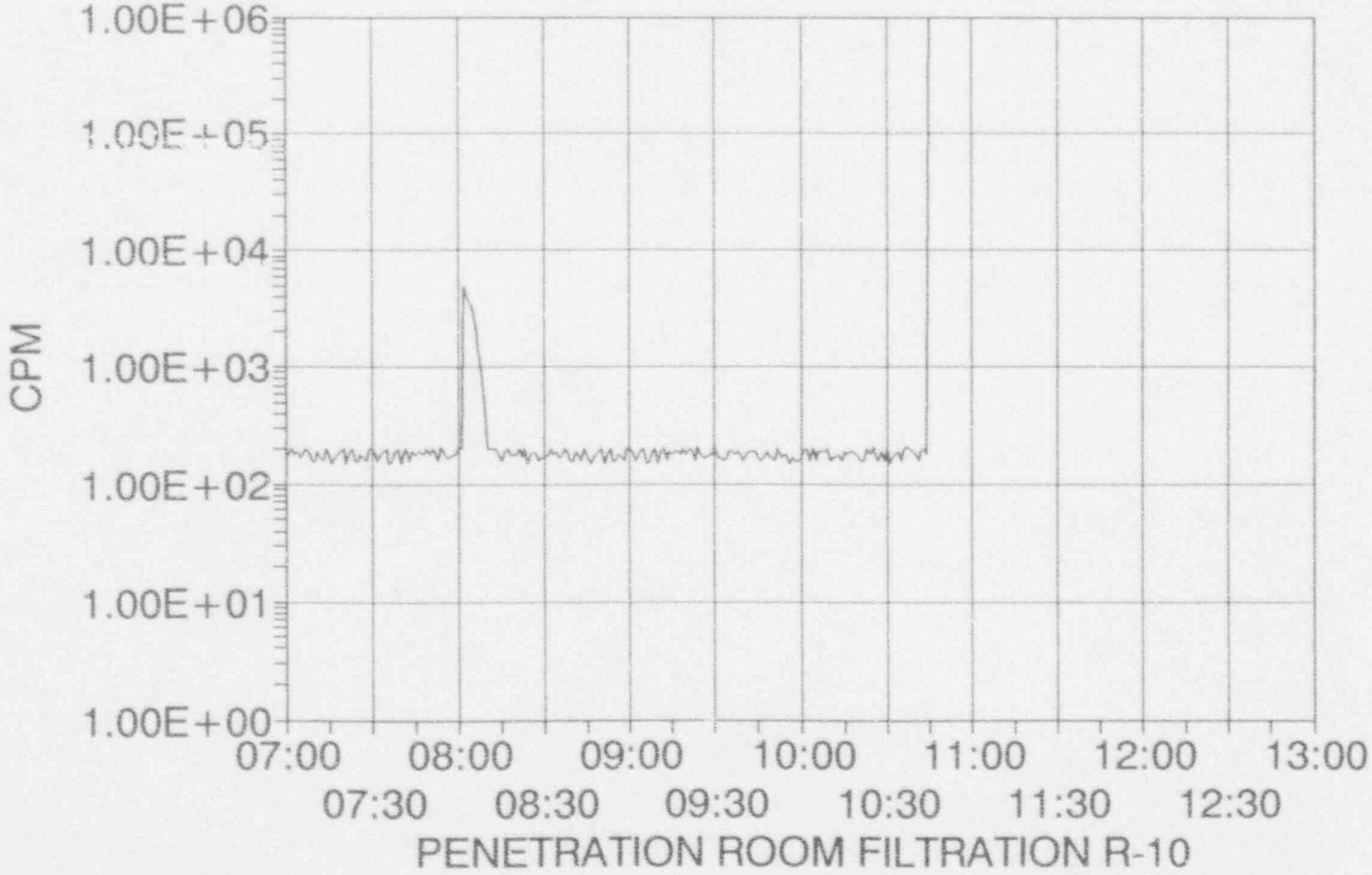
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



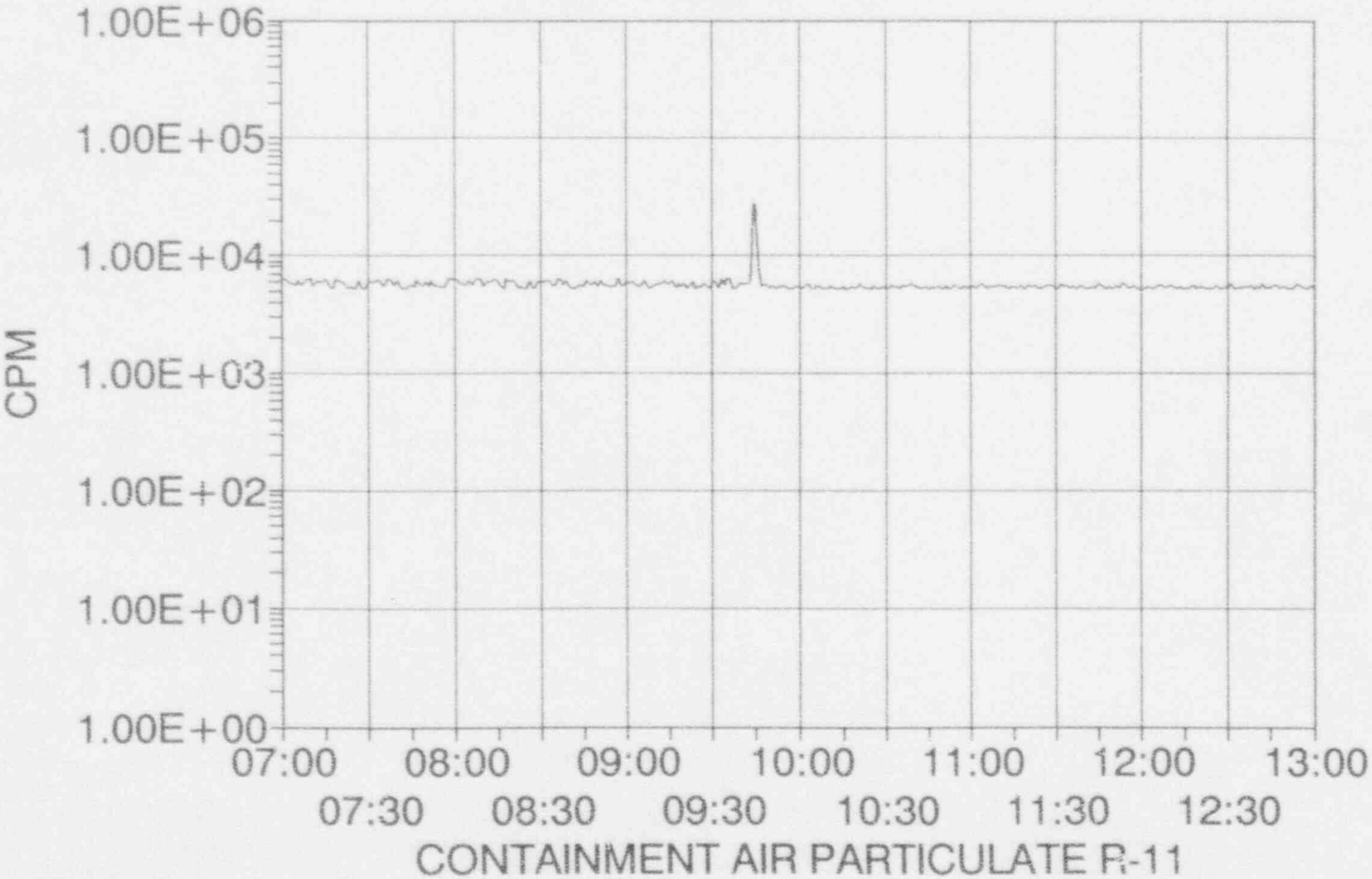
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



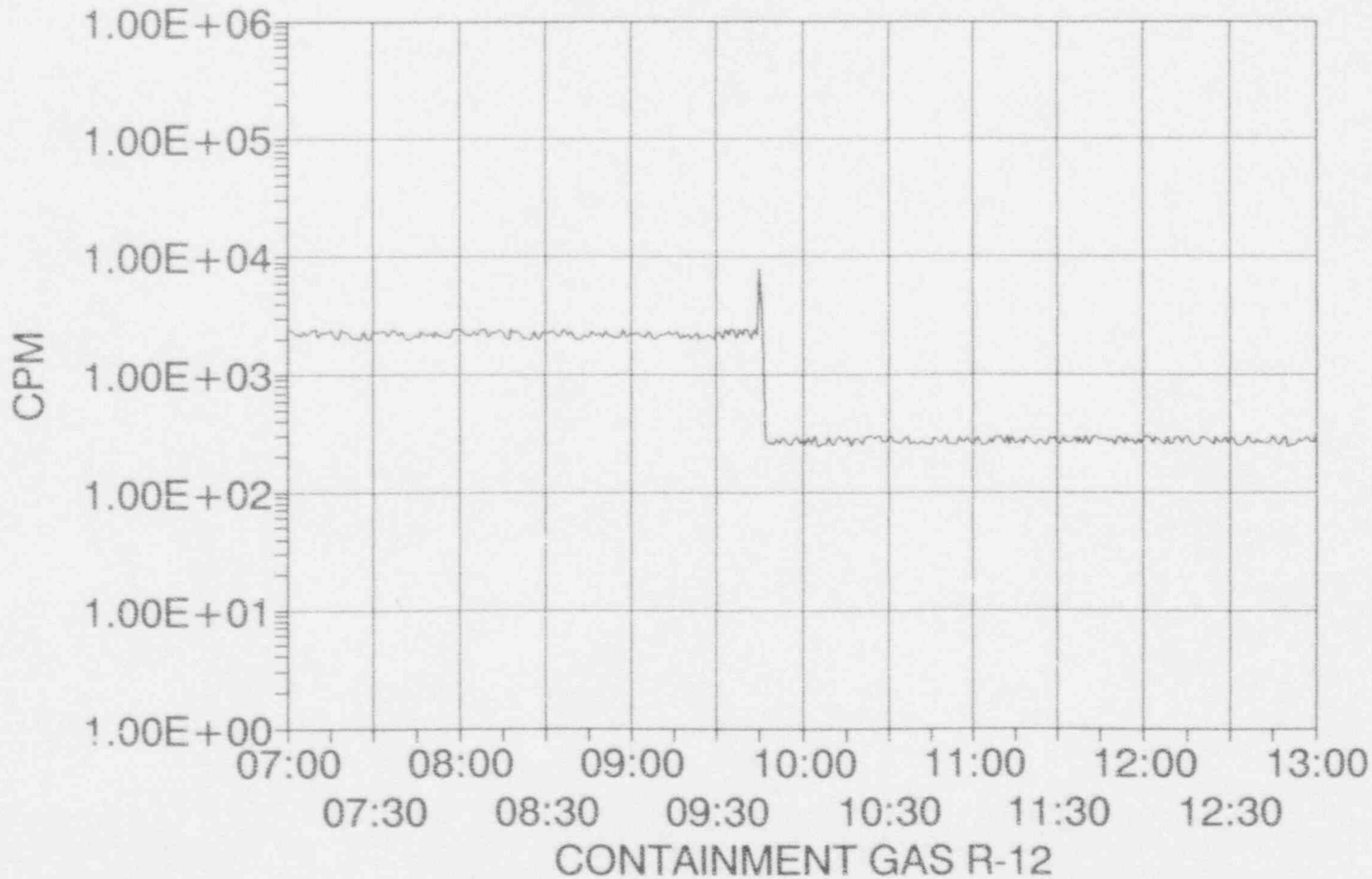
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL

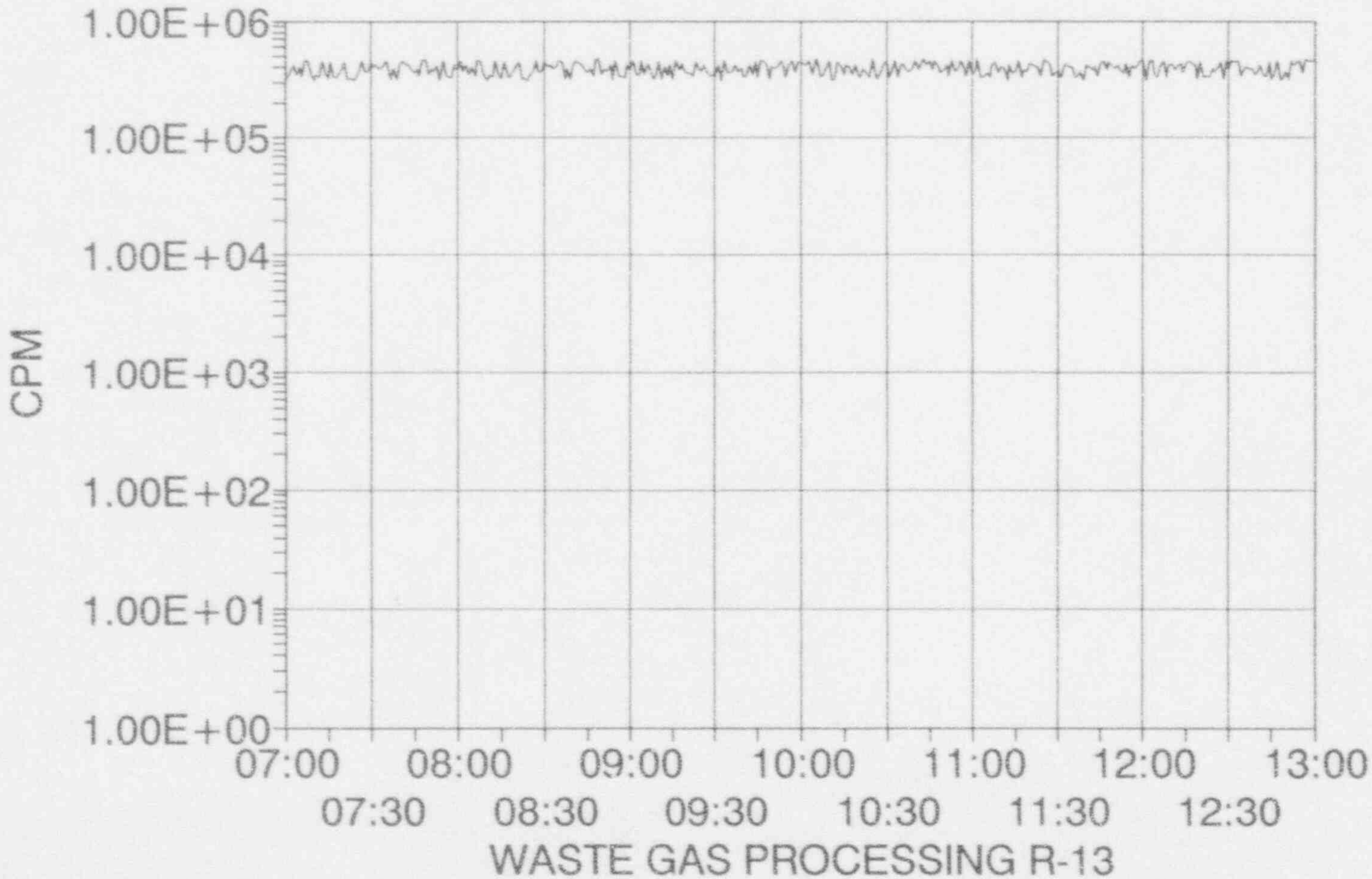


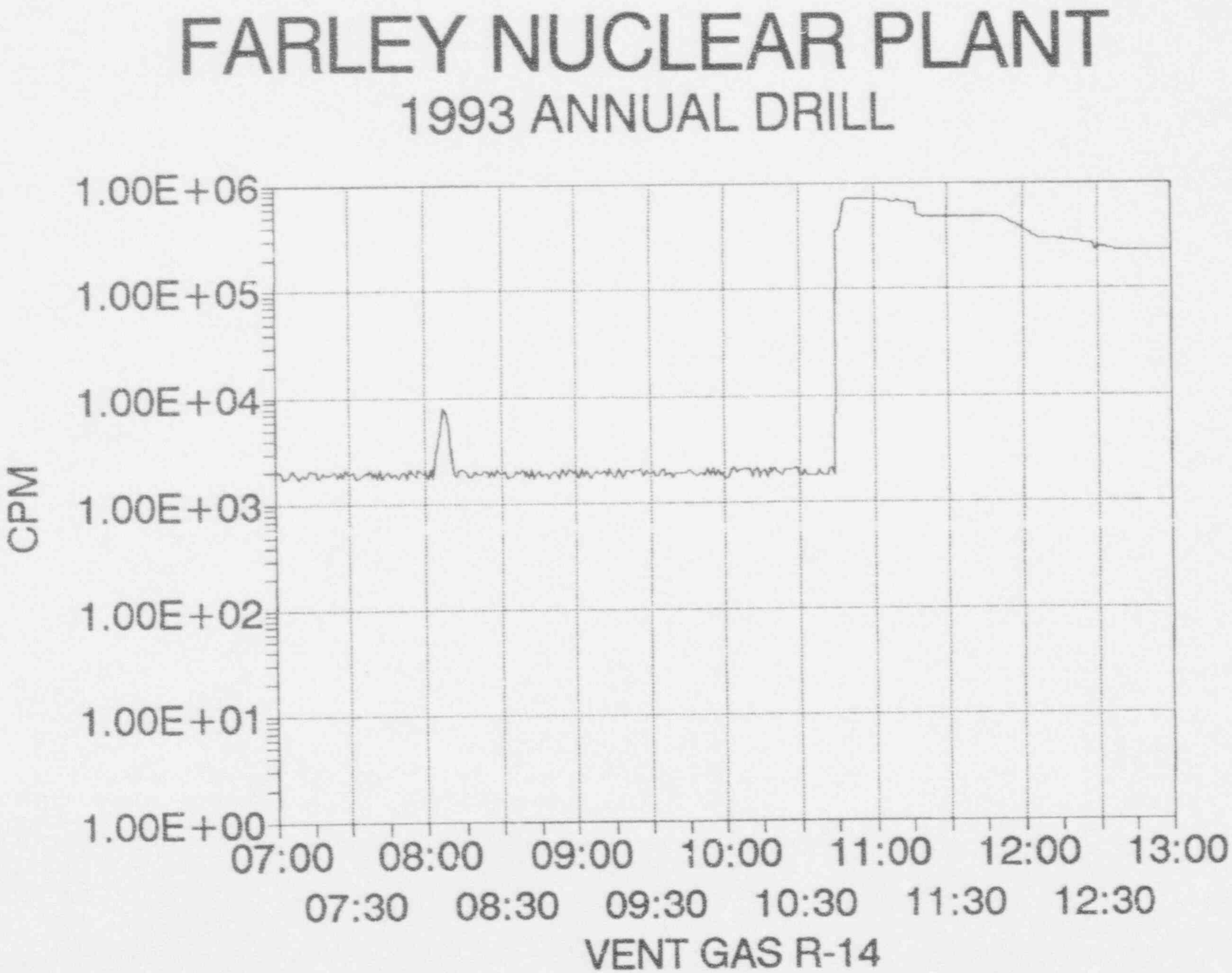
133

FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL



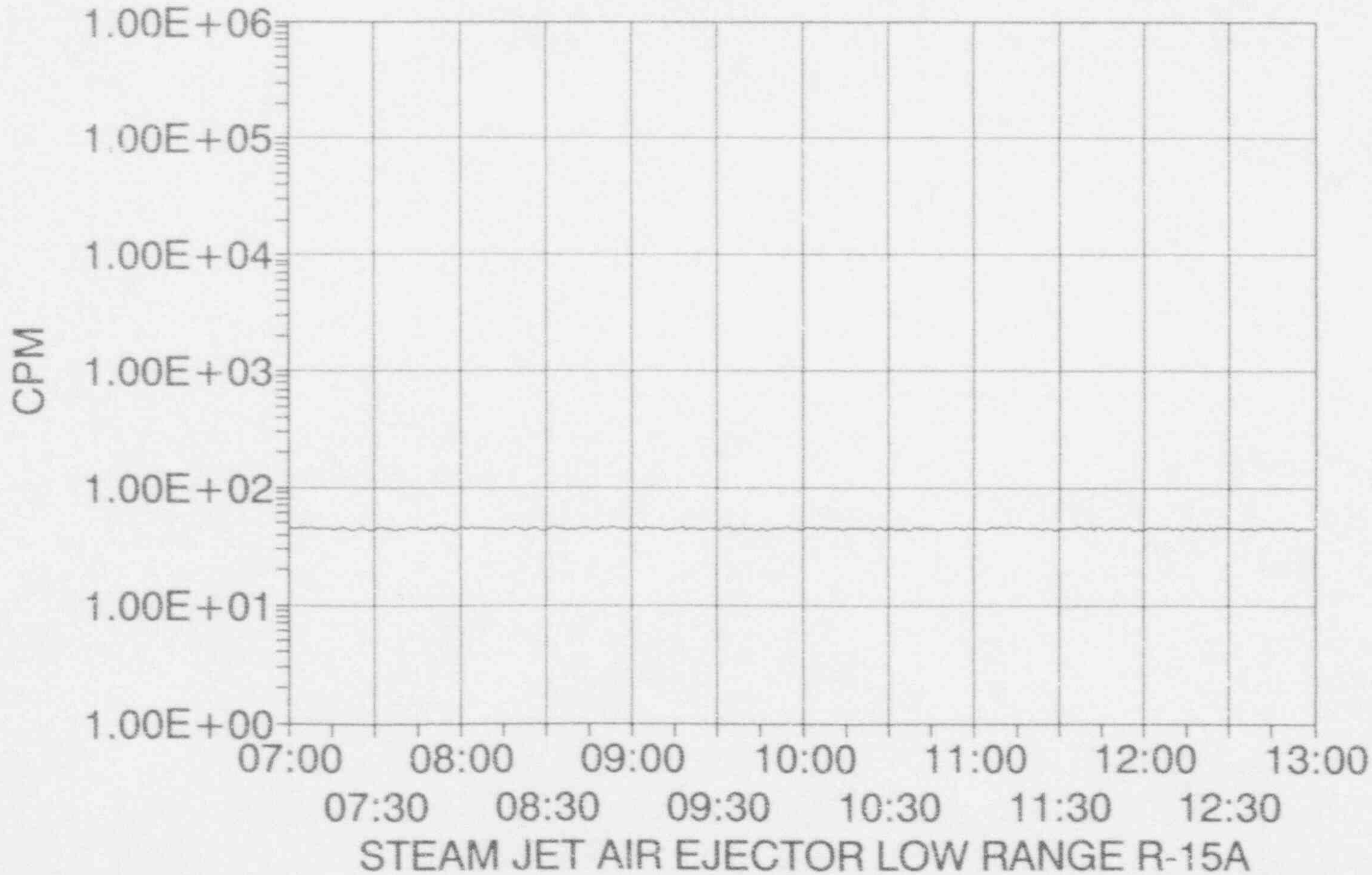
FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL



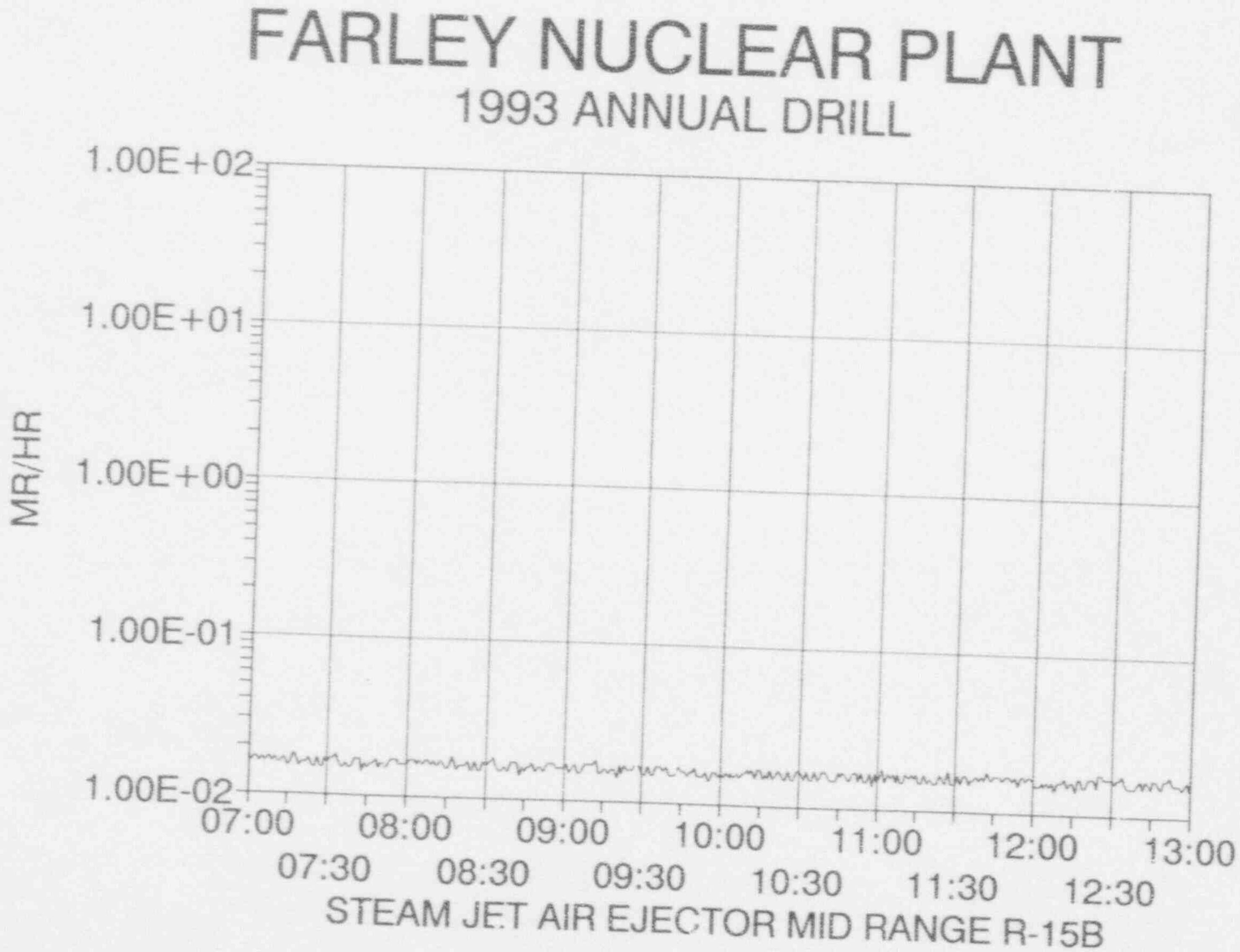

FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL
CPM
1.00E+06
1.00E+05
1.00E+04
1.00E+03
1.00E+02
1.00E+01
1.00E+00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
07:30
08:30
09:30
10:30
11:30
12:30
VENT GAS R-14

136

FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL



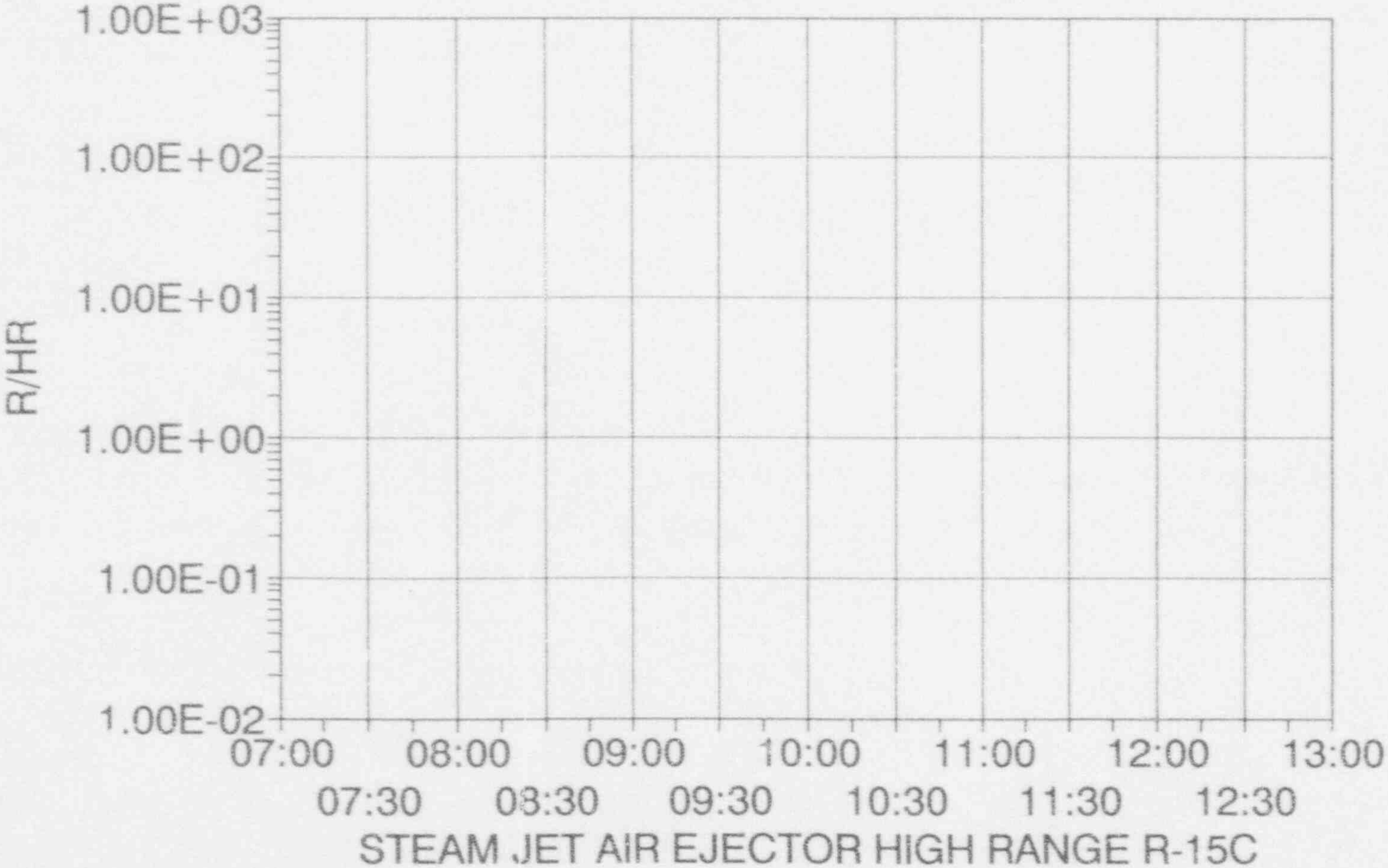
137


FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL
1.00E+02
1.00E+01
1.00E+00
1.00E-01
1.00E-02
MR/HR
07:00
08:00
09:00
10:00
11:00
12:00
13:00
07:30
08:30
09:30
10:30
11:30
12:30
STEAM JET AIR EJECTOR MID RANGE R-15B

138

FARLEY NUCLEAR PLANT

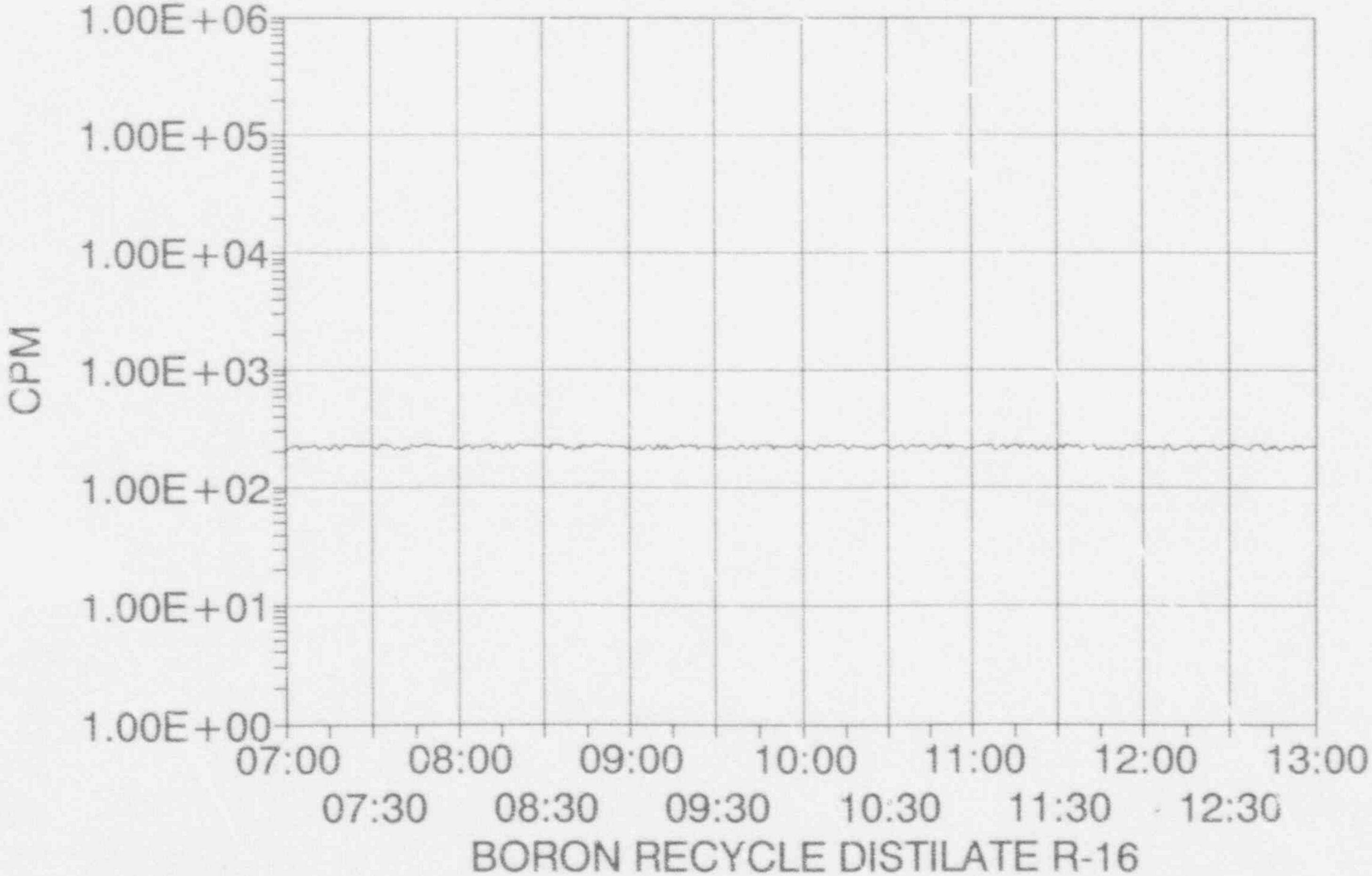
1993 ANNUAL DRILL



139

FARLEY NUCLEAR PLANT

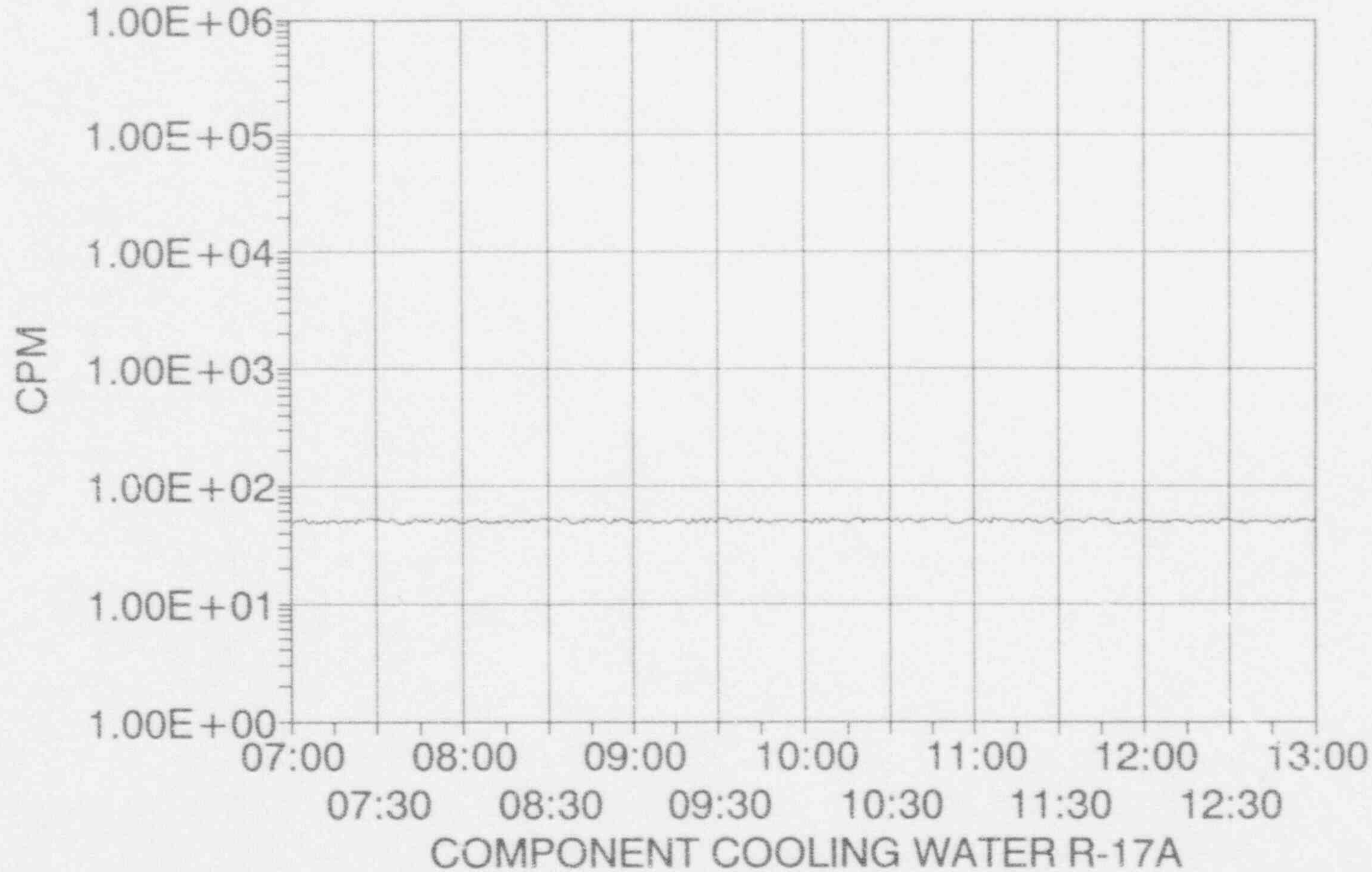
1993 ANNUAL DRILL



140

FARLEY NUCLEAR PLANT

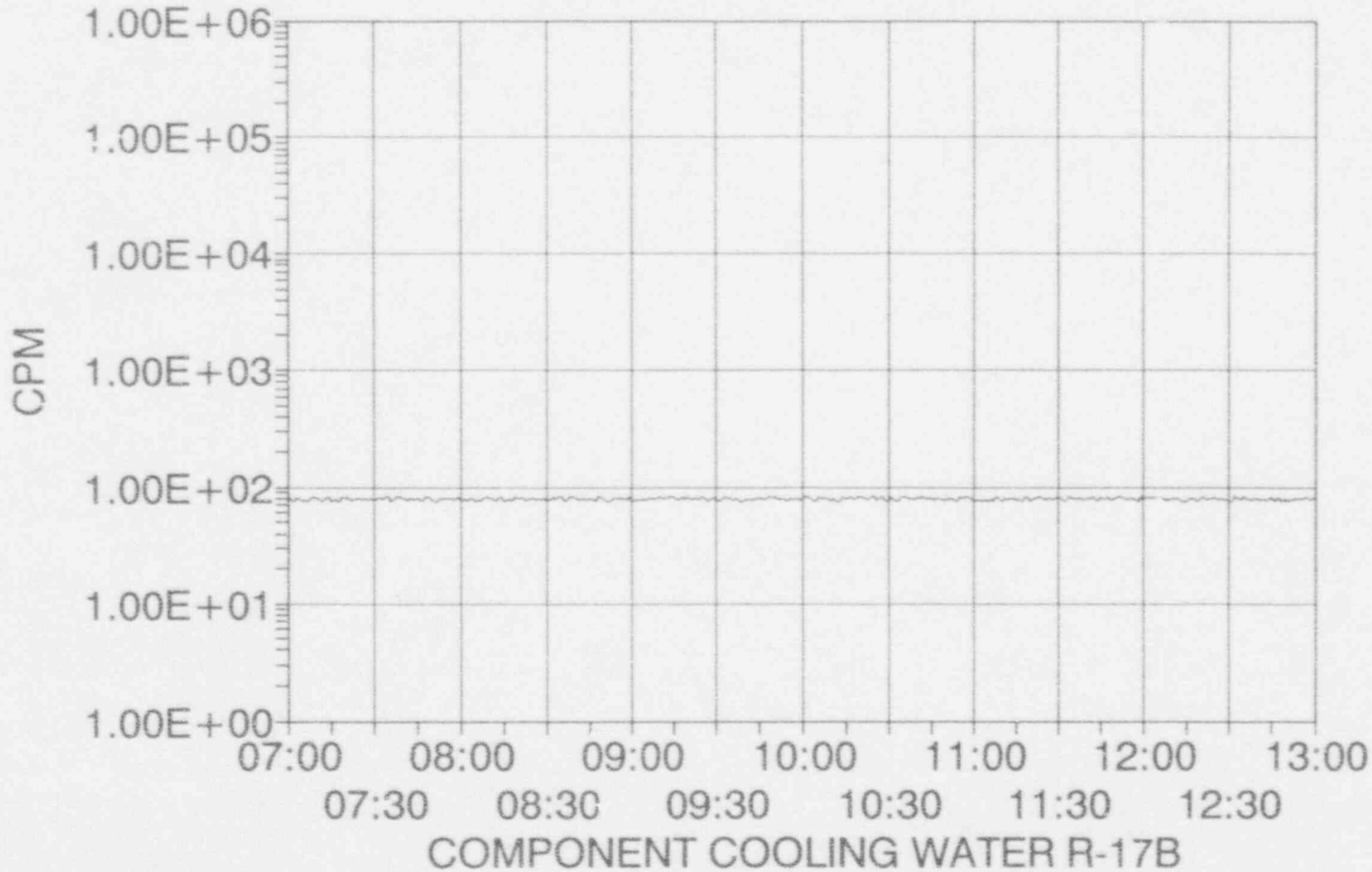
1993 ANNUAL DRILL



141

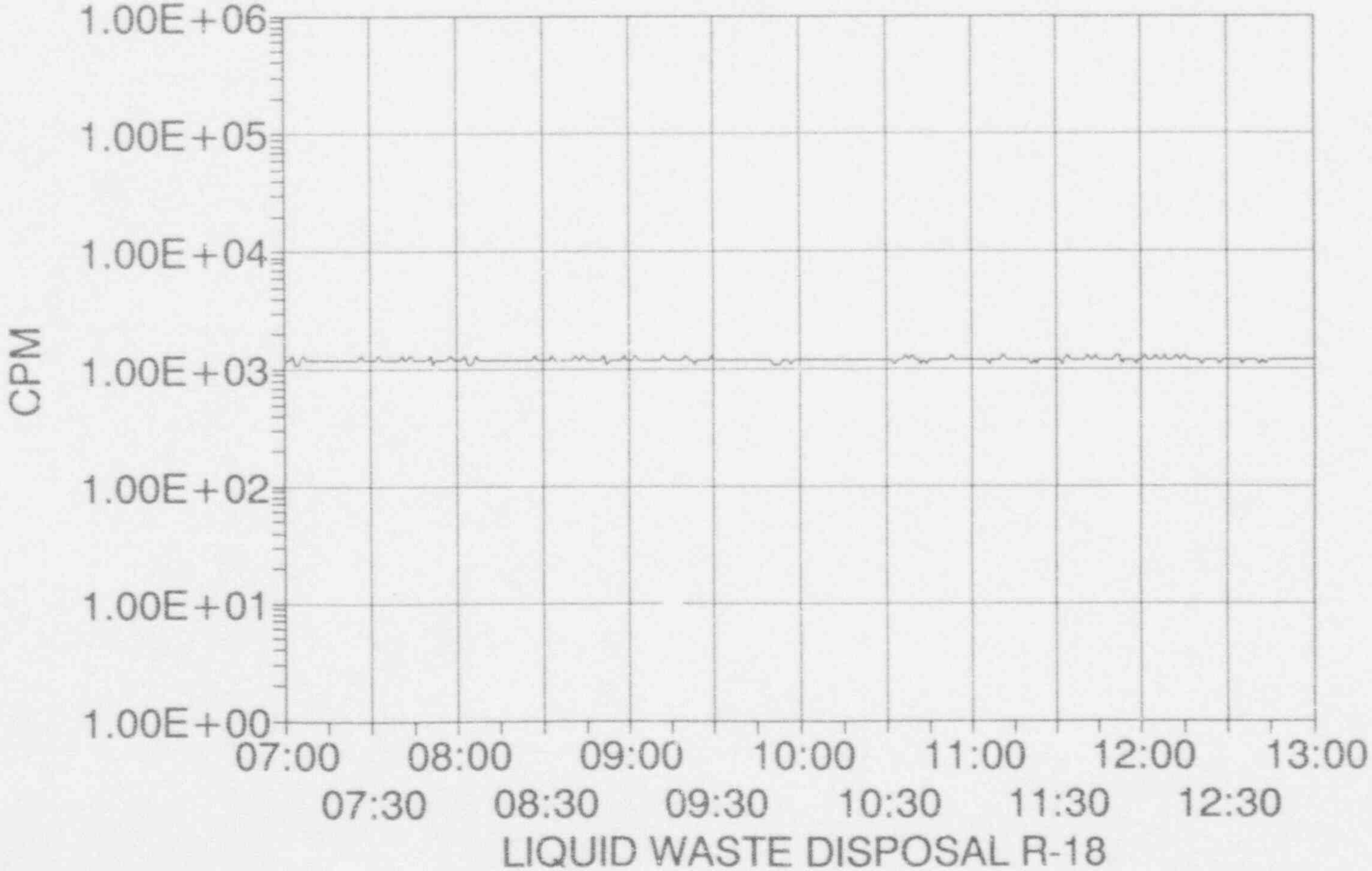
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



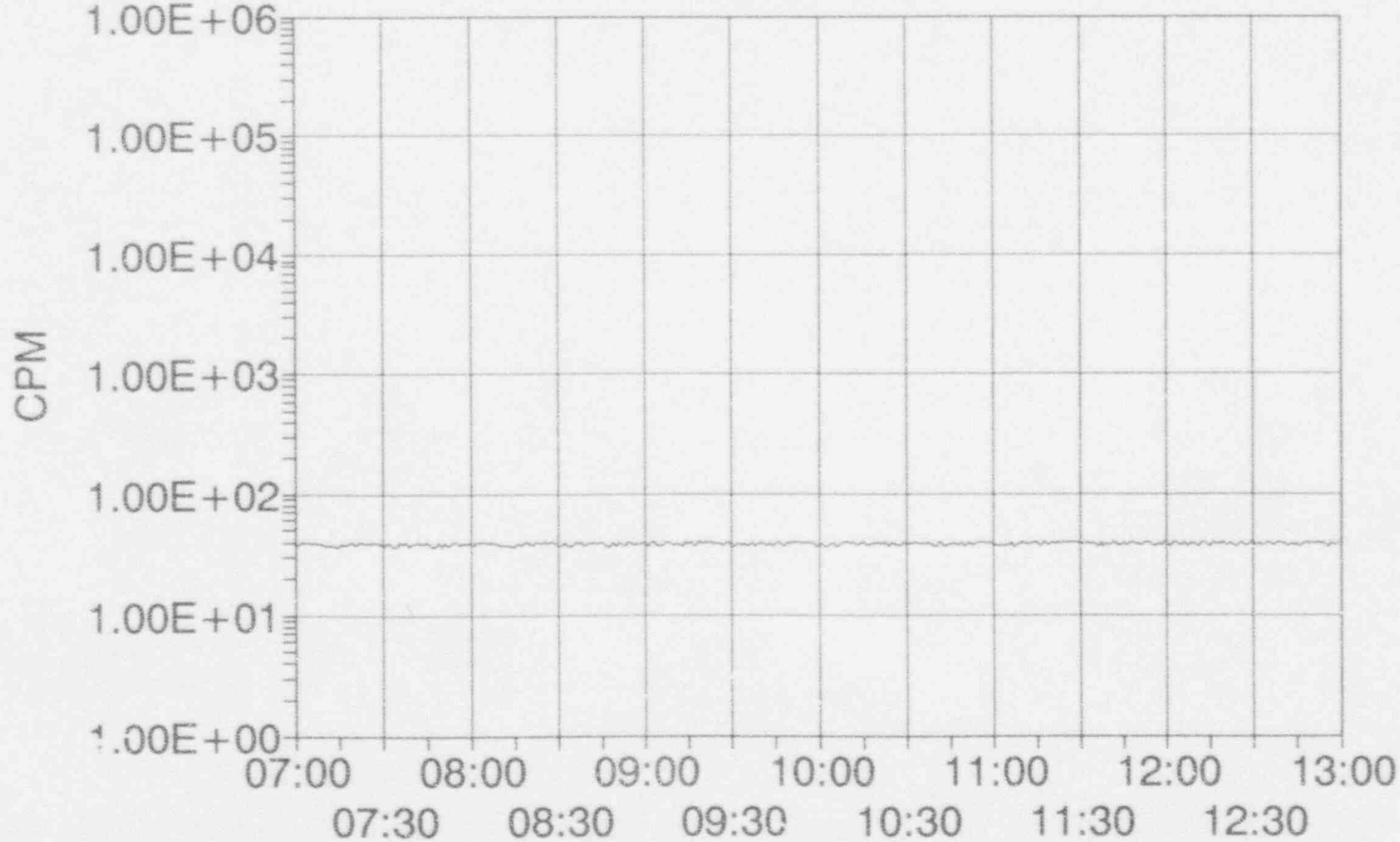
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL

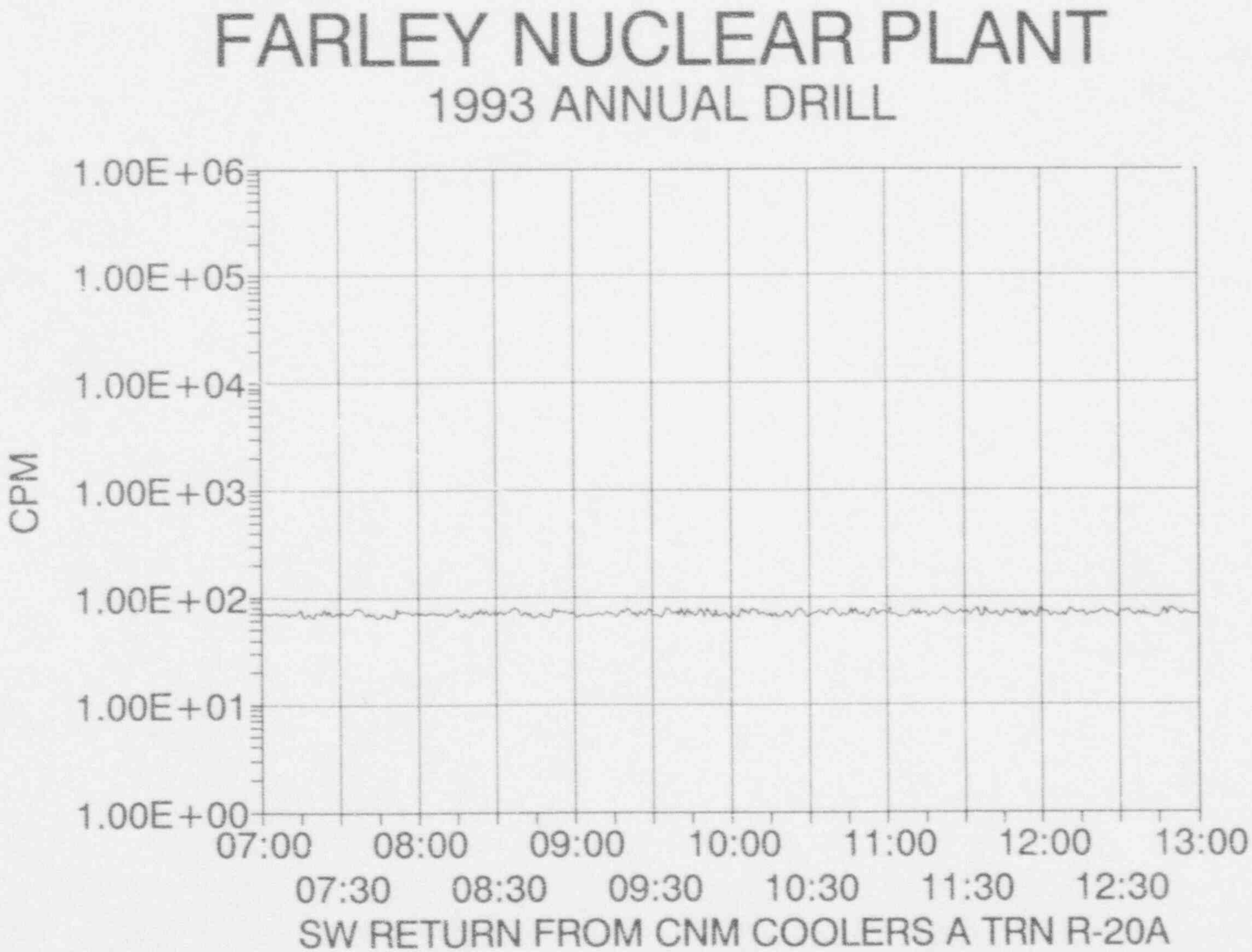


FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



STEAM GENERATOR BLOWDOWN SAMPLING R-19

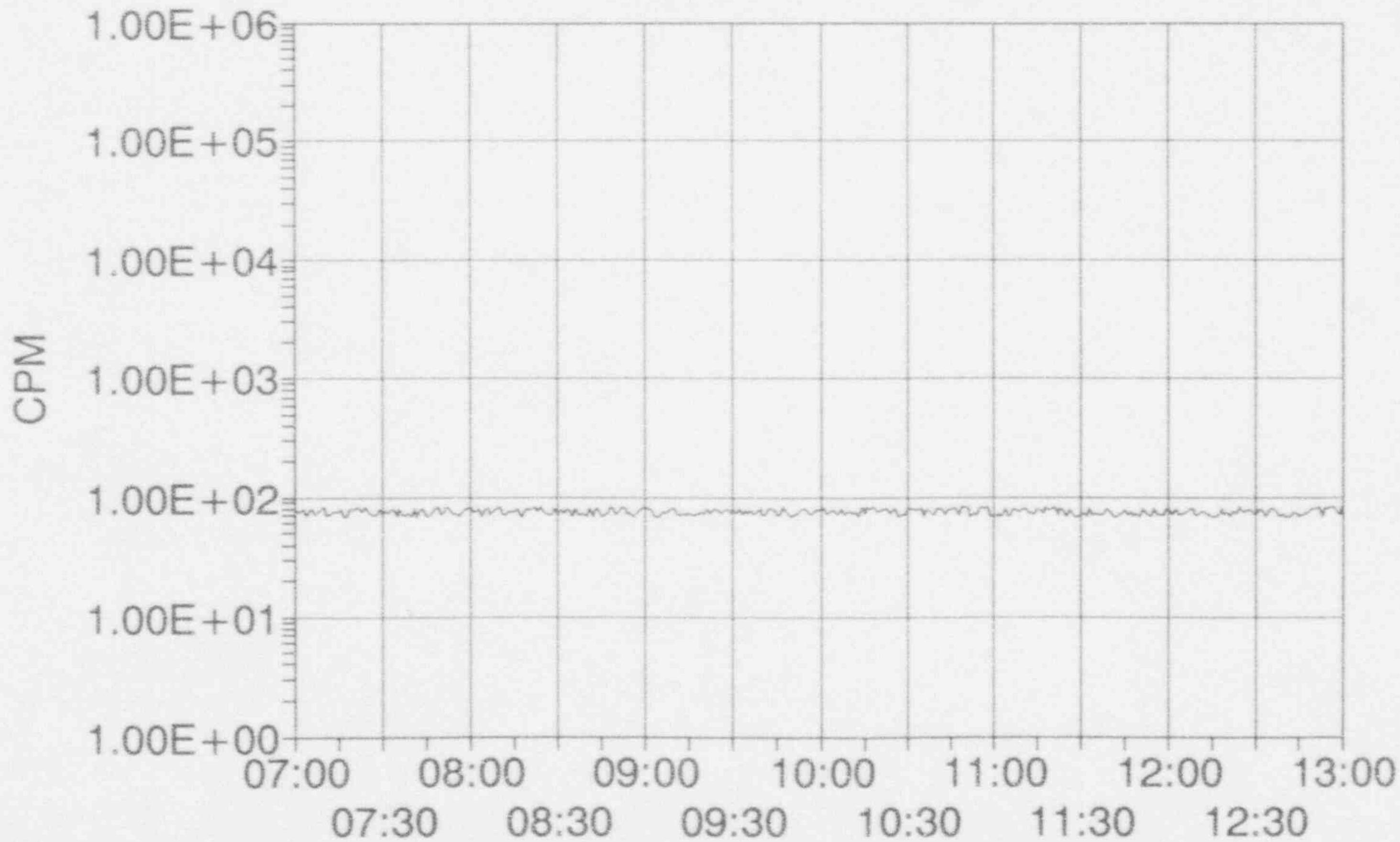


FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL
CPM
1.00E+06
1.00E+05
1.00E+04
1.00E+03
1.00E+02
1.00E+01
1.00E+00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
07:30
08:30
09:30
10:30
11:30
12:30
SW RETURN FROM CNM COOLERS A TRN R-20A

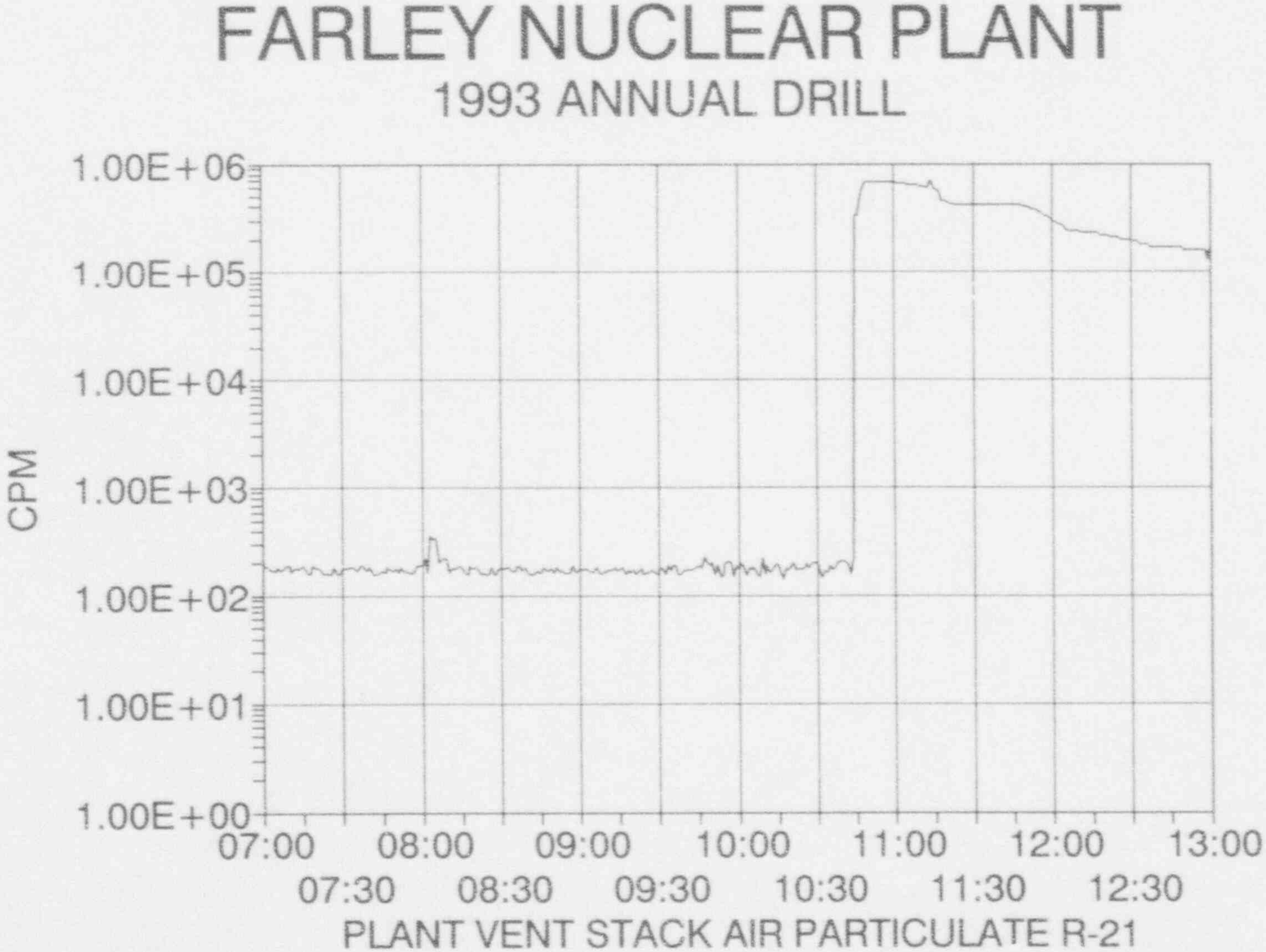
145

FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL

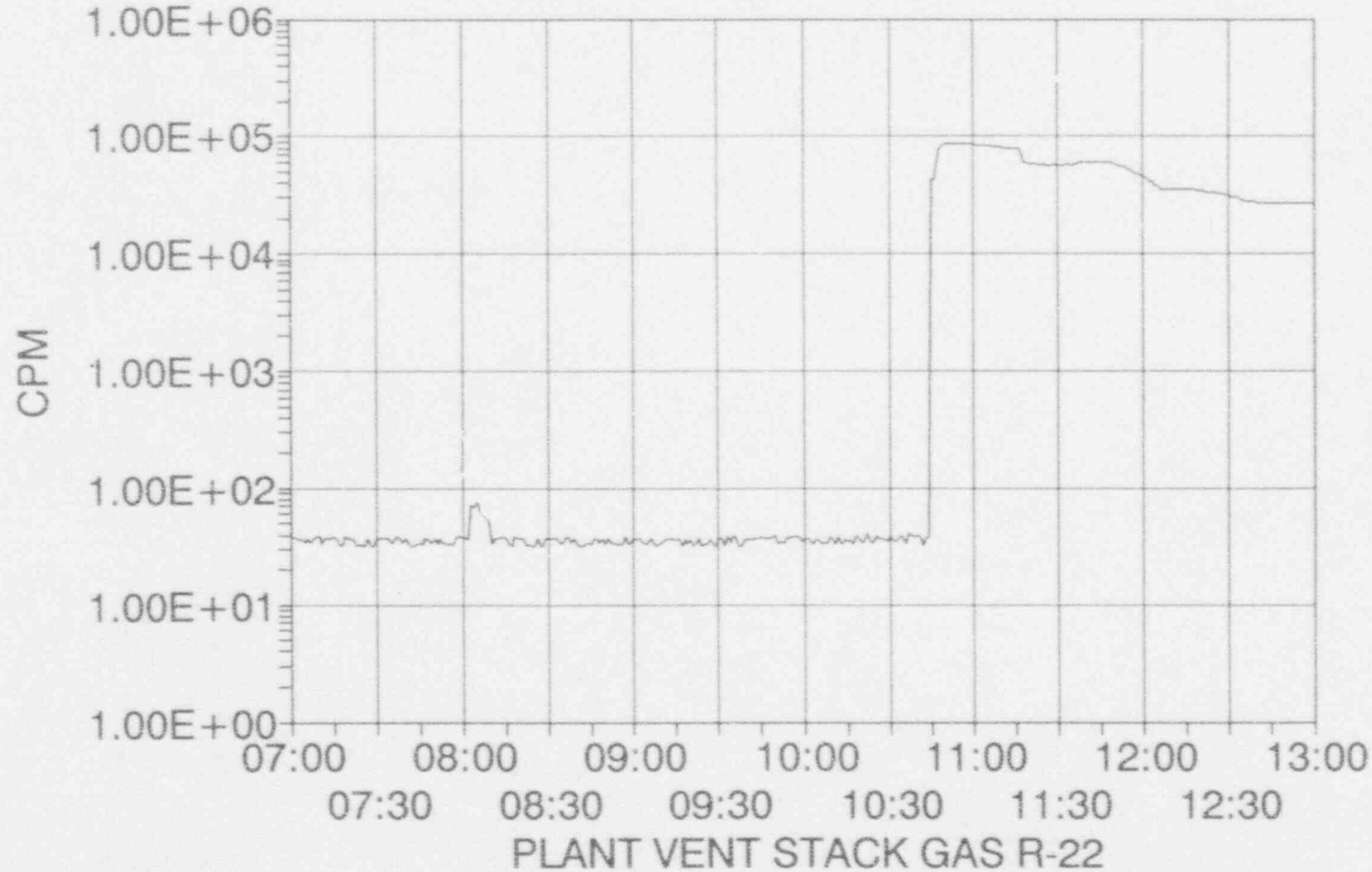


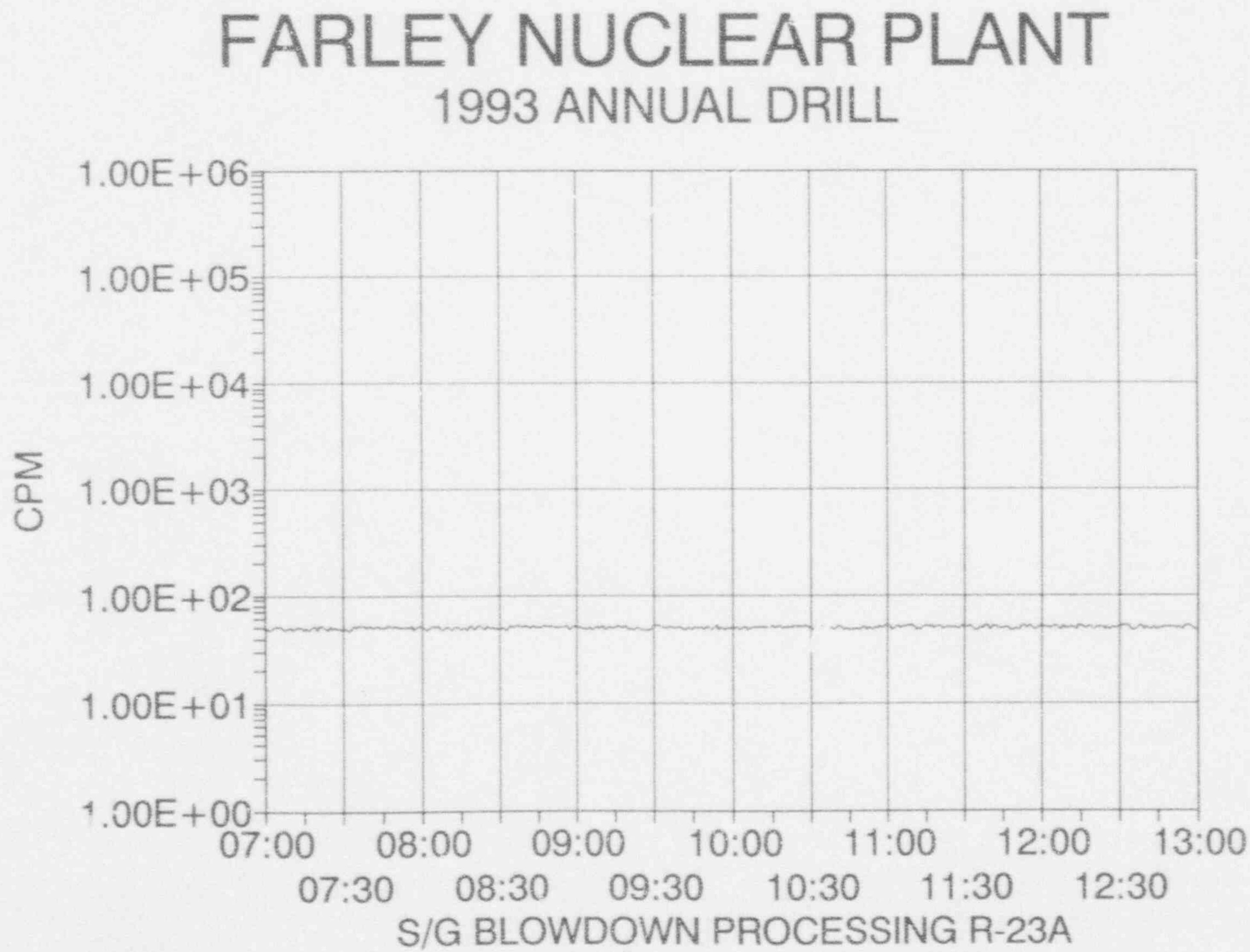
SW RETURN FROM CNM COOLERS B TRN R-20B

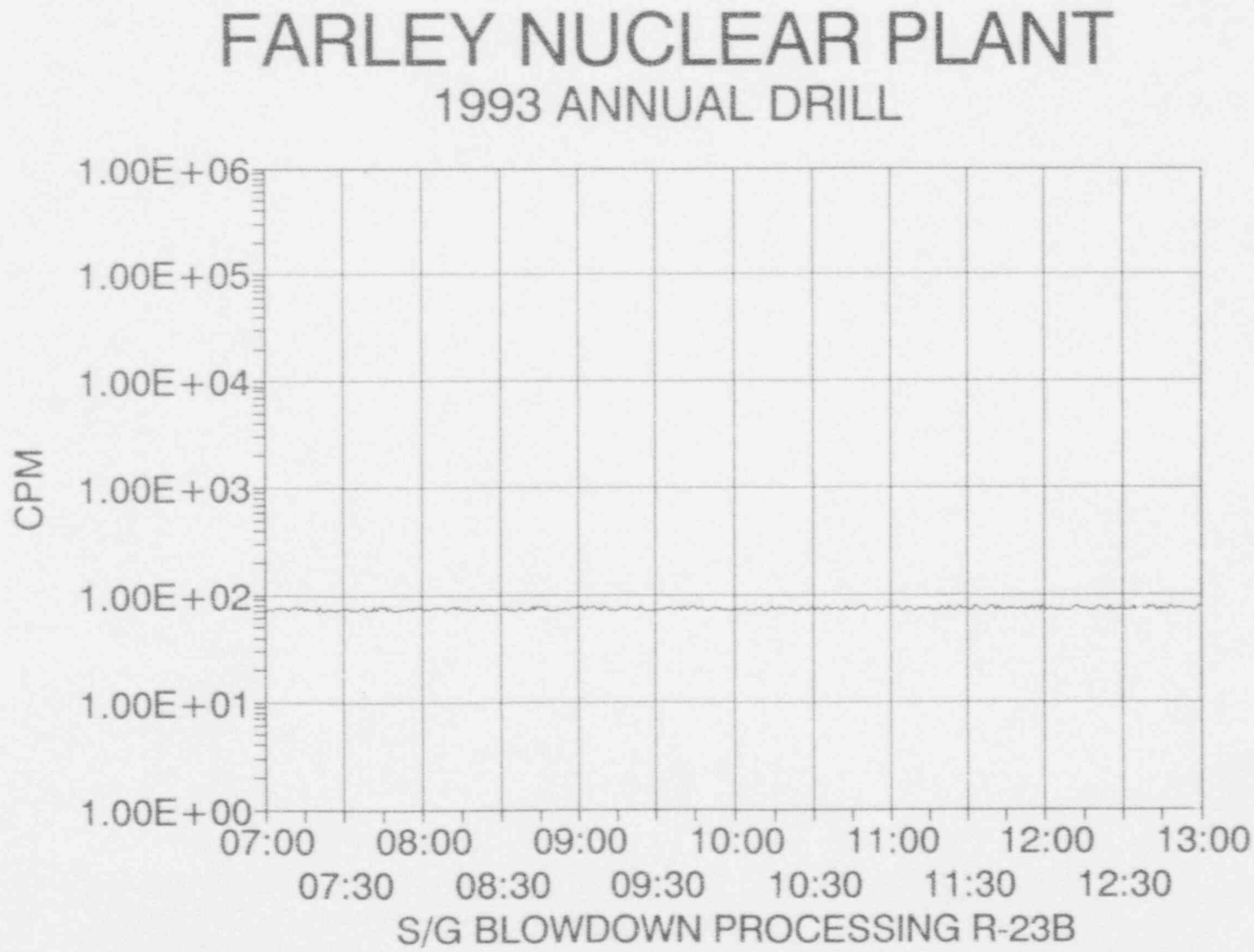

FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL
CPM
1.00E+06
1.00E+05
1.00E+04
1.00E+03
1.00E+02
1.00E+01
1.00E+00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
07:30
08:30
09:30
10:30
11:30
12:30
PLANT VENT STACK AIR PARTICULATE R-21

FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL

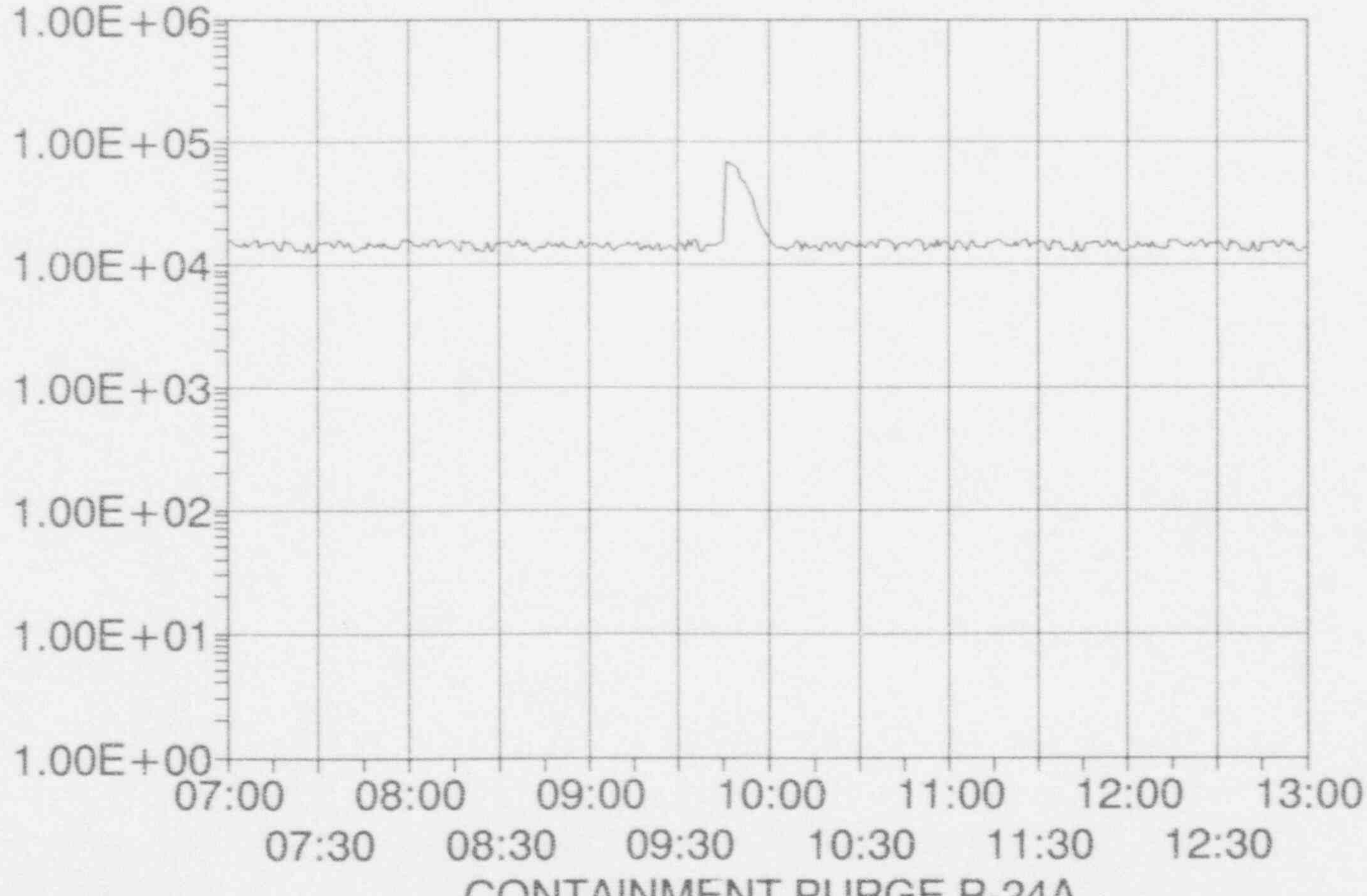



FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL
CPM
1.00E+06
1.00E+05
1.00E+04
1.00E+03
1.00E+02
1.00E+01
1.00E+00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
07:30
08:30
09:30
10:30
11:30
12:30
S/G BLOWDOWN PROCESSING R-23A


FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL
1.00E+06
1.00E+05
1.00E+04
1.00E+03
1.00E+02
1.00E+01
1.00E+00
CPM
07:00
08:00
09:00
10:00
11:00
12:00
13:00
07:30
08:30
09:30
10:30
11:30
12:30
S/G BLOWDOWN PROCESSING R-23B

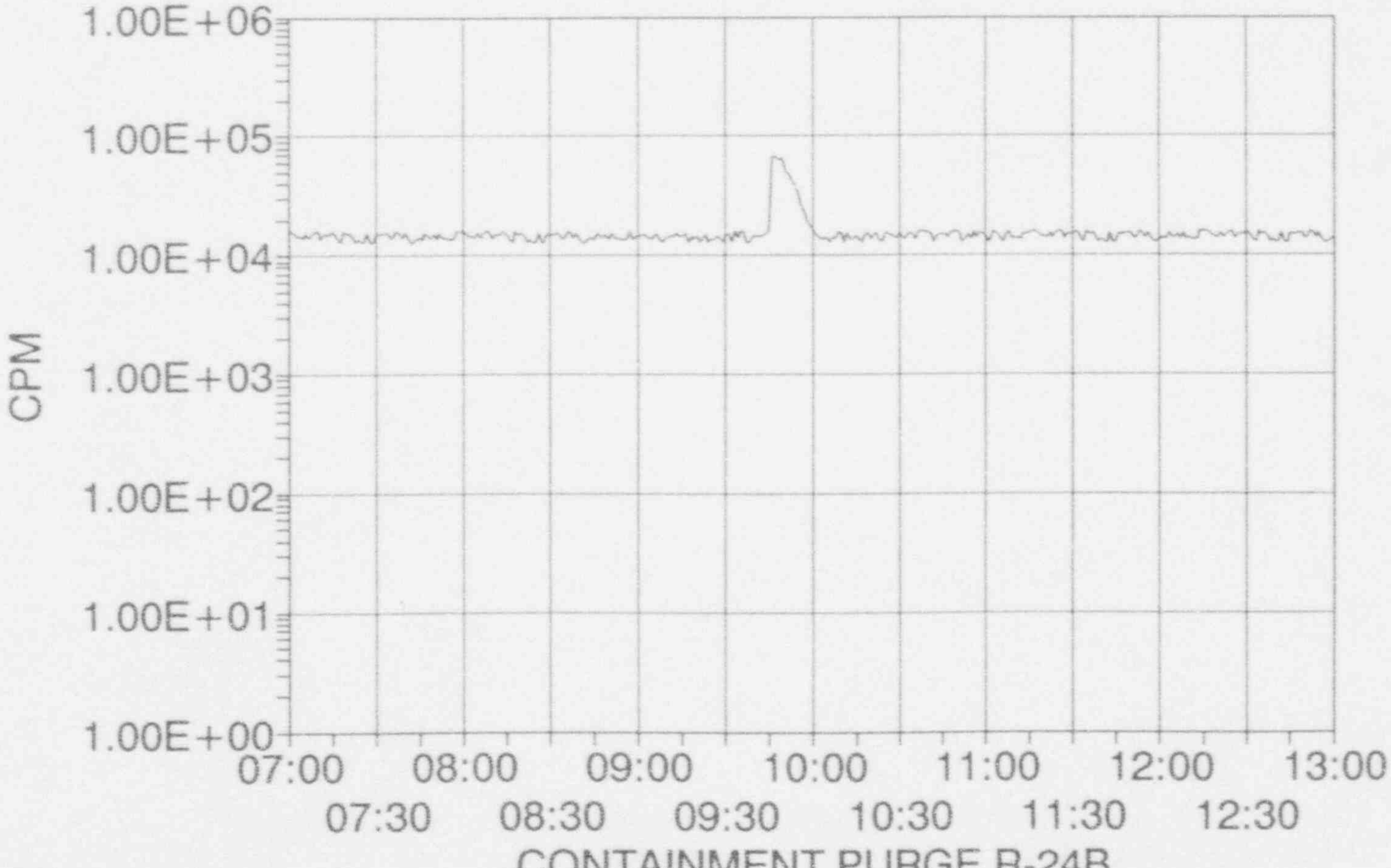
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL

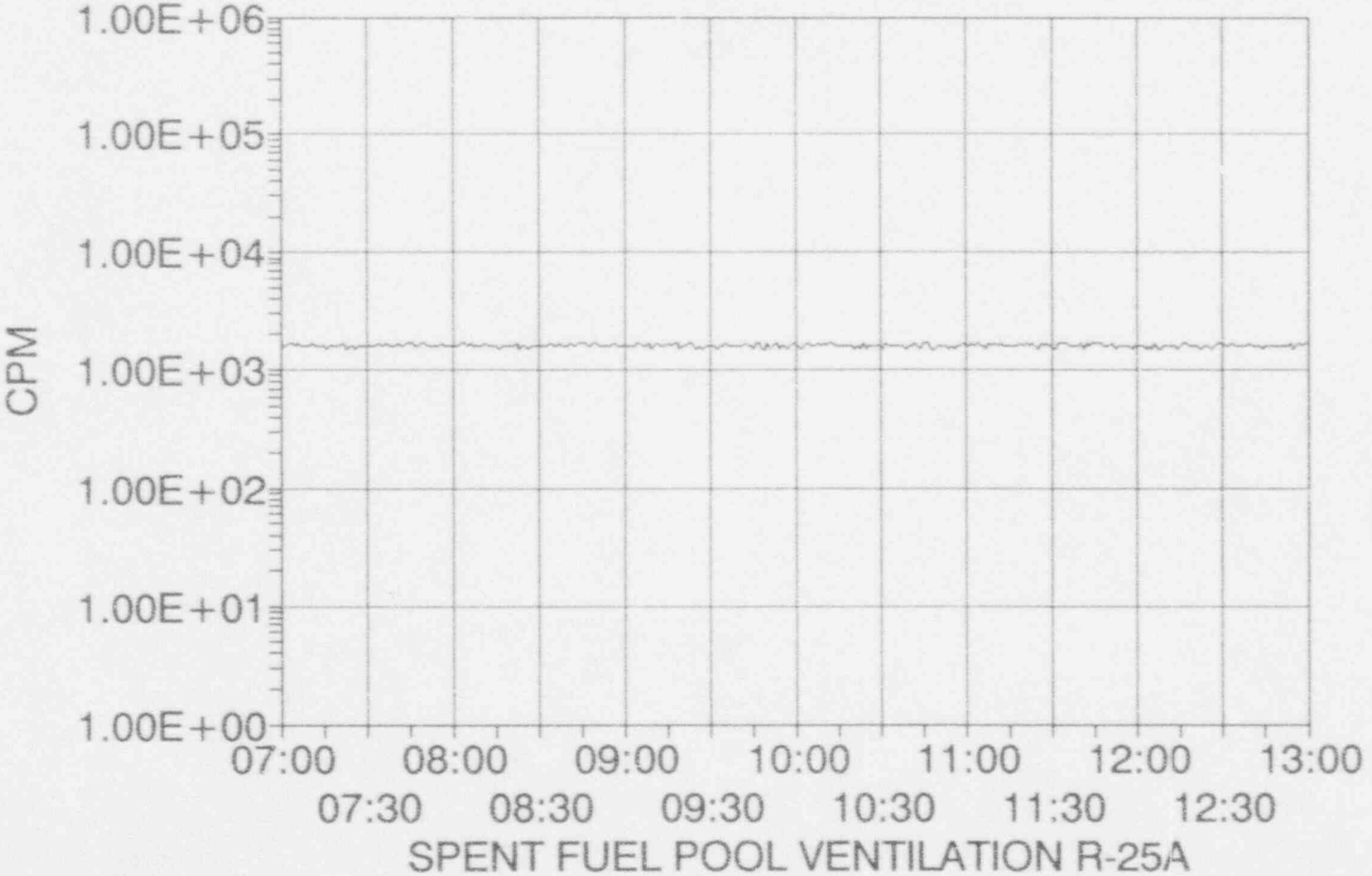


FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



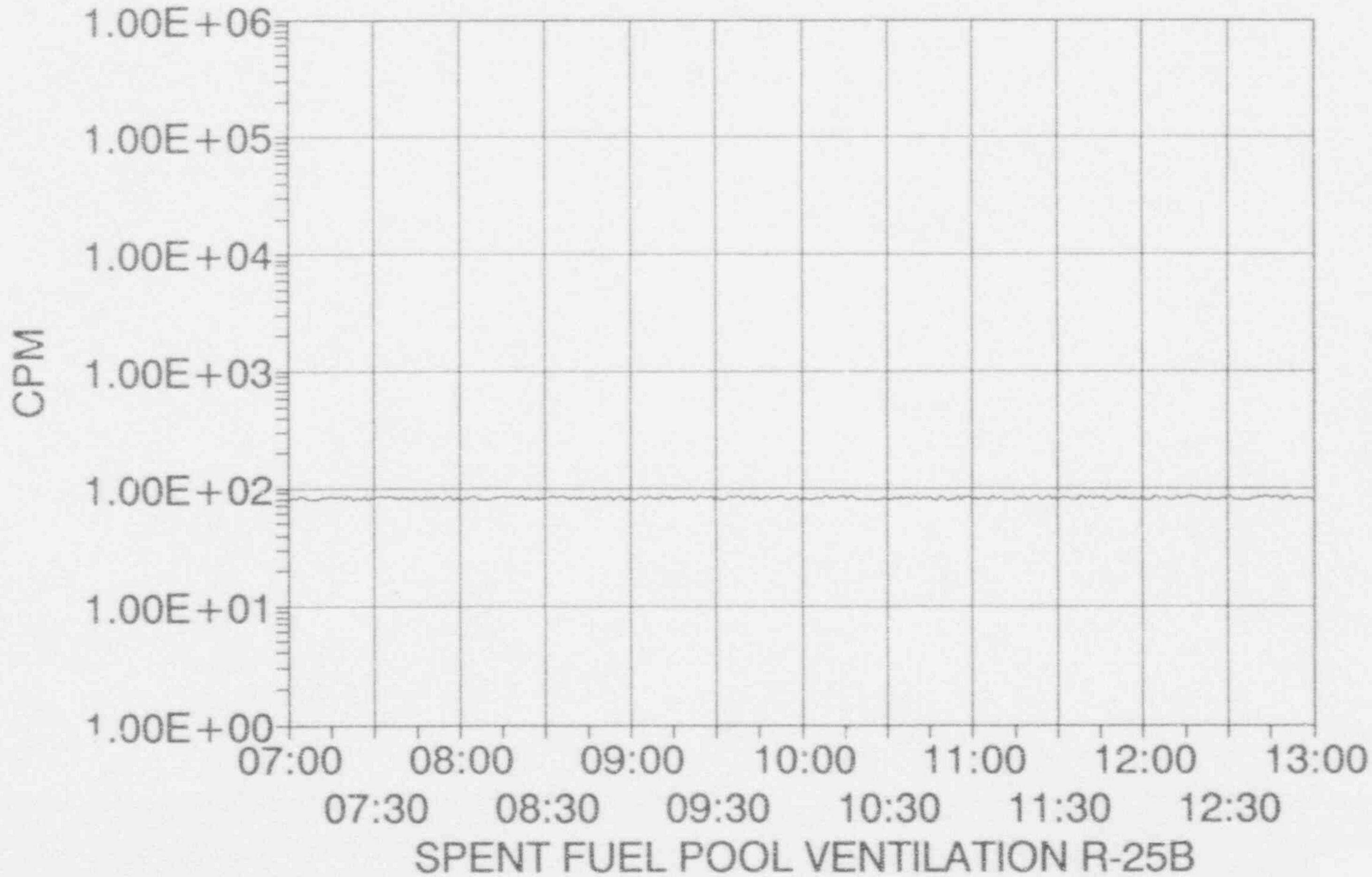
FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL



153

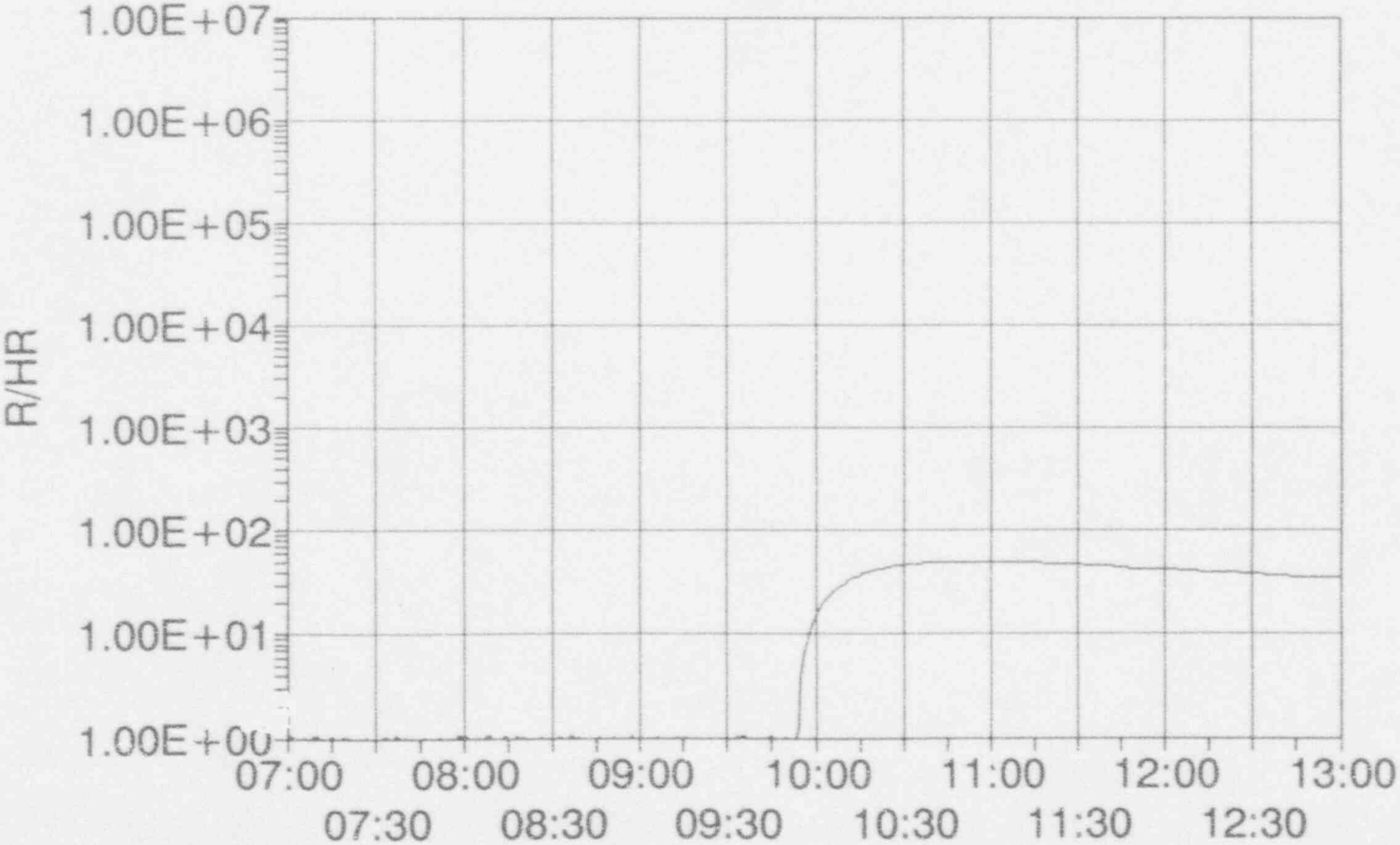
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL



FARLEY NUCLEAR PLANT

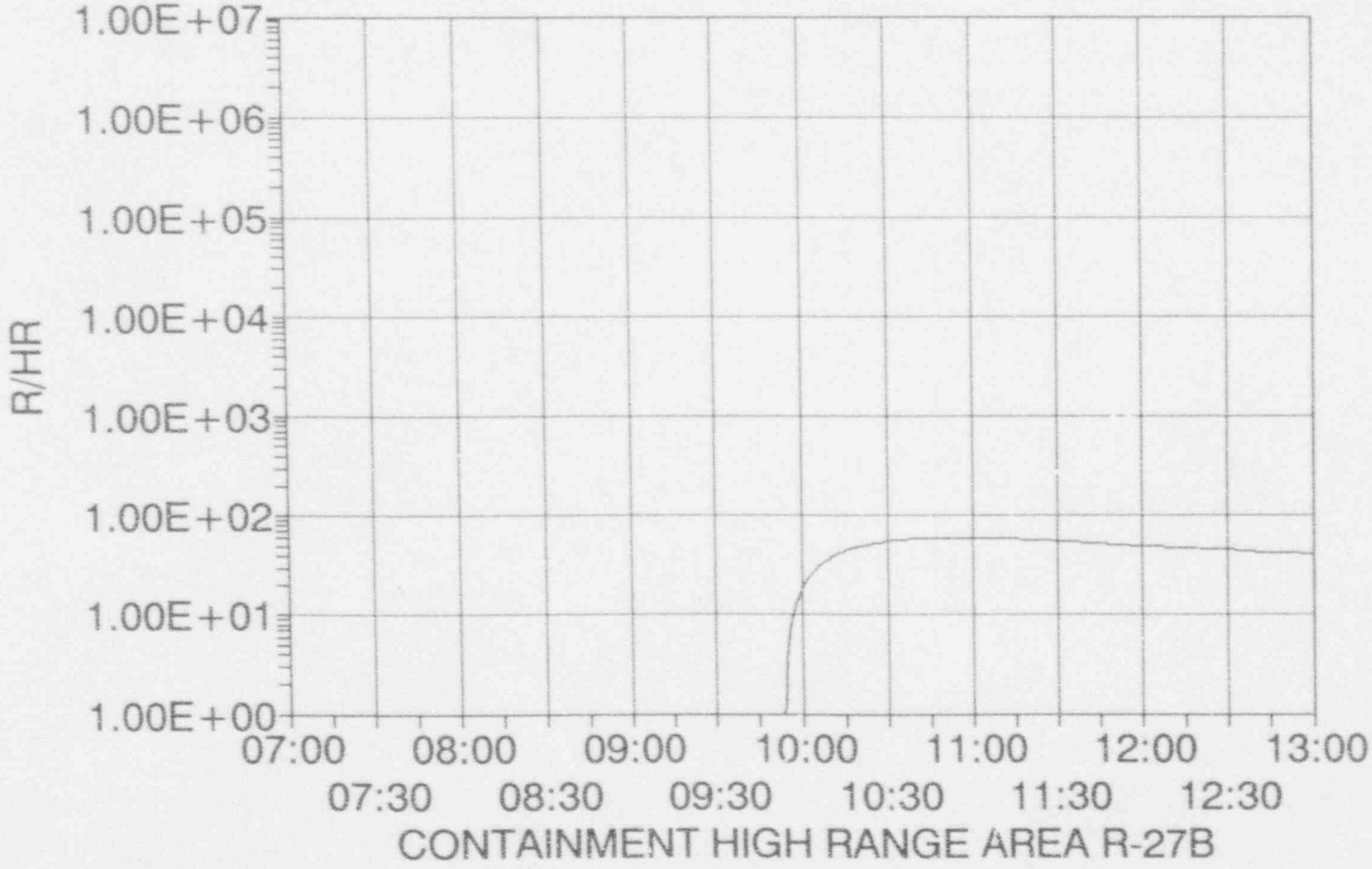
1993 ANNUAL DRILL



CONTAINMENT HIGH RANGE AREA R-27A

FARLEY NUCLEAR PLANT

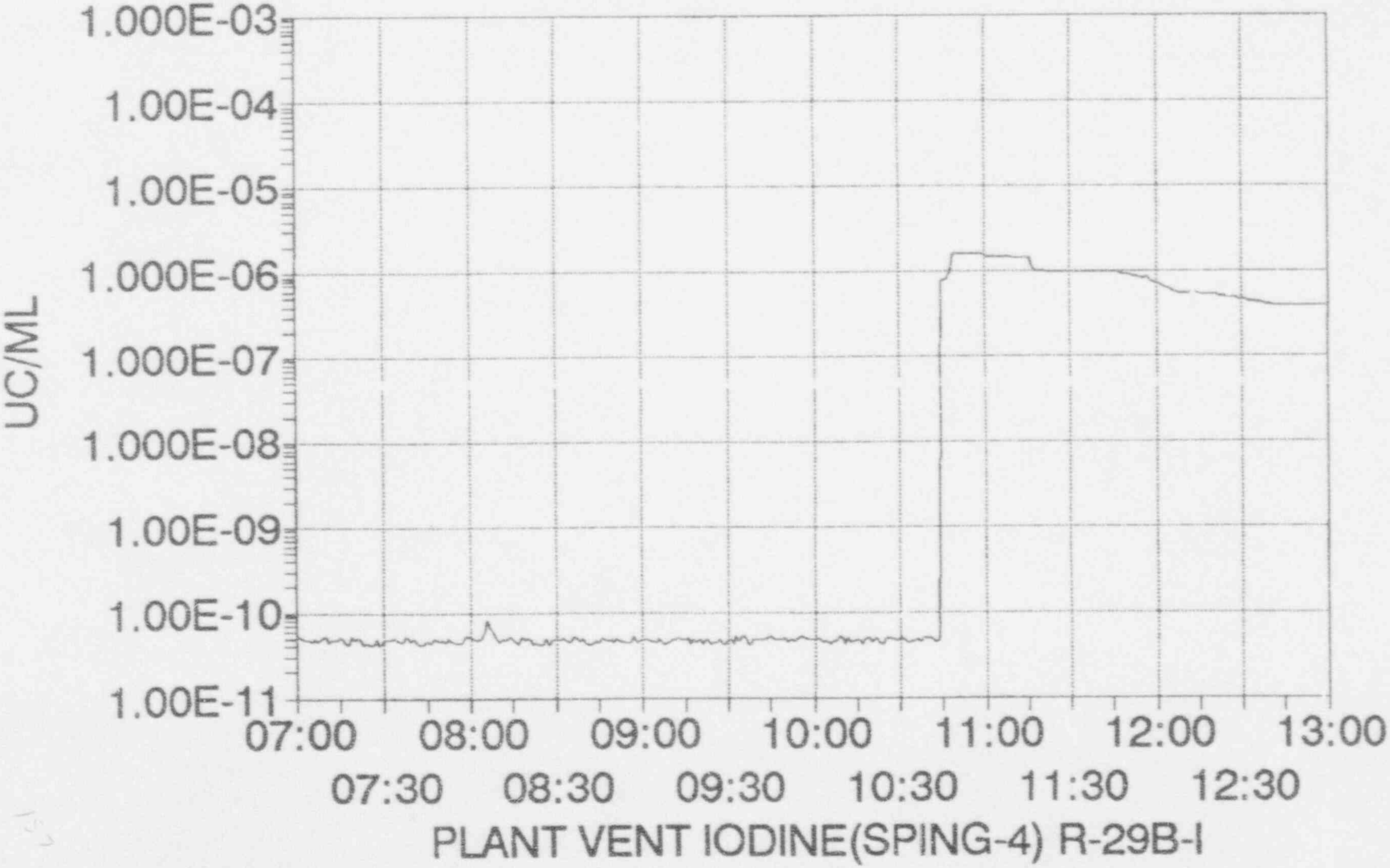
1993 ANNUAL DRILL



156

FARLEY NUCLEAR PLANT

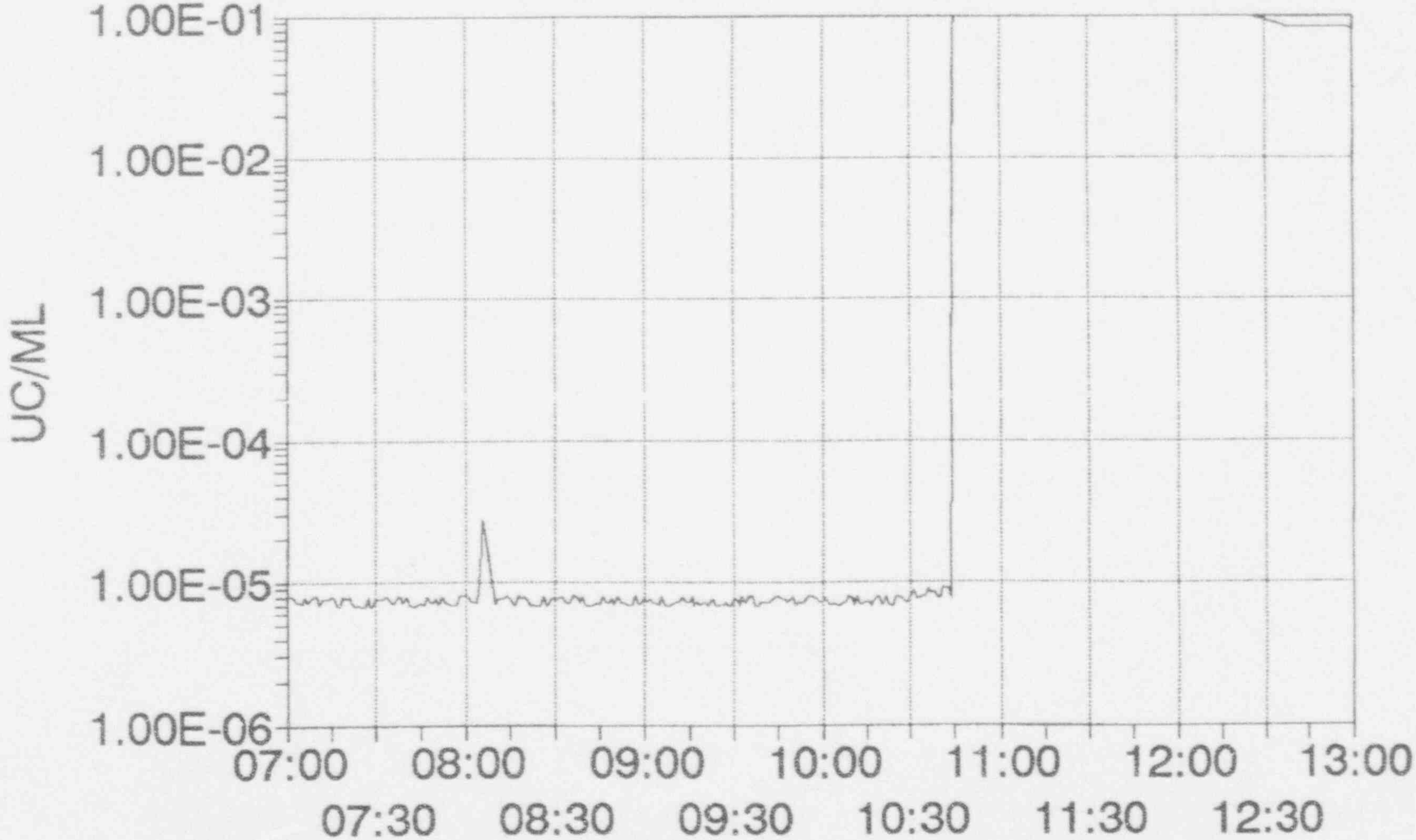
1993 ANNUAL DRILL



157

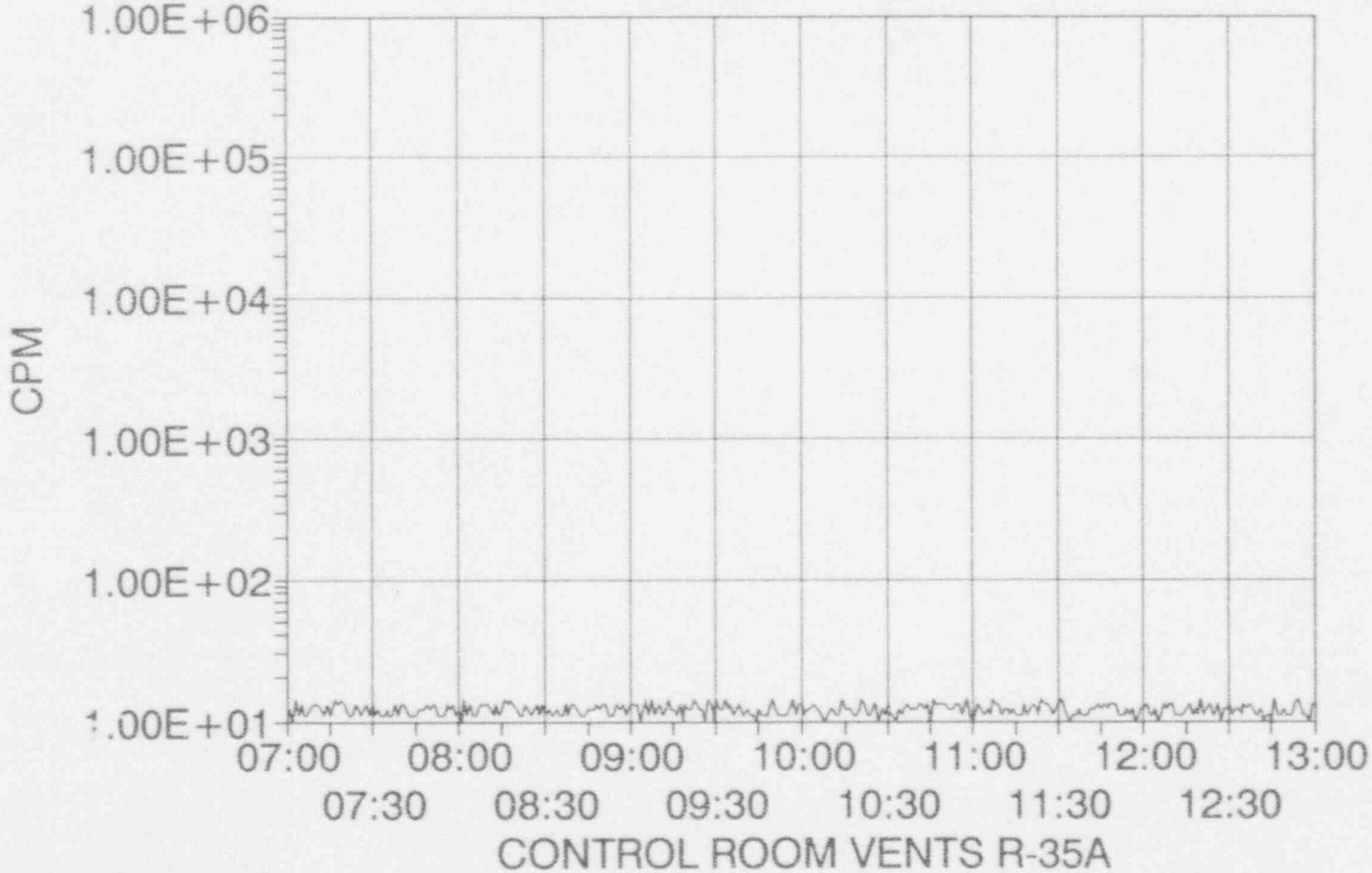
FARLEY NUCLEAR PLANT

1993 ANNUAL DRILL

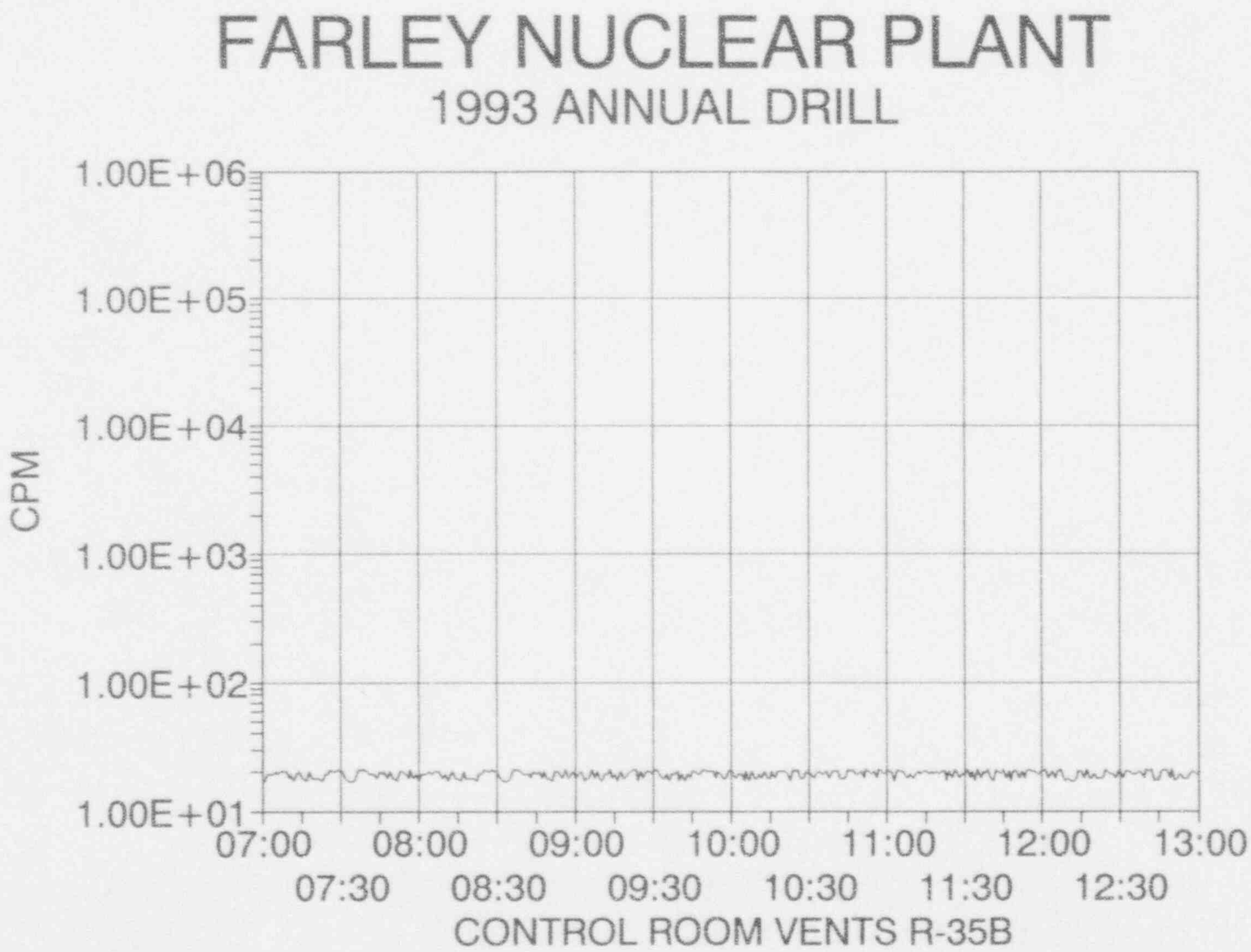


PLANT VENT NOBLE GAS(SPING-4)R-29B-NG

FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL



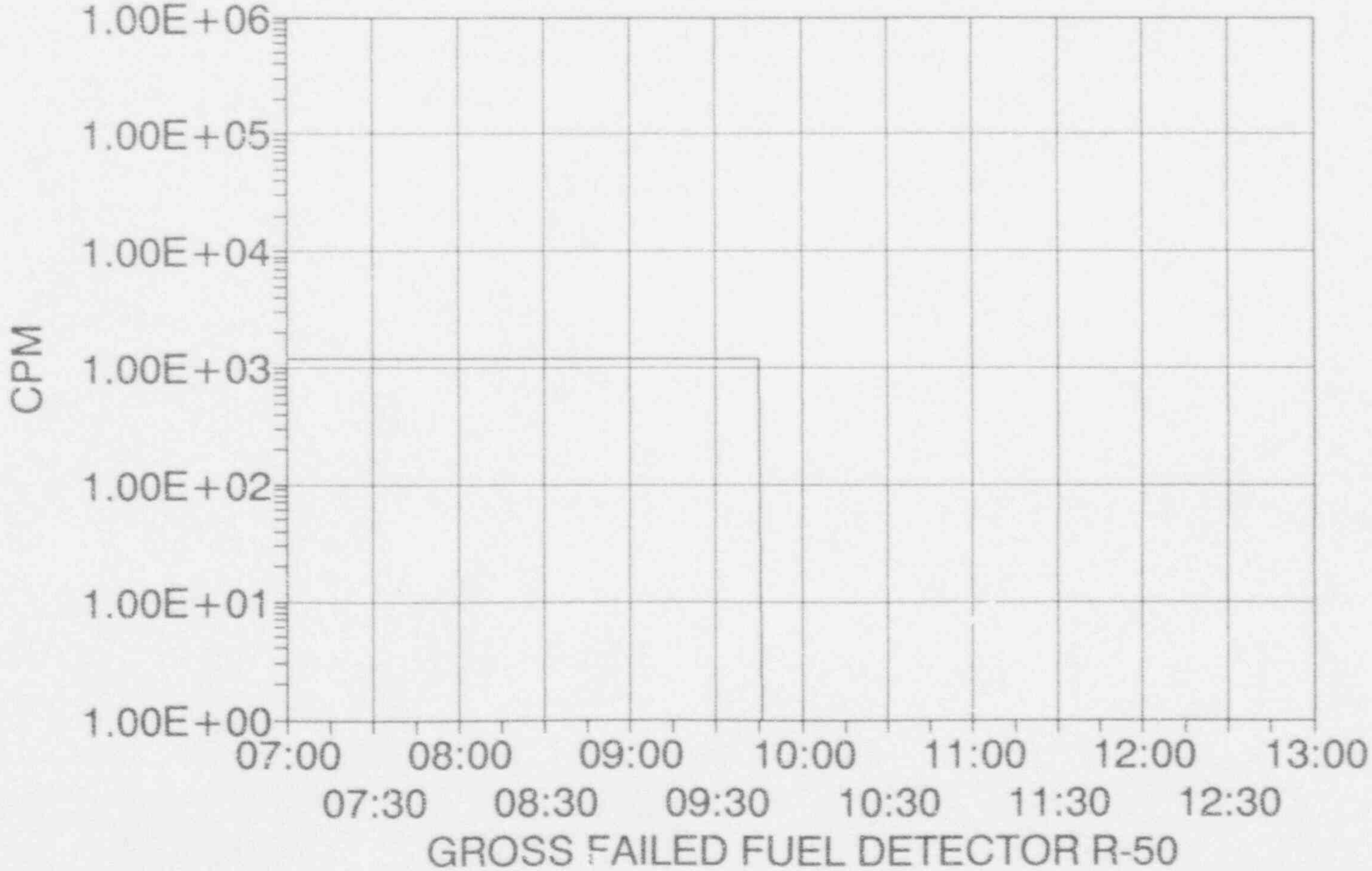
159



FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL
CPM
1.00E+06
1.00E+05
1.00E+04
1.00E+03
1.00E+02
1.00E+01
07:00
08:00
09:00
10:00
11:00
12:00
13:00
07:30
08:30
09:30
10:30
11:30
12:30
CONTROL ROOM VENTS R-35B

FARLEY NUCLEAR PLANT

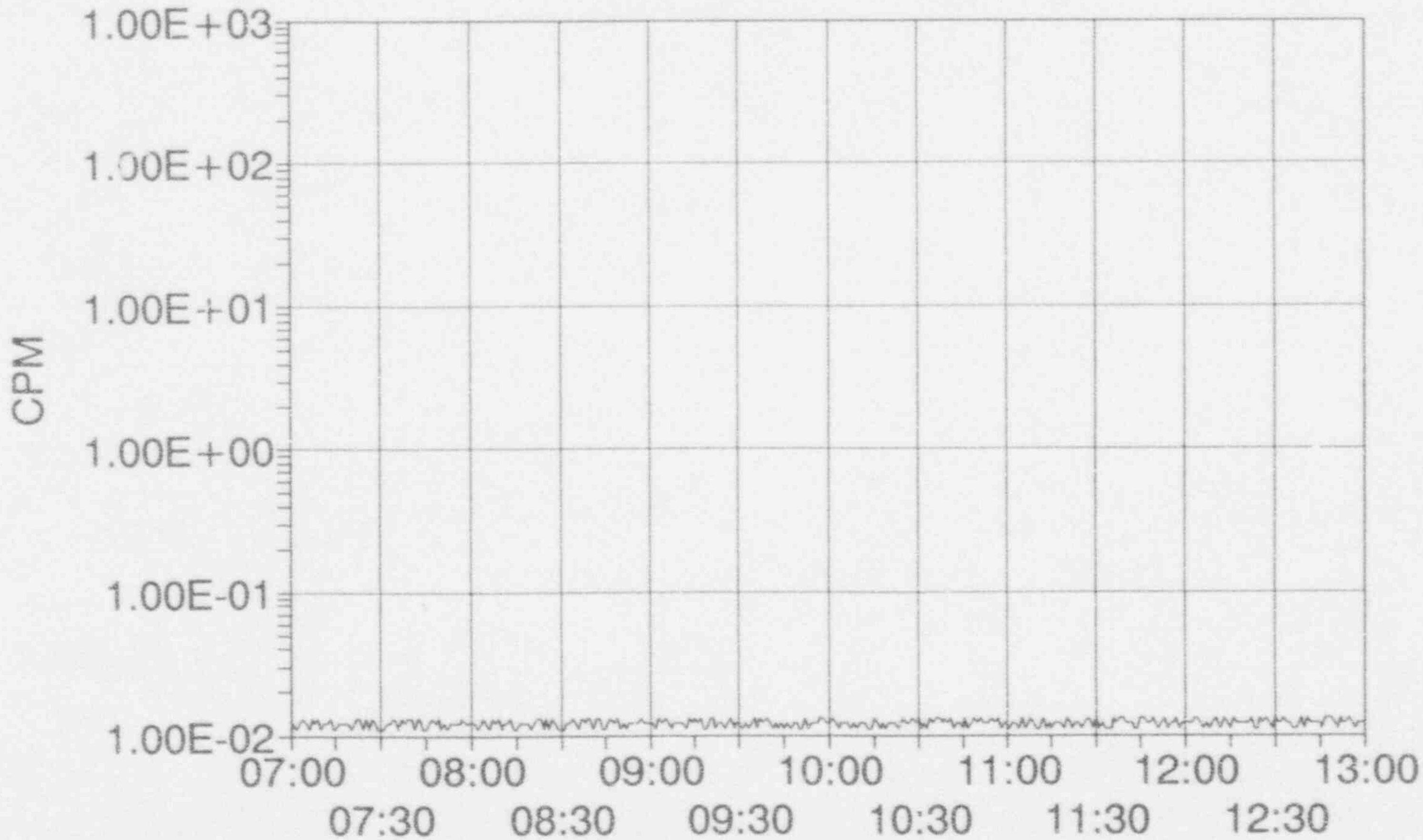
1993 ANNUAL DRILL



161

FARLEY NUCLEAR PLANT

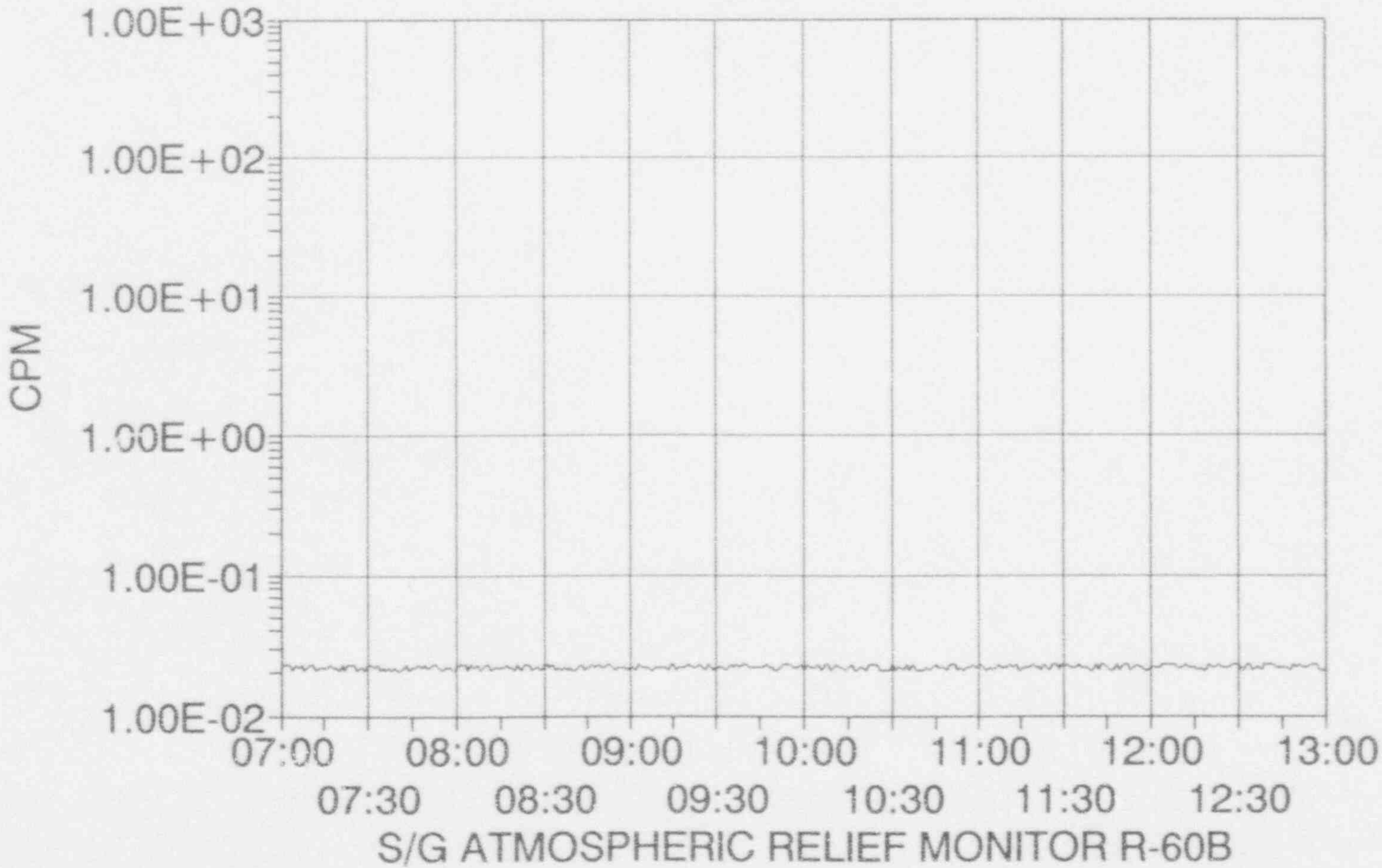
1993 ANNUAL DRILL



S/G ATMOSPHERIC RELIEF MONITOR R-60A

FARLEY NUCLEAR PLANT

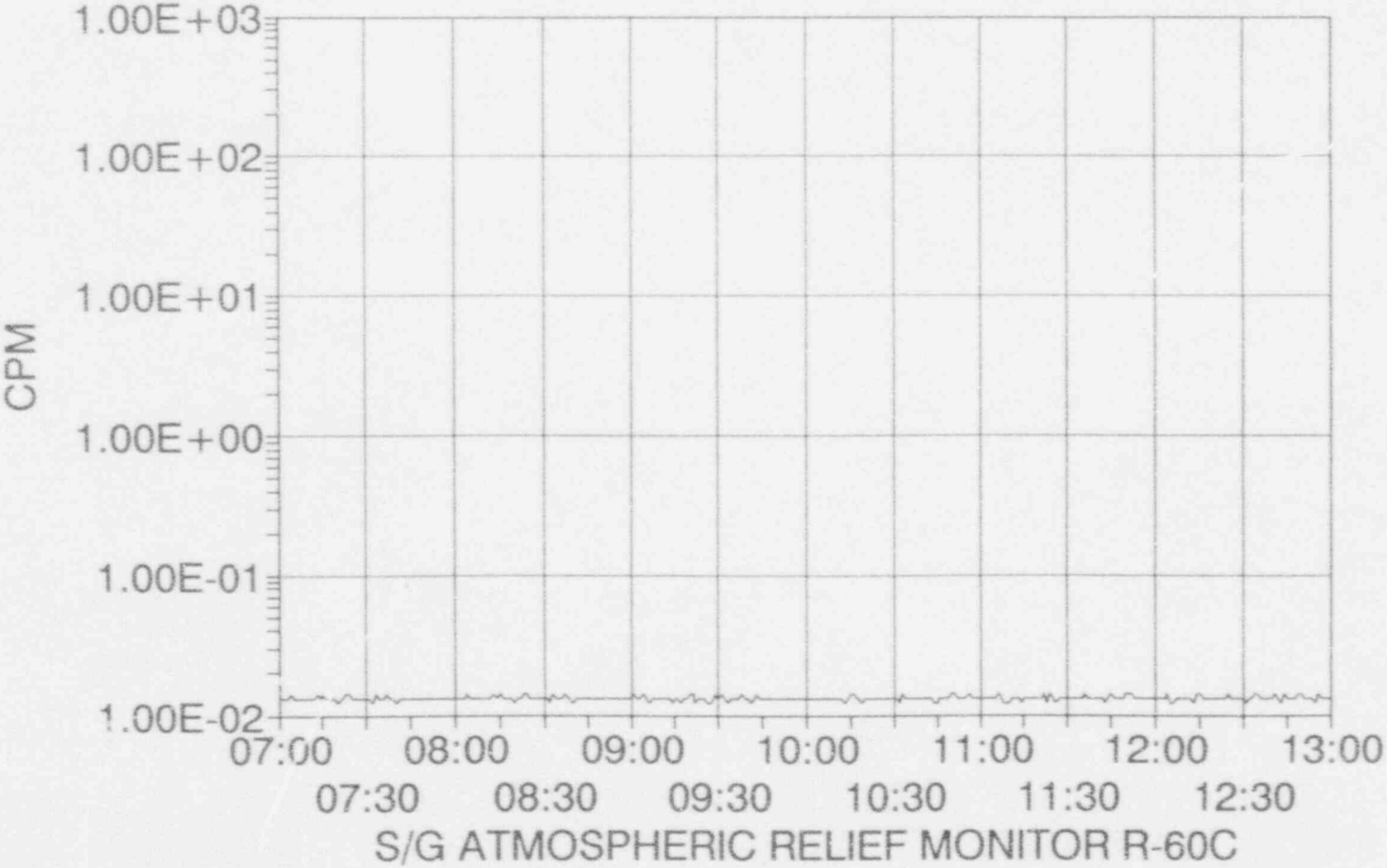
1993 ANNUAL DRILL



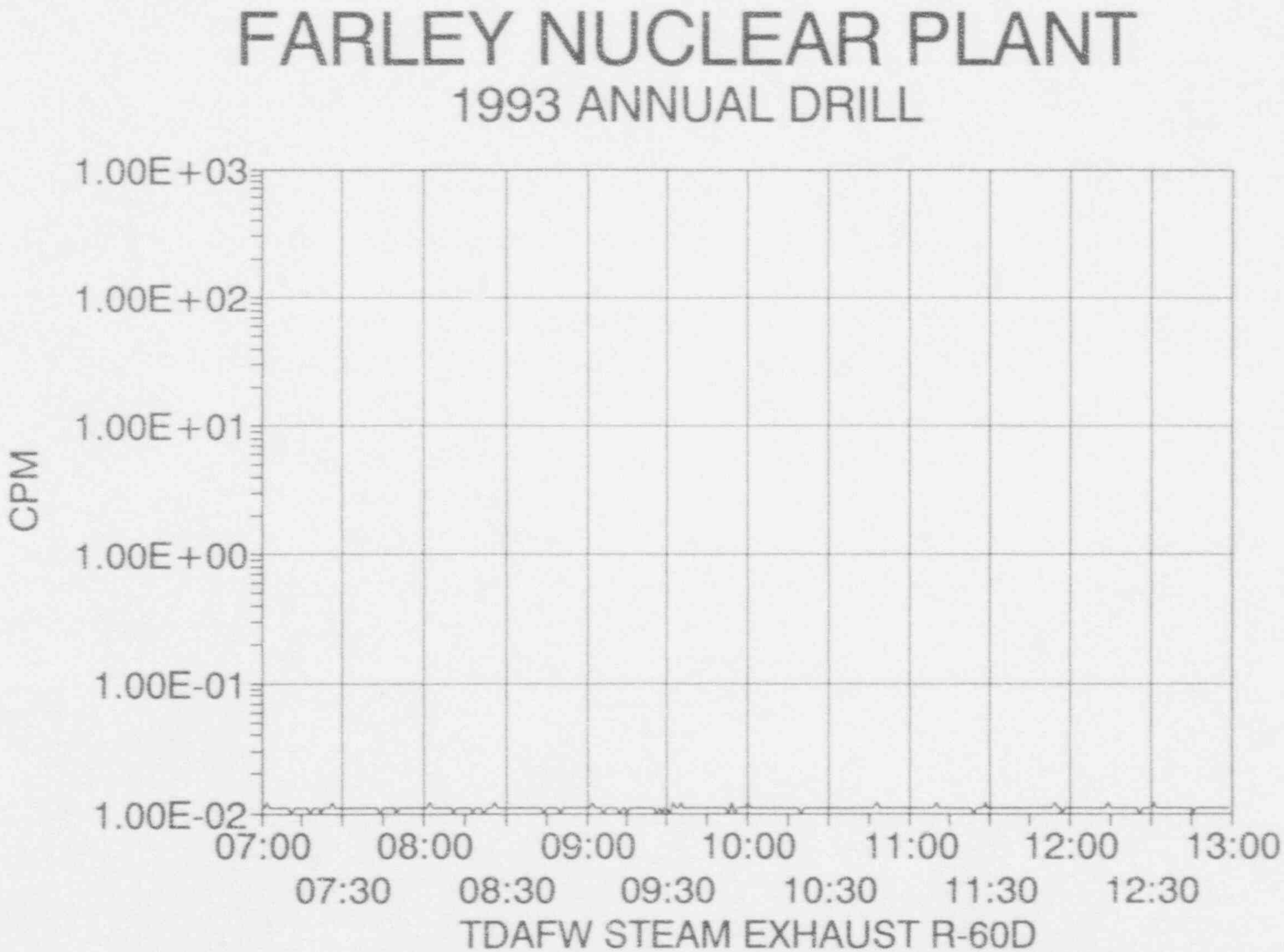
163

163

FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL



164



FARLEY NUCLEAR PLANT
1993 ANNUAL DRILL
1.00E+03
1.00E+02
1.00E+01
1.00E+00
1.00E-01
1.00E-02
CPM
07:00
08:00
09:00
10:00
11:00
12:00
13:00
07:30
08:30
09:30
10:30
11:30
12:30
TDAFW STEAM EXHAUST R-60D

165

IN-PLANT AREA DOSE RATES

1⅟₆

IN-PLANT DOSE RATE FIGURES

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	0.004	0.004
3′	0.002	0.002
6′	0.001	0.001

Penetration Room 139′ Level

	OW	CW
AREA	0.022	0.002

Penetration Room 121′ Level

	OW	CW
OC	0.102	0.082
3′	0.026	0.006
6′	0.024	0.004

RCS Piping Outside Penetration Room

	OW	CW
OC	0.030	0.030
3′	0.002	0.002
6′	0.001	0.001

Penetration Room 100′ Level

	OW	CW
OC	0.085	0.065
3′	0.025	0.005
6′	0.024	0.004

Penetration Room 77/83′ Level

	OW	CW
OC	0.076	0.056
3′	0.025	0.005
6′	0.024	0.004

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3′ - Three Feet From Source

6′ - Six Feet From Source

	OW	CW
OC	0.104	0.006
3′	0.000	0.000
6′	0.000	0.000

RCS Sample

All dose rates are in:

rem / hr

Time: 08:00:00

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	0.004	0.004
3′	0.002	0.002
6′	0.001	0.001

Penetration Room 139′ Level

	OW	CW
AREA	0.022	0.002

Penetration Room 121′ Level

	OW	CW
OC	0.100	0.080
3′	0.026	0.006
6′	0.024	0.004

Penetration Room 100′ Level

	OW	CW
OC	0.083	0.063
3′	0.025	0.005
6′	0.024	0.004

Penetration Room 77/83′ Level

	OW	CW
OC	0.072	0.052
3′	0.025	0.005
6′	0.023	0.003

RCS Piping Outside Penetration Room

	OW	CW
OC	0.030	0.030
3′	0.002	0.002
6′	0.001	0.001

RCS Sample

	OW	CW
OC	0.104	0.006
3′	0.000	0.000
6′	0.000	0.000

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3′ - Three Feet From Source

6′ - Six Feet From Source

All dose rates are in:

rem / hr

Time: 08:15:00

Time: 08:30:00

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	0.004	0.004
3'	0.002	0.002
6'	0.001	0.001

Penetration Room 139' Level

	OW	CW
AREA	0.022	0.002

Penetration Room 121' Level

	OW	CW
OC	0.099	0.079
3'	0.026	0.006
6'	0.024	0.004

Penetration Room 100' Level

	OW	CW
OC	0.083	0.063
3'	0.025	0.005
6'	0.024	0.004

Penetration Room 77/83' Level

	OW	CW
OC	0.070	0.050
3'	0.025	0.005
6'	0.023	0.003

RCS Piping Outside Penetration Room

	OW	CW
OC	0.030	0.030
3'	0.002	0.002
6'	0.001	0.001

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3' - Three Feet From Source

6' - Six Feet From Source

RCS Sample

	OW	CW
OC	0.104	0.006
3'	0.000	0.000
6'	0.000	0.000

All dose rates are in:

rem / hr

Time: 08:30:00

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	0.004	0.004
3′	0.002	0.002
6′	0.001	0.001

Penetration Room 139′ Level

	OW	CW
AREA	0.022	0.002

Penetration Room 121′ Level

	OW	CW
OC	0.097	0.077
3′	0.026	0.006
6′	0.024	0.004

Penetration Room 100′ Level

	OW	CW
OC	0.083	0.063
3′	0.025	0.005
6′	0.024	0.004

Penetration Room 77/83′ Level

	OW	CW
OC	0.069	0.049
3′	0.025	0.005
6′	0.023	0.003

RCS Piping Outside Penetration Room

	OW	CW
OC	0.030	0.030
3′	0.002	0.002
6′	0.001	0.001

RCS Sample

	OW	CW
OC	0.104	0.006
3′	0.000	0.000
6′	0.000	0.000

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3′ - Three Feet From Source

6′ - Six Feet From Source

All dose rates are in:

rem / hr

Time: 08:45:00

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	0.004	0.004
3′	0.002	0.002
6′	0.001	0.001

Penetration Room 139′ Level

	OW	CW
AREA	0.022	0.002

Penetration Room 121′ Level

	OW	CW
OC	0.096	0.076
3′	0.026	0.006
6′	0.024	0.004

RCS Piping Outside Penetration Room

	OW	CW
OC	0.030	0.030
3′	0.002	0.002
6′	0.001	0.001

Penetration Room 100′ Level

	OW	CW
OC	0.082	0.062
3′	0.025	0.005
6′	0.024	0.004

Penetration Room 77/83′ Level

	OW	CW
OC	0.068	0.048
3′	0.025	0.005
6′	0.023	0.003

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3′ - Three Feet From Source

6′ - Six Feet From Source

	OW	CW
OC	0.104	0.006
3′	0.000	0.000
6′	0.000	0.000

RCS Sample

All dose rates are in:

rem / hr

172

Time: 09:00:00

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	0.004	0.004
3′	0.002	0.002
6′	0.001	0.001

Penetration Room 139′ Level

	OW	CW
AREA	0.022	0.002

Penetration Room 121′ Level

	OW	CW
OC	0.096	0.076
3′	0.026	0.006
6′	0.024	0.004

RCS Piping Outside Penetration Room

	OW	CW
OC	0.030	0.030
3′	0.002	0.002
6′	0.001	0.001

Penetration Room 100′ Level

	OW	CW
OC	0.083	0.063
3′	0.025	0.005
6′	0.024	0.004

Penetration Room 77/83′ Level

	OW	CW
OC	0.067	0.047
3′	0.024	0.004
6′	0.023	0.003

RCS Sample

	OW	CW
OC	0.104	0.006
3′	0.000	0.000
6′	0.000	0.000

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3′ - Three Feet From Source

6′ - Six Feet From Source

All dose rates are in:

rem / hr

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	0.004	0.004
3′	0.002	0.002
6′	0.001	0.001

Penetration Room 139' Level

	OW	CW
AREA	0.022	0.002

Penetration Room 121' Level

	OW	CW
OC	0.095	0.075
3′	0.026	0.006
6′	0.024	0.004

Penetration Room 100' Level

	OW	CW
OC	0.083	0.063
3′	0.025	0.005
6′	0.024	0.004

Penetration Room 77/83' Level

	OW	CW
OC	0.066	0.046
3′	0.024	0.004
6′	0.023	0.003

RCS Piping Outside Penetration Room

	OW	CW
OC	0.030	0.030
3′	0.002	0.002
6′	0.001	0.001

RCS Sample

	OW	CW
OC	0.104	0.006
3′	0.000	0.000
6′	0.000	0.000

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3' - Three Feet From Source

6' - Six Feet From Source

All dose rates are in:

rem / hr

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	0.004	0.004
3′	0.002	0.002
6′	0.001	0.001

Penetration Room 139' Level

	OW	CW
AREA	0.022	0.002

Penetration Room 121' Level

	OW	CW
OC	0.093	0.073
3′	0.026	0.006
6′	0.024	0.004

RCS Piping Outside Penetration Room

	OW	CW
OC	0.029	0.029
3′	0.002	0.002
6′	0.001	0.001

Penetration Room 100' Level

	OW	CW
OC	0.082	0.062
3′	0.025	0.005
6′	0.024	0.004

Penetration Room 77/83' Level

	OW	CW
OC	0.066	0.046
3′	0.024	0.004
6′	0.023	0.003

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3' - Three Feet From Source

6' - Six Feet From Source

	OW	CW
OC	0.101	0.006
3′	0.000	0.000
6′	0.000	0.000

RCS Sample

All dose rates are in:

rem / hr

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	0.399	0..399
3'	0.200	0.200
6'	0.100	0.100

Penetration Room 139' Level

	OW	CW
AREA	0.022	0.002

Penetration Room 121' Level

	OW	CW
OC	0.107	0.092
3'	0.041	0.013
6'	0.040	0.009

Penetration Room 100' Level

	OW	CW
OC	0.102	0.088
3'	0.036	0.010
6'	0.035	0.008

Penetration Room 77/83' Level

	OW	CW
OC	0.341	0.321
3'	0.040	0.020
6'	0.031	0.011

RCS Piping Outside Penetration Room

	OW	CW
OC	0.039	0.013
3'	0.007	0.003
6'	0.002	0.002

RCS Sample

	OW	CW
OC	697.932	41.055
3'	1.521	0.127
6'	0.253	0.032

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3' - Three Feet From Source

6' - Six Feet From Source

All dose rates are in:

rem / hr

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	0.917	0.917
3′	0.459	0.459
6′	0.229	0.229

Penetration Room 139′ Level

	OW	CW
AREA	0.022	0.002

Penetration Room 121′ Level

	OW	CW
OC	0.127	0.112
3′	0.061	0.033
6′	0.060	0.029

Penetration Room 100′ Level

	OW	CW
OC	0.122	0.098
3′	0.056	0.021
6′	0.055	0.019

Penetration Room 77/83′ Level

	OW	CW
OC	0.344	0.324
3′	0.040	0.020
6′	0.031	0.011

RCS Piping Outside Penetration Room

	OW	CW
OC	0.059	0.023
3′	0.027	0.013
6′	0.022	0.007

RCS Sample

	OW	CW
OC	873.957	51.409
3′	1.904	0.159
6′	0.317	0.040

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3′ - Three Feet From Source

6′ - Six Feet From Source

All dose rates are in:

rem / hr

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	1.167	1.167
3′	0.584	0.584
6′	0.292	0.292

Penetration Room 139′ Level

	OW	CW
AREA	0.022	0.002

Penetration Room 121′ Level

	OW	CW
OC	0.147	0.114
3′	0.081	0.045
6′	0.080	0.041

RCS Piping Outside Penetration Room

	OW	CW
OC	0.079	0.033
3′	0.047	0.019
6′	0.042	0.013

Penetration Room 100′ Level

	OW	CW
OC	0.142	0.098
3′	0.076	0.031
6′	0.075	0.029

Penetration Room 77/83′ Level

	OW	CW
OC	0.379	0.359
3′	0.042	0.022
6′	0.032	0.012

[redacted]

	OW	CW
OC	714.211	42.012
3′	1.556	0.130
6′	0.259	0.032

RCS Sample

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3′ - Three Feet From Source

6′ - Six Feet From Source

All dose rates are in:

rem / hr

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	1.329	1.329
3'	0.665	0.665
6'	0.332	0.332

Penetration Room 139' Level

	OW	CW
AREA	372.073	33.825

Penetration Room 121' Level

	OW	CW
OC	445.428	107.180
3'	376.148	37.900
6'	374.111	35.862

Penetration Room 100' Level

	OW	CW
OC	445.650	107.401
3'	376.161	37.912
6'	374.117	35.869

Penetration Room 77/83' Level

	OW	CW
OC	372.413	34.165
3'	372.092	33.844
6'	372.083	33.834

RCS Piping Outside Penetration Room

	OW	CW
OC	73.287	73.287
3'	4.071	4.071
6'	2.036	2.036

RCS Sample

	OW	CW
OC	175.269	10.310
3'	0.382	0.032
6'	0.064	0.008

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3' - Three Feet From Source

6' - Six Feet From Source

All dose rates are in:

rem / hr

Time: 10:45:00

Time: 11:00:00

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	1.443	1.443
3'	0.722	0.722
6'	0.361	0.361

Penetration Room 139' Level

	OW	CW
AREA	404.943	36.813

Penetration Room 121' Level

	OW	CW
OC	473.115	104.985
3'	408.730	40.600
6'	406.836	38.707

Penetration Room 100' Level

	OW	CW
OC	472.923	104.793
3'	408.719	40.590
6'	406.831	38.701

Penetration Room 77/83' Level

	OW	CW
OC	405.685	37.556
3'	404.984	36.854
6'	404.963	36.834

RCS Piping Outside Penetration Room

	OW	CW
OC	67.697	67.697
3'	3.761	3.761
6'	1.880	1.880

RCS Sample

	OW	CW
OC	153.796	9.047
3'	0.335	0.028
6'	0.056	0.007

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3' - Three Feet From Source

6' - Six Feet From Source

All dose rates are in:

rem / hr

Time: 11:00:00

Time: 11:15:00

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	1.518	1.518
3′	0.759	0.759
6′	0.380	0.380

Penetration Room 139′ Level

	OW	CW
AREA	428.017	38.911

Penetration Room 121′ Level

	OW	CW
OC	456.337	67.231
3′	429.590	40.484
6′	428.804	39.697

RCS Piping Outside Penetration Room

	OW	CW
OC	3.670	3.670
3′	0.204	0.204
6′	0.102	0.102

Penetration Room 100′ Level

	OW	CW
OC	433.774	44.668
3′	428.337	39.230
6′	428.177	39.071

Penetration Room 77/83′ Level

	OW	CW
OC	454.739	65.633
3′	429.501	40.395
6′	428.759	39.653

RCS Sample

	OW	CW
OC	7.991	0.470
3′	0.017	0.001
6′	0.003	0.000

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3′ - Three Feet From Source

6′ - Six Feet From Source

All dose rates are in:

rem / hr

Time: 11:15:00

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	1.562	1.562
3′	0.781	0.781
6′	0.390	0.390

Penetration Room 139′ Level

	OW	CW
AREA	442.285	40.208

Penetration Room 121′ Level

	OW	CW
OC	474.644	72.567
3′	444.083	42.005
6′	443.184	41.107

Penetration Room 100′ Level

	OW	CW
OC	448.852	46.775
3′	442.650	40.573
6′	442.467	40.390

Penetration Room 77/83′ Level

	OW	CW
OC	472.295	70.217
3′	443.952	41.875
6′	443.118	41.041

RCS Piping Outside Penetration Room

	OW	CW
OC	4.451	4.451
3′	0.247	0.247
6′	0.124	0.124

RCS Sample

	OW	CW
OC	9.270	0.545
3′	0.020	0.002
6′	0.003	0.000

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3′ - Three Feet From Source

6′ - Six Feet From Source

All dose rates are in:

rem / hr

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	1.579	1.579
3'	0.790	0.790
6'	0.395	0.395

Penetration Room 139' Level

	OW	CW
AREA	449.247	40.841

Penetration Room 121' Level

	OW	CW
OC	485.061	76.654
3'	451.237	42.830
6'	450.242	41.835

RCS Piping Outside Penetration Room

	OW	CW
OC	5.408	5.408
3'	0.300	0.300
6'	0.150	0.150

Penetration Room 100' Level

	OW	CW
OC	459.491	51.084
3'	449.817	41.410
6'	449.532	41.125

Penetration Room 77/83' Level

	OW	CW
OC	484.474	76.067
3'	451.205	42.798
6'	450.226	41.819

RCS Sample

	OW	CW
OC	10.796	0.635
3'	0.024	0.002
6'	0.004	0.000

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3' - Three Feet From Source

6' - Six Feet From Source

All dose rates are in:

rem / hr

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	1.608	1.608
3'	0.804	0.804
6'	0.402	0.402

Penetration Room 139' Level

	OW	CW
AREA	459.805	41.800

Penetration Room 121' Level

	OW	CW
OC	516.894	98.890
3'	462.977	44.972
6'	461.391	43.386

Penetration Room 100' Level

	OW	CW
OC	499.895	81.890
3'	462.032	44.028
6'	460.919	42.914

Penetration Room 77/83' Level

	OW	CW
OC	495.834	77.830
3'	461.807	43.802
6'	460.806	42.801

RCS Piping Outside Penetration Room

	OW	CW
OC	30.568	30.568
3'	1.698	1.698
6'	0.849	0.849

RCS Sample

	OW	CW
OC	57.011	3.354
3'	0.124	0.010
6'	0.021	0.003

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3' - Three Feet From Source

6' - Six Feet From Source

All dose rates are in:

rem / hr

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	1.618	1.618
3′	0.809	0.809
6′	0.405	0.405

Penetration Room 139′ Level

	OW	CW
AREA	464.959	42.269

Penetration Room 121′ Level

	OW	CW
OC	502.132	79.442
3′	467.024	44.334
6′	465.991	43.302

RCS Piping Outside Penetation Room

	OW	CW
OC	13.758	13.758
3′	0.764	0.764
6′	0.382	0.382

Penetration Room 100′ Level

	OW	CW
OC	491.912	69.223
3′	466.456	43.766
6′	465.707	43.018

Penetration Room 77/83′ Level

	OW	CW
OC	501.558	78.868
3′	466.992	44.302
6′	465.975	43.286

RCS Sample

	OW	CW
OC	24.821	1.460
3′	0.054	0.005
6′	0.009	0.001

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3' - Three Feet From Source

6' - Six Feet From Source

All dose rates are in:

rem / hr

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	1.625	1.625
3′	0.812	0.812
6′	0.406	0.406

Penetration Room 139′ Level

	OW	CW
AREA	468.751	42.614

Penetration Room 121′ Level

	OW	CW
OC	504.109	77.9[illegible]
3′	470.715	44.57[illegible]
6′	469.733	43.596

Penetration Room 100′ Level

	OW	CW
OC	500.246	74.109
3′	470.501	44.363
6′	469.626	43.489

Penetration Room 77/83′ Level

	OW	CW
OC	504.986	78.849
3′	470.764	44.627
6′	469.758	43.620

RCS Piping Outside Penetration Room

	OW	CW
OC	15.303	15.303
3′	0.850	0.850
6′	0.425	0.425

RCS Sample

	OW	CW
OC	26.537	1.561
3′	0.058	0.005
6′	0.010	0.001

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3′ - Three Feet From Source

6′ - Six Feet From Source

All dose rates are in:

rem / hr

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	1.629	1.629
3'	0.815	0.815
6'	0.407	0.407

Penetration Room 139' Level

	OW	CW
AREA	471.872	42.897

Penetration Room 121' Level

	OW	CW
OC	505.392	76.418
3'	473.734	44.760
6'	472.803	43.829

Penetration Room 100' Level

	OW	CW
OC	506.161	77.186
3'	473.777	44.802
6'	472.824	43.850

Penetration Room 77/83' Level

	OW	CW
OC	508.426	79.452
3'	473.903	44.928
6'	472.887	43.913

RCS Piping Outside Penetration Room

	OW	CW
OC	15.621	15.621
3'	0.868	0.868
6'	0.434	0.434

RCS Sample

	OW	CW
OC	26.252	1.544
3'	0.057	0.005
6'	0.010	0.001

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3' - Three Feet From Source

6' - Six Feet From Source

All dose rates are in:

rem / hr

Time: 13:00:00

In-Plant Dose Rates

Personnel Access Hatch

	OW	CW
OC	1.629	1.629
3′	0.814	0.814
6′	0.407	0.407

Penetration Room 139′ Level

	OW	CW
AREA	473.207	43.019

Penetration Room 121′ Level

	OW	CW
OC	502.890	72.702
3′	474.856	44.668
6′	474.031	43.843

RCS Piping Outside Penetration Room

	OW	CW
OC	13.497	13.497
3′	0.750	0.750
6′	0.375	0.375

Penetration Room 100′ Level

	OW	CW
OC	507.079	76.891
3′	475.089	44.901
6′	474.148	43.960

Penetration Room 77/83′ Level

	OW	CW
OC	509.757	79.569
3′	475.238	45.049
6′	474.222	44.034

LEGEND

OC - On Contact

OW - Open Window

CW - Closed Window

3′ - Three Feet From Source

6′ - Six Feet From Source

RCS Sample

	OW	CW
OC	22.241	1.308
3′	0.048	0.004
6′	0.008	0.001

All dose rates are in:

rem / hr

Time: 13:00:00

DRILL MONITOR
THUMB RULES

DRILL MONITOR THUMB RULES

1. Volume of air sample in liters:

   CPM:
   Air activity (uci/ml) * 2.2 E8 * Vol. of sample (l) = Frisker cpm

   mR/hr:
   Air activity (uci/ml) * 4.4 E4 * Vol. of sample (l) = mR/hr

2. Volume of air sample in ft^3:

   CPM:
   Air activity (uci/ml) * 6.2 E9 * Vol. of sample (ft^3) = Frisker cpm

   CPM for 15 ft^3:
   Air activity (uci/ml) * 9.3 E10 = Frisker cpm

   mR/hr:
   Air activity (uci/ml) * 1.2 E6 * Vol. of sample (ft^3) = mR/hr

   mR/hr for 15 ft^3:
   Air activity (uci/ml) * 1.9 E7 = mR/hr

3. Converting cpm to mR/hr:

   5,000 cpm ~= 1 mR/hr

AUXILIARY BUILDING FOLLOWING PASS SAMPLE

Auxiliary Building Hallway 11:00:00 Sample Time + 15 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	5.44e-10	5.43e-09	1.96e-09	7.64e-10	6.71e-10	1.01e-09	uc/ml
Kr-85m	1.89e-08	1.89e-07	6.80e-08	2.65e-08	2.33e-08	3.51e-08	uc/ml
Kr-87	4.06e-08	4.05e-07	1.46e-07	5.70e-08	5.01e-08	7.55e-08	uc/ml
Kr-88	4.74e-08	4.73e-07	1.70e-07	6.65e-08	5.85e-08	8.81e-08	uc/ml
Xe-131m	9.67e-10	9.66e-09	3.48e-09	1.36e-09	1.19e-09	1.80e-09	uc/ml
Xe-133	3.07e-07	3.06e-06	1.10e-06	4.31e-07	3.79e-07	5.71e-07	uc/ml
Xe-133m	1.07e-08	1.07e-07	3.84e-08	1.50e-08	1.32e-08	1.99e-08	uc/ml
Xe-135	7.16e-08	7.15e-07	2.58e-07	1.01e-07	8.84e-08	1.33e-07	uc/ml
Xe-135m	2.15e-09	2.14e-08	7.72e-09	3.01e-09	2.65e-09	3.99e-09	uc/ml
Xe-138	5.63e-09	5.63e-08	2.03e-08	7.91e-09	6.96e-09	1.05e-08	uc/ml
I-131	1.28e-08	1.28e-07	4.59e-08	1.79e-08	1.58e-08	2.38e-08	uc/ml
I-132	1.20e-08	1.20e-07	4.34e-08	1.69e-08	1.49e-08	2.24e-08	uc/ml
I-133	2.45e-08	2.45e-07	8.82e-08	3.44e-08	3.03e-08	4.56e-08	uc/ml
I-134	9.79e-09	9.78e-08	3.52e-08	1.38e-08	1.21e-08	1.82e-08	uc/ml
I-135	1.96e-08	1.96e-07	7.07e-08	2.76e-08	2.42e-08	3.65e-08	uc/ml
Rb-88	2.15e-08	2.15e-07	7.73e-08	3.02e-08	2.65e-08	4.00e-08	uc/ml
Cs-138	2.25e-09	2.24e-08	8.09e-09	3.16e-09	2.78e-09	4.18e-09	uc/ml
N-G	5.05e-07	5.05e-06	1.82e-06	7.10e-07	6.24e-07	9.40e-07	uc/ml
Iodines	7.87e-08	7.87e-07	2.83e-07	1.11e-07	9.72e-08	1.47e-07	uc/ml
Part	2.37e-08	2.37e-07	8.54e-08	3.34e-08	2.93e-08	4.41e-08	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.006	0.058	0.021	0.008	0.007	0.011	r/hr
OW	0.064	0.642	0.231	0.090	0.079	0.120	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	1.61e+03	1.61e+04	2.27e+03	1.99e+03	cpm

11:00:00 sample time + 15 minutes

Auxiliary Building Hallway 11:00:00 Sample Time + 30 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	5.37e-10	1.06e-09	7.42e-10	6.39e-10	5.73e-10	4.35e-10	uc/ml
Kr-85m	1.79e-08	3.54e-08	2.48e-08	2.14e-08	1.91e-08	1.45e-08	uc/ml
Kr-87	3.50e-08	6.91e-08	4.83e-08	4.16e-08	3.73e-08	2.83e-08	uc/ml
Kr-88	4.40e-08	8.69e-08	6.08e-08	5.24e-08	4.69e-08	3.57e-08	uc/ml
Xe-131m	9.55e-10	1.89e-09	1.32e-09	1.14e-09	1.02e-09	7.74e-10	uc/ml
Xe-133	3.03e-07	5.98e-07	4.18e-07	3.60e-07	3.23e-07	2.45e-07	uc/ml
Xe-133m	1.05e-08	2.07e-08	1.45e-08	1.25e-08	1.12e-08	8.51e-09	uc/ml
Xe-135	6.98e-08	1.38e-07	9.64e-08	8.31e-08	7.44e-08	5.66e-08	uc/ml
Xe-135m	1.08e-09	2.13e-09	1.49e-09	1.28e-09	1.15e-09	8.73e-10	uc/ml
Xe-138	2.67e-09	5.26e-09	3.68e-09	3.17e-09	2.84e-09	2.16e-09	uc/ml
I-131	1.26e-08	2.49e-08	1.74e-08	1.50e-08	1.34e-08	1.02e-08	uc/ml
I-132	1.10e-08	2.18e-08	1.52e-08	1.31e-08	1.18e-08	8.95e-09	uc/ml
I-133	2.40e-08	4.74e-08	3.32e-08	2.86e-08	2.56e-08	1.95e-08	uc/ml
I-134	7.94e-09	1.57e-08	1.10e-08	9.45e-09	8.46e-09	6.43e-09	uc/ml
I-135	1.89e-08	3.73e-08	2.61e-08	2.25e-08	2.01e-08	1.53e-08	uc/ml
Rb-88	3.18e-08	6.28e-08	4.39e-08	3.79e-08	3.39e-08	2.58e-08	uc/ml
Cs-138	2.67e-09	5.27e-09	3.69e-09	3.18e-09	2.85e-09	2.17e-09	uc/ml

N-G	4.85e-07	9.58e-07	6.70e-07	5.77e-07	5.17e-07	3.93e-07	uc/ml
Iodines	7.45e-08	1.47e-07	1.03e-07	8.86e-08	7.94e-08	6.04e-08	uc/ml
Part	3.45e-08	6.81e-08	4.76e-08	4.10e-08	3.68e-08	2.79e-08	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.006	0.011	0.008	0.007	0.006	0.005	r/hr
OW	0.062	0.122	0.085	0.073	0.066	0.050	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	2.14e+03	4.22e+03	2.54e+03	2.28e+03	cpm

11:00:00 sample time + 30 minutes

Auxiliary Building Hallway 11:00:00 Sample Time + 45 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	4.34e-10	3.26e-10	2.87e-10	4.21e-10	3.98e-10	2.20e-10	uc/ml
Kr-85m	1.40e-08	1.05e-08	9.22e-09	1.36e-08	1.28e-08	7.08e-09	uc/ml
Kr-87	2.47e-08	1.85e-08	1.63e-08	2.40e-08	2.26e-08	1.25e-08	uc/ml
Kr-88	3.35e-08	2.52e-08	2.21e-08	3.25e-08	3.07e-08	1.70e-08	uc/ml
Xe-131m	7.72e-10	5.80e-10	5.10e-10	7.49e-10	7.08e-10	3.91e-10	uc/ml
Xe-133	2.44e-07	1.84e-07	1.61e-07	2.37e-07	2.24e-07	1.24e-07	uc/ml
Xe-133m	8.47e-09	6.36e-09	5.59e-09	8.22e-09	7.77e-09	4.29e-09	uc/ml
Xe-135	5.57e-08	4.18e-08	3.68e-08	5.40e-08	5.11e-08	2.82e-08	uc/ml
Xe-135m	4.43e-10	3.33e-10	2.93e-10	4.30e-10	4.06e-10	2.24e-10	uc/ml
Xe-138	1.03e-09	7.76e-10	6.82e-10	1.00e-09	9.48e-10	5.24e-10	uc/ml
I-131	1.02e-08	7.65e-09	6.72e-09	9.88e-09	9.34e-09	5.16e-09	uc/ml
I-132	8.28e-09	6.22e-09	5.47e-09	8.04e-09	7.59e-09	4.19e-09	uc/ml
I-133	1.93e-08	1.45e-08	1.27e-08	1.87e-08	1.77e-08	9.76e-09	uc/ml
I-134	5.27e-09	3.96e-09	3.48e-09	5.11e-09	4.83e-09	2.67e-09	uc/ml
I-135	1.49e-08	1.12e-08	9.83e-09	1.44e-08	1.37e-08	7.54e-09	uc/ml
Rb-88	2.95e-08	2.22e-08	1.95e-08	2.87e-08	2.71e-08	1.50e-08	uc/ml
Cs-138	1.98e-09	1.49e-09	1.31e-09	1.92e-09	1.81e-09	1.00e-09	uc/ml
N-G	3.83e-07	2.88e-07	2.53e-07	3.72e-07	3.52e-07	1.94e-07	uc/ml
Iodines	5.79e-08	4.35e-08	3.82e-08	5.62e-08	5.31e-08	2.93e-08	uc/ml
Part	3.15e-08	2.37e-08	2.08e-08	3.06e-08	2.89e-08	1.60e-08	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.004	0.003	0.003	0.004	0.004	0.002	r/hr
OW	0.049	0.036	0.032	0.047	0.045	0.025	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	1.90e+03	1.43e+03	1.85e+03	1.75e+03	cpm

11:00:00 sample time + 45 minutes

Auxiliary Building Hallway 11:00:00 Sample Time + 60 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	3.33e-10	1.62e-10	1.43e-10	2.65e-10	2.65e-10	1.33e-10	uc/ml
Kr-85m	1.03e-08	5.02e-09	4.42e-09	8.20e-09	8.18e-09	4.10e-09	uc/ml
Kr-87	1.65e-08	8.04e-09	7.08e-09	1.31e-08	1.31e-08	6.58e-09	uc/ml
Kr-88	2.41e-08	1.18e-08	1.04e-08	1.92e-08	1.92e-08	9.62e-09	uc/ml
Xe-131m	5.91e-10	2.88e-10	2.53e-10	4.71e-10	4.70e-10	2.35e-10	uc/ml
Xe-133	1.87e-07	9.12e-08	8.02e-08	1.49e-07	1.49e-07	7.46e-08	uc/ml
Xe-133m	6.46e-09	3.15e-09	2.77e-09	5.15e-09	5.14e-09	2.58e-09	uc/ml
Xe-135	4.21e-08	2.05e-08	1.80e-08	3.35e-08	3.35e-08	1.68e-08	uc/ml
Xe-135m	1.72e-10	8.41e-11	7.40e-11	1.37e-10	1.37e-10	6.88e-11	uc/ml
Xe-138	3.79e-10	1.85e-10	1.63e-10	3.02e-10	3.02e-10	1.51e-10	uc/ml
I-131	7.79e-09	3.80e-09	3.34e-09	6.21e-09	6.20e-09	3.11e-09	uc/ml
I-132	5.88e-09	2.87e-09	2.52e-09	4.69e-09	4.68e-09	2.34e-09	uc/ml
I-133	1.46e-08	7.13e-09	6.28e-09	1.17e-08	1.16e-08	5.83e-09	uc/ml
I-134	3.31e-09	1.61e-09	1.42e-09	2.64e-09	2.63e-09	1.32e-09	uc/ml
I-135	1.11e-08	5.41e-09	4.76e-09	8.85e-09	8.83e-09	4.43e-09	uc/ml
Rb-88	2.36e-08	1.15e-08	1.01e-08	1.88e-08	1.87e-08	9.40e-09	uc/ml
Cs-138	1.25e-09	6.09e-10	5.36e-10	9.94e-10	9.93e-10	4.98e-10	uc/ml
N-G	2.88e-07	1.40e-07	1.24e-07	2.29e-07	2.29e-07	1.15e-07	uc/ml
Iodines	4.27e-08	2.08e-08	1.83e-08	3.40e-08	3.40e-08	1.70e-08	uc/ml
Part	2.48e-08	1.21e-08	1.06e-08	1.98e-08	1.97e-08	9.89e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.003	0.002	0.001	0.003	0.003	0.001	r/hr
OW	0.036	0.018	0.016	0.029	0.029	0.014	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	1.48e+03	7.22e+02	1.18e+03	1.18e+03	cpm

11:00:00 sample time + 60 minutes

Auxiliary Building Hallway 11:00:00 Sample Time + 75 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	2.49e-10	1.03e-10	8.65e-11	1.67e-10	1.74e-10	8.66e-11	uc/ml
Kr-85m	7.43e-09	3.06e-09	2.57e-09	4.97e-09	5.19e-09	2.58e-09	uc/ml
Kr-87	1.08e-08	4.45e-09	3.74e-09	7.23e-09	7.54e-09	3.75e-09	uc/ml
Kr-88	1.70e-08	7.01e-09	5.90e-09	1.14e-08	1.19e-08	5.91e-09	uc/ml
Xe-131m	4.43e-10	1.82e-10	1.54e-10	2.96e-10	3.09e-10	1.54e-10	uc/ml
Xe-133	1.40e-07	5.77e-08	4.86e-08	9.38e-08	9.78e-08	4.86e-08	uc/ml
Xe-133m	4.83e-09	1.99e-09	1.68e-09	3.23e-09	3.37e-09	1.68e-09	uc/ml
Xe-135	3.11e-08	1.28e-08	1.08e-08	2.08e-08	2.17e-08	1.08e-08	uc/ml
Xe-135m	6.57e-11	2.71e-11	2.28e-11	4.40e-11	4.59e-11	2.28e-11	uc/ml
Xe-138	1.36e-10	5.61e-11	4.73e-11	9.12e-11	9.51e-11	4.73e-11	uc/ml
I-131	5.84e-09	2.40e-09	2.02e-09	3.91e-09	4.08e-09	2.03e-09	uc/ml
I-132	4.09e-09	1.68e-09	1.42e-09	2.74e-09	2.86e-09	1.42e-09	uc/ml
I-133	1.09e-08	4.48e-09	3.77e-09	7.28e-09	7.60e-09	3.77e-09	uc/ml
I-134	2.04e-09	8.39e-10	7.07e-10	1.36e-09	1.42e-09	7.07e-10	uc/ml
I-135	8.11e-09	3.34e-09	2.81e-09	5.43e-09	5.67e-09	2.82e-09	uc/ml
Rb-88	1.76e-08	7.24e-09	6.10e-09	1.18e-08	1.23e-08	6.10e-09	uc/ml
Cs-138	7.32e-10	3.02e-10	2.54e-10	4.90e-10	5.11e-10	2.54e-10	uc/ml

N-G	2.12e-07	8.74e-08	7.36e-08	1.42e-07	1.48e-07	7.36e-08	uc/ml
Iodines	3.10e-08	1.27e-08	1.07e-08	2.07e-08	2.16e-08	1.07e-08	uc/ml
Part	1.83e-08	7.54e-09	6.35e-09	1.23e-08	1.28e-08	6.36e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.002	0.001	0.001	0.002	0.002	0.001	r/hr
OW	0.027	0.011	0.009	0.018	0.019	0.009	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	1.09e+03	4.50e+02	7.31e+02	7.63e+02	cpm

11:00:00 sample time + 75 minutes

Auxiliary Building Hallway 11:00:00 Sample Time + 90 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	1.85e-10	7.04e-11	5.73e-11	1.07e-10	1.15e-10	5.83e-11	uc/ml
Kr-85m	5.30e-09	2.02e-09	1.64e-09	3.07e-09	3.30e-09	1.67e-09	uc/ml
Kr-87	6.98e-09	2.66e-09	2.17e-09	4.04e-09	4.35e-09	2.20e-09	uc/ml
Kr-88	1.19e-08	4.52e-09	3.68e-09	6.87e-09	7.40e-09	3.75e-09	uc/ml
Xe-131m	3.28e-10	1.25e-10	1.02e-10	1.90e-10	2.04e-10	1.03e-10	uc/ml
Xe-133	1.04e-07	3.95e-08	3.22e-08	6.00e-08	6.46e-08	3.27e-08	uc/ml
Xe-133m	3.57e-09	1.36e-09	1.11e-09	2.07e-09	2.22e-09	1.13e-09	uc/ml
Xe-135	2.27e-08	8.65e-09	7.05e-09	1.32e-08	1.42e-08	7.17e-09	uc/ml
Xe-135m	2.48e-11	9.43e-12	7.69e-12	1.43e-11	1.54e-11	7.82e-12	uc/ml
Xe-138	4.84e-11	1.84e-11	1.50e-11	2.80e-11	3.01e-11	1.53e-11	uc/ml
I-131	4.32e-09	1.65e-09	1.34e-09	2.50e-09	2.69e-09	1.36e-09	uc/ml
I-132	2.81e-09	1.07e-09	8.72e-10	1.63e-09	1.75e-09	8.87e-10	uc/ml
I-133	8.00e-09	3.04e-09	2.48e-09	4.63e-09	4.98e-09	2.52e-09	uc/ml
I-134	1.24e-09	4.72e-10	3.85e-10	7.18e-10	7.72e-10	3.91e-10	uc/ml
I-135	5.86e-09	2.23e-09	1.82e-09	3.39e-09	3.65e-09	1.85e-09	uc/ml
Rb-88	1.27e-08	4.82e-09	3.93e-09	7.33e-09	7.88e-09	3.99e-09	uc/ml
Cs-138	4.12e-10	1.57e-10	1.28e-10	2.39e-10	2.57e-10	1.30e-10	uc/ml

N-G	1.55e-07	5.89e-08	4.80e-08	8.96e-08	9.64e-08	4.88e-08	uc/ml
Iodines	2.22e-08	8.46e-09	6.89e-09	1.29e-08	1.38e-08	7.01e-09	uc/ml
Part	1.31e-08	4.98e-09	4.05e-09	7.57e-09	8.14e-09	4.12e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.002	0.001	0.001	0.001	0.001	0.001	r/hr
OW	0.019	0.007	0.006	0.011	0.012	0.006	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	7.80e+02	2.97e+02	4.51e+02	4.86e+02	cpm

Auxiliary Building Hallway 11:00:00 Sample Time + 105 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	1.36e-10	4.94e-11	3.93e-11	6.99e-11	7.67e-11	3.99e-11	uc/ml
Kr-85m	3.75e-09	1.36e-09	1.08e-09	1.93e-09	2.11e-09	1.10e-09	uc/ml
Kr-87	4.48e-09	1.63e-09	1.30e-09	2.30e-09	2.53e-09	1.32e-09	uc/ml
Kr-88	8.22e-09	2.98e-09	2.38e-09	4.22e-09	4.64e-09	2.41e-09	uc/ml
Xe-131m	2.41e-10	8.75e-11	6.97e-11	1.24e-10	1.36e-10	7.08e-11	uc/ml
Xe-133	7.62e-08	2.77e-08	2.20e-08	3.92e-08	4.30e-08	2.24e-08	uc/ml
Xe-133m	2.62e-09	9.50e-10	7.57e-10	1.35e-09	1.48e-09	7.68e-10	uc/ml
Xe-135	1.65e-08	5.99e-09	4.77e-09	8.48e-09	9.30e-09	4.84e-09	uc/ml
Xe-135m	9.26e-12	3.36e-12	2.68e-12	4.76e-12	5.23e-12	2.72e-12	uc/ml
Xe-138	1.70e-11	6.19e-12	4.93e-12	8.77e-12	9.62e-12	5.01e-12	uc/ml
I-131	3.18e-09	1.15e-09	9.19e-10	1.63e-09	1.79e-09	9.33e-10	uc/ml
I-132	1.92e-09	6.97e-10	5.55e-10	9.86e-10	1.08e-09	5.63e-10	uc/ml
I-133	5.83e-09	2.12e-09	1.69e-09	3.00e-09	3.29e-09	1.71e-09	uc/ml
I-134	7.49e-10	2.72e-10	2.17e-10	3.85e-10	4.22e-10	2.20e-10	uc/ml
I-135	4.20e-09	1.52e-09	1.21e-09	2.16e-09	2.37e-09	1.23e-09	uc/ml
Rb-88	8.92e-09	3.24e-09	2.58e-09	4.59e-09	5.03e-09	2.62e-09	uc/ml
Cs-138	2.26e-10	8.22e-11	6.55e-11	1.16e-10	1.28e-10	6.65e-11	uc/ml
N-G	1.12e-07	4.07e-08	3.24e-08	5.77e-08	6.33e-08	3.29e-08	uc/ml
Iodines	1.59e-08	5.76e-09	4.59e-09	8.16e-09	8.96e-09	4.66e-09	uc/ml
Part	9.15e-09	3.32e-09	2.65e-09	4.70e-09	5.16e-09	2.69e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.001	0.000	0.000	0.001	0.001	0.000	r/hr
OW	0.014	0.005	0.004	0.007	0.008	0.004	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	5.48e+02	1.99e+02	2.82e+02	3.09e+02	cpm

11:00:00 sample time + 105 minutes

Auxiliary Building Hallway 11:00:00 Sample Time + 120 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	9.95e-11	3.49e-11	2.74e-11	4.65e-11	5.16e-11	2.76e-11	uc/ml
Kr-85m	2.64e-09	9.26e-10	7.26e-10	1.23e-09	1.37e-09	7.32e-10	uc/ml
Kr-87	2.86e-09	1.00e-09	7.88e-10	1.34e-09	1.48e-09	7.94e-10	uc/ml
Kr-88	5.66e-09	1.99e-09	1.56e-09	2.64e-09	2.93e-09	1.57e-09	uc/ml
Xe-131m	1.76e-10	6.19e-11	4.85e-11	8.24e-11	9.14e-11	4.89e-11	uc/ml
Xe-133	5.57e-08	1.95e-08	1.53e-08	2.60e-08	2.89e-08	1.54e-08	uc/ml
Xe-133m	1.91e-09	6.70e-10	5.25e-10	8.92e-10	9.90e-10	5.29e-10	uc/ml
Xe-135	1.19e-08	4.18e-09	3.27e-09	5.56e-09	6.17e-09	3.30e-09	uc/ml
Xe-135m	3.44e-12	1.21e-12	9.49e-13	1.61e-12	1.79e-12	9.56e-13	uc/ml
Xe-138	5.97e-12	2.10e-12	1.65e-12	2.79e-12	3.10e-12	1.66e-12	uc/ml
I-131	2.32e-09	8.16e-10	6.39e-10	1.09e-09	1.20e-09	6.44e-10	uc/ml
I-132	1.30e-09	4.57e-10	3.58e-10	6.09e-10	6.75e-10	3.61e-10	uc/ml
I-133	4.23e-09	1.49e-09	1.16e-09	1.98e-09	2.19e-09	1.17e-09	uc/ml
I-134	4.49e-10	1.58e-10	1.24e-10	2.10e-10	2.33e-10	1.25e-10	uc/ml
I-135	2.99e-09	1.05e-09	8.24e-10	1.40e-09	1.55e-09	8.30e-10	uc/ml
Rb-88	6.21e-09	2.18e-09	1.71e-09	2.90e-09	3.22e-09	1.72e-09	uc/ml
Cs-138	1.22e-10	4.30e-11	3.37e-11	5.72e-11	6.35e-11	3.39e-11	uc/ml
N-G	8.09e-08	2.84e-08	2.23e-08	3.78e-08	4.20e-08	2.24e-08	uc/ml
Iodines	1.13e-08	3.97e-09	3.11e-09	5.28e-09	5.86e-09	3.13e-09	uc/ml
Part	6.33e-09	2.22e-09	1.74e-09	2.96e-09	3.28e-09	1.76e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.001	0.000	0.000	0.000	0.000	0.000	r/hr
OW	0.010	0.004	0.003	0.005	0.005	0.003	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	3.80e+02	1.34e+02	1.78e+02	1.97e+02	cpm

Auxiliary Building Hallway 11:15:00 Sample Time + 15 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	3.64e-11	3.64e-10	1.31e-10	5.12e-11	4.50e-11	6.78e-11	uc/ml
Kr-85m	1.22e-09	1.22e-08	4.38e-09	1.71e-09	1.50e-09	2.27e-09	uc/ml
Kr-87	1.80e-09	1.80e-08	6.49e-09	2.53e-09	2.23e-09	3.36e-09	uc/ml
Kr-88	2.99e-09	2.98e-08	1.07e-08	4.20e-09	3.69e-09	5.56e-09	uc/ml
Xe-131m	6.48e-11	6.47e-10	2.33e-10	9.10e-11	8.00e-11	1.21e-10	uc/ml
Xe-133	1.56e-08	1.56e-07	5.62e-08	2.19e-08	1.93e-08	2.91e-08	uc/ml
Xe-133m	5.42e-10	5.41e-09	1.95e-09	7.61e-10	6.69e-10	1.01e-09	uc/ml
Xe-135	3.71e-09	3.71e-08	1.34e-08	5.22e-09	4.59e-09	6.91e-09	uc/ml
Xe-135m	5.56e-11	5.55e-10	2.00e-10	7.81e-11	6.87e-11	1.03e-10	uc/ml
Xe-138	1.38e-10	1.37e-09	4.95e-10	1.93e-10	1.70e-10	2.56e-10	uc/ml
I-131	6.29e-10	6.29e-09	2.26e-09	8.84e-10	7.77e-10	1.17e-09	uc/ml
I-132	5.52e-10	5.51e-09	1.98e-09	7.75e-10	6.81e-10	1.03e-09	uc/ml
I-133	1.20e-09	1.20e-08	4.31e-09	1.68e-09	1.48e-09	2.23e-09	uc/ml
I-134	3.96e-10	3.96e-09	1.43e-09	5.57e-10	4.89e-10	7.38e-10	uc/ml
I-135	9.43e-10	9.42e-09	3.40e-09	1.33e-09	1.16e-09	1.76e-09	uc/ml
Rb-88	1.36e-09	1.35e-08	4.87e-09	1.90e-09	1.67e-09	2.52e-09	uc/ml
Cs-138	5.49e-11	5.48e-10	1.98e-10	7.72e-11	6.78e-11	1.02e-10	uc/ml
N-G	2.62e-08	2.62e-07	9.42e-08	3.68e-08	3.23e-08	4.87e-08	uc/ml
Iodines	3.72e-09	3.72e-08	1.34e-08	5.23e-09	4.59e-09	6.92e-09	uc/ml
Part	1.41e-09	1.41e-08	5.07e-09	1.98e-09	1.74e-09	2.62e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.000	0.003	0.001	0.000	0.000	0.001	r/hr
OW	0.003	0.033	0.012	0.005	0.004	0.006	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	9.09e+01	9.07e+02	1.28e+02	1.12e+02	cpm

Auxiliary Building Hallway 11:15:00 Sample Time + 30 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	3.60e-11	7.11e-11	4.97e-11	4.28e-11	3.84e-11	2.92e-11	uc/ml
Kr-85m	1.16e-09	2.29e-09	1.60e-09	1.33e-09	1.23e-09	9.38e-10	uc/ml
Kr-87	1.55e-09	3.07e-09	2.15e-09	1.85e-09	1.66e-09	1.26e-09	uc/ml
Kr-88	2.77e-09	5.48e-09	3.83e-09	3.30e-09	2.96e-09	2.25e-09	uc/ml
Xe-131m	6.40e-11	1.26e-10	8.84e-11	7.61e-11	6.82e-11	5.18e-11	uc/ml
Xe-133	1.54e-08	3.04e-08	2.13e-08	1.83e-08	1.64e-08	1.25e-08	uc/ml
Xe-133m	5.33e-10	1.05e-09	7.37e-10	6.35e-10	5.69e-10	4.32e-10	uc/ml
Xe-135	3.62e-09	7.14e-09	5.00e-09	4.30e-09	3.86e-09	2.93e-09	uc/ml
Xe-135m	2.79e-11	5.51e-11	3.86e-11	3.32e-11	2.98e-11	2.26e-11	uc/ml
Xe-138	6.51e-11	1.29e-10	9.00e-11	7.75e-11	6.94e-11	5.28e-11	uc/ml
I-131	6.21e-10	1.23e-09	8.58e-10	7.39e-10	6.62e-10	5.03e-10	uc/ml
I-132	5.05e-10	9.98e-10	6.98e-10	6.01e-10	5.39e-10	4.10e-10	uc/ml
I-133	1.17e-09	2.32e-09	1.62e-09	1.40e-09	1.25e-09	9.52e-10	uc/ml
I-134	3.21e-10	6.35e-10	4.44e-10	3.82e-10	3.43e-10	2.60e-10	uc/ml
I-135	9.08e-10	1.79e-09	1.25e-09	1.08e-09	9.68e-10	7.36e-10	uc/ml
Rb-88	2.01e-09	3.96e-09	2.77e-09	2.39e-09	2.14e-09	1.63e-09	uc/ml
Cs-138	6.53e-11	1.29e-10	9.02e-11	7.77e-11	6.96e-11	5.29e-11	uc/ml
N-G	2.52e-08	4.98e-08	3.49e-08	3.00e-08	2.69e-08	2.05e-08	uc/ml
Iodines	3.53e-09	6.97e-09	4.88e-09	4.20e-09	3.76e-09	2.86e-09	uc/ml
Part	2.07e-09	4.09e-09	2.86e-09	2.46e-09	2.21e-09	1.68e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.000	0.001	0.000	0.000	0.000	0.000	r/hr
OW	0.003	0.006	0.004	0.004	0.003	0.003	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	1.24e+02	2.44e+02	1.47e+02	1.32e+02	cpm

11:15:00 sample time + 30 minutes

Auxiliary Building Hallway 11:15:00 Sample Time + 45 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	2.91e-11	2.19e-11	1.92e-11	2.82e-11	2.67e-11	1.47e-11	uc/ml
Kr-85m	9.00e-10	6.76e-10	5.95e-10	8.74e-10	8.26e-10	4.56e-10	uc/ml
Kr-87	1.10e-09	8.24e-10	7.25e-10	1.07e-09	1.01e-09	5.56e-10	uc/ml
Kr-88	2.11e-09	1.59e-09	1.39e-09	2.05e-09	1.94e-09	1.07e-09	uc/ml
Xe-131m	5.17e-11	3.88e-11	3.41e-11	5.02e-11	4.74e-11	2.62e-11	uc/ml
Xe-133	1.24e-08	9.35e-09	8.22e-09	1.21e-08	1.14e-08	6.31e-09	uc/ml
Xe-133m	4.30e-10	3.23e-10	2.84e-10	4.17e-10	3.94e-10	2.18e-10	uc/ml
Xe-135	2.88e-09	2.17e-09	1.90e-09	2.80e-09	2.65e-09	1.46e-09	uc/ml
Xe-135m	1.15e-11	8.62e-12	7.58e-12	1.11e-11	1.05e-11	5.82e-12	uc/ml
Xe-138	2.52e-11	1.90e-11	1.67e-11	2.45e-11	2.31e-11	1.28e-11	uc/ml
I-131	5.02e-10	3.77e-10	3.31e-10	4.87e-10	4.60e-10	2.54e-10	uc/ml
I-132	3.79e-10	2.85e-10	2.50e-10	3.68e-10	3.48e-10	1.92e-10	uc/ml
I-133	9.42e-10	7.08e-10	6.22e-10	9.14e-10	8.64e-10	4.77e-10	uc/ml
I-134	2.13e-10	1.60e-10	1.41e-10	2.07e-10	1.96e-10	1.08e-10	uc/ml
I-135	7.15e-10	5.37e-10	4.72e-10	6.94e-10	6.56e-10	3.62e-10	uc/ml
Rb-88	1.86e-09	1.40e-09	1.23e-09	1.81e-09	1.71e-09	9.44e-10	uc/ml
Cs-138	4.83e-11	3.63e-11	3.19e-11	4.69e-11	4.43e-11	2.45e-11	uc/ml
N-G	2.00e-08	1.50e-08	1.32e-08	1.94e-08	1.83e-08	1.01e-08	uc/ml
Iodines	2.75e-09	2.07e-09	1.82e-09	2.67e-09	2.52e-09	1.39e-09	uc/ml
Part	1.91e-09	1.44e-09	1.26e-09	1.86e-09	1.75e-09	9.68e-10	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.000	0.000	0.000	0.000	0.000	0.000	r/hr
OW	0.003	0.002	0.002	0.002	0.002	0.001	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	1.11e+02	8.37e+01	1.08e+02	1.02e+02	cpm

11:15:00 sample time + 45 minutes

Auxiliary Building Hallway 11:15:00 Sample Time + 60 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	2.23e-11	1.09e-11	9.56e-12	1.78e-11	1.77e-11	8.89e-12	uc/ml
Kr-85m	6.64e-10	3.24e-10	2.85e-10	5.29e-10	5.28e-10	2.65e-10	uc/ml
Kr-87	7.34e-10	3.58e-10	3.15e-10	5.84e-10	5.83e-10	2.92e-10	uc/ml
Kr-88	1.52e-09	7.42e-10	6.53e-10	1.21e-09	1.21e-09	6.07e-10	uc/ml
Xe-131m	3.96e-11	1.93e-11	1.70e-11	3.15e-11	3.15e-11	1.58e-11	uc/ml
Xe-133	9.52e-09	4.64e-09	4.09e-09	7.59e-09	7.57e-09	3.80e-09	uc/ml
Xe-133m	3.28e-10	1.60e-10	1.41e-10	2.62e-10	2.61e-10	1.31e-10	uc/ml
Xe-135	2.18e-09	1.06e-09	9.35e-10	1.74e-09	1.73e-09	8.68e-10	uc/ml
Xe-135m	4.47e-12	2.18e-12	1.92e-12	3.56e-12	3.55e-12	1.78e-12	uc/ml
Xe-138	9.26e-12	4.52e-12	3.97e-12	7.38e-12	7.36e-12	3.69e-12	uc/ml
I-131	3.84e-10	1.87e-10	1.65e-10	3.06e-10	3.05e-10	1.53e-10	uc/ml
I-132	2.69e-10	1.31e-10	1.16e-10	2.14e-10	2.14e-10	1.07e-10	uc/ml
I-133	7.16e-10	3.49e-10	3.07e-10	5.70e-10	5.69e-10	2.85e-10	uc/ml
I-134	1.34e-10	6.54e-11	5.75e-11	1.07e-10	1.07e-10	5.35e-11	uc/ml
I-135	5.34e-10	2.60e-10	2.29e-10	4.25e-10	4.24e-10	2.13e-10	uc/ml
Rb-88	1.49e-09	7.25e-10	6.38e-10	1.18e-09	1.18e-09	5.92e-10	uc/ml
Cs-138	3.05e-11	1.49e-11	1.31e-11	2.43e-11	2.42e-11	1.22e-11	uc/ml
N-G	1.50e-08	7.32e-09	6.45e-09	1.20e-08	1.19e-08	5.99e-09	uc/ml
Iodines	2.04e-09	9.93e-10	8.74e-10	1.62e-09	1.62e-09	8.12e-10	uc/ml
Part	1.52e-09	7.39e-10	6.51e-10	1.21e-09	1.21e-09	6.05e-10	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.000	0.000	0.000	0.000	0.000	0.000	r/hr
OW	0.002	0.001	0.001	0.001	0.001	0.001	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	8.78e+01	4.28e+01	6.99e+01	6.98e+01	cpm

11:15:00 sample time + 60 minutes

Auxiliary Building Hallway 11:15:00 Sample Time + 75 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	1.67e-11	6.88e-12	5.80e-12	1.12e-11	1.17e-11	5.80e-12	uc/ml
Kr-85m	4.79e-10	1.97e-10	1.66e-10	3.21e-10	3.34e-10	1.66e-10	uc/ml
Kr-87	4.80e-10	1.98e-10	1.66e-10	3.21e-10	3.35e-10	1.67e-10	uc/ml
Kr-88	1.07e-09	4.42e-10	3.72e-10	7.19e-10	7.50e-10	3.73e-10	uc/ml
Xe-131m	2.97e-11	1.22e-11	1.03e-11	1.99e-11	2.07e-11	1.03e-11	uc/ml
Xe-133	7.13e-09	2.94e-09	2.47e-09	4.77e-09	4.98e-09	2.47e-09	uc/ml
Xe-133m	2.45e-10	1.01e-10	8.51e-11	1.64e-10	1.71e-10	8.51e-11	uc/ml
Xe-135	1.61e-09	6.63e-10	5.58e-10	1.08e-09	1.12e-09	5.59e-10	uc/ml
Xe-135m	1.70e-12	7.02e-13	5.91e-13	1.14e-12	1.19e-12	5.92e-13	uc/ml
Xe-138	3.33e-12	1.37e-12	1.15e-12	2.23e-12	2.32e-12	1.16e-12	uc/ml
I-131	2.88e-10	1.18e-10	9.98e-11	1.93e-10	2.01e-10	9.99e-11	uc/ml
I-132	1.87e-10	7.71e-11	6.49e-11	1.25e-10	1.31e-10	6.50e-11	uc/ml
I-133	5.32e-10	2.19e-10	1.84e-10	3.56e-10	3.72e-10	1.85e-10	uc/ml
I-134	8.25e-11	3.40e-11	2.86e-11	5.52e-11	5.76e-11	2.86e-11	uc/ml
I-135	3.90e-10	1.61e-10	1.35e-10	2.61e-10	2.72e-10	1.35e-10	uc/ml
Rb-88	1.11e-09	4.57e-10	3.84e-10	7.42e-10	7.74e-10	3.85e-10	uc/ml
Cs-138	1.79e-11	7.37e-12	6.20e-12	1.20e-11	1.25e-11	6.21e-12	uc/ml
N-G	1.11e-08	4.56e-09	3.84e-09	7.41e-09	7.73e-09	3.84e-09	uc/ml
Iodines	1.48e-09	6.09e-10	5.13e-10	9.90e-10	1.03e-09	5.13e-10	uc/ml
Part	1.13e-09	4.64e-10	3.91e-10	7.54e-10	7.87e-10	3.91e-10	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.000	0.000	0.000	0.000	0.000	0.000	r/hr
OW	0.001	0.001	0.000	0.001	0.001	0.000	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	6.50e+01	2.68e+01	4.35e+01	4.54e+01	cpm

Auxiliary Building Hallway 11:15:00 Sample Time + 90 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	1.24e-11	4.72e-12	3.84e-12	7.17e-12	7.72e-12	3.91e-12	uc/ml
Kr-85m	3.41e-10	1.30e-10	1.06e-10	1.98e-10	2.13e-10	1.08e-10	uc/ml
Kr-87	3.11e-10	1.18e-10	9.63e-11	1.80e-10	1.93e-10	9.80e-11	uc/ml
Kr-88	7.49e-10	2.85e-10	2.32e-10	4.33e-10	4.66e-10	2.36e-10	uc/ml
Xe-131m	2.20e-11	8.36e-12	6.81e-12	1.27e-11	1.37e-11	6.93e-12	uc/ml
Xe-133	5.28e-09	2.01e-09	1.64e-09	3.06e-09	3.29e-09	1.67e-09	uc/ml
Xe-133m	1.81e-10	6.90e-11	5.62e-11	1.05e-10	1.13e-10	5.72e-11	uc/ml
Xe-135	1.18e-09	4.48e-10	3.65e-10	6.81e-10	7.33e-10	3.71e-10	uc/ml
Xe-135m	6.42e-13	2.45e-13	1.99e-13	3.72e-13	4.00e-13	2.03e-13	uc/ml
Xe-138	1.18e-12	4.50e-13	3.67e-13	6.84e-13	7.36e-13	3.73e-13	uc/ml
I-131	2.13e-10	8.11e-11	6.61e-11	1.23e-10	1.33e-10	6.72e-11	uc/ml
I-132	1.29e-10	4.90e-11	3.99e-11	7.45e-11	8.02e-11	4.06e-11	uc/ml
I-133	3.91e-10	1.49e-10	1.21e-10	2.26e-10	2.44e-10	1.23e-10	uc/ml
I-134	5.02e-11	1.91e-11	1.56e-11	2.91e-11	3.13e-11	1.58e-11	uc/ml
I-135	2.82e-10	1.07e-10	8.73e-11	1.63e-10	1.75e-10	8.88e-11	uc/ml
Rb-88	7.98e-10	3.04e-10	2.48e-10	4.62e-10	4.97e-10	2.52e-10	uc/ml
Cs-138	1.01e-11	3.83e-12	3.12e-12	5.83e-12	6.27e-12	3.18e-12	uc/ml
N-G	8.07e-09	3.07e-09	2.50e-09	4.67e-09	5.03e-09	2.55e-09	uc/ml
Iodines	1.06e-09	4.05e-10	3.30e-10	6.16e-10	6.63e-10	3.36e-10	uc/ml
Part	8.08e-10	3.08e-10	2.51e-10	4.68e-10	5.03e-10	2.55e-10	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.000	0.000	0.000	0.000	0.000	0.000	r/hr
OW	0.001	0.000	0.000	0.001	0.001	0.000	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	4.67e+01	1.78e+01	2.70e+01	2.91e+01	cpm

Auxiliary Building Hallway 11:15:00 Sample Time + 105 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	9.12e-12	3.31e-12	2.64e-12	4.69e-12	5.14e-12	2.68e-12	uc/ml
Kr-85m	2.42e-10	8.77e-11	6.99e-11	1.24e-10	1.36e-10	7.09e-11	uc/ml
Kr-87	1.99e-10	7.24e-11	5.77e-11	1.02e-10	1.12e-10	5.85e-11	uc/ml
Kr-88	5.18e-10	1.88e-10	1.50e-10	2.66e-10	2.92e-10	1.52e-10	uc/ml
Xe-131m	1.62e-11	5.86e-12	4.67e-12	8.30e-12	9.11e-12	4.74e-12	uc/ml
Xe-133	3.88e-09	1.41e-09	1.12e-09	1.99e-09	2.19e-09	1.14e-09	uc/ml
Xe-133m	1.33e-10	4.82e-11	3.84e-11	6.83e-11	7.50e-11	3.90e-11	uc/ml
Xe-135	8.53e-10	3.10e-10	2.47e-10	4.39e-10	4.81e-10	2.50e-10	uc/ml
Xe-135m	2.40e-13	8.72e-14	6.95e-14	1.23e-13	1.35e-13	7.05e-14	uc/ml
Xe-138	4.16e-13	1.51e-13	1.20e-13	2.14e-13	2.35e-13	1.22e-13	uc/ml
I-131	1.57e-10	5.69e-11	4.53e-11	8.05e-11	8.84e-11	4.60e-11	uc/ml
I-132	8.78e-11	3.19e-11	2.54e-11	4.52e-11	4.96e-11	2.58e-11	uc/ml
I-133	2.85e-10	1.04e-10	8.25e-11	1.47e-10	1.61e-10	8.38e-11	uc/ml
I-134	3.03e-11	1.10e-11	8.77e-12	1.56e-11	1.71e-11	8.90e-12	uc/ml
I-135	2.02e-10	7.32e-11	5.84e-11	1.04e-10	1.14e-10	5.92e-11	uc/ml
Rb-88	5.63e-10	2.04e-10	1.63e-10	2.89e-10	3.17e-10	1.65e-10	uc/ml
Cs-138	5.53e-12	2.01e-12	1.60e-12	2.84e-12	3.12e-12	1.62e-12	uc/ml
N-G	5.85e-09	2.12e-09	1.69e-09	3.01e-09	3.30e-09	1.72e-09	uc/ml
Iodines	7.62e-10	2.77e-10	2.20e-10	3.92e-10	4.30e-10	2.24e-10	uc/ml
Part	5.68e-10	2.06e-10	1.64e-10	2.92e-10	3.21e-10	1.67e-10	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.000	0.000	0.000	0.000	0.000	0.000	r/hr
OW	0.001	0.000	0.000	0.000	0.000	0.000	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	3.29e+01	1.19e+01	1.69e+01	1.85e+01	cpm

11:15:00 sample time + 105 minutes

Auxiliary Building Hallway 11:30:00 Sample Time + 15 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	4.63e-11	4.63e-10	1.67e-10	6.51e-11	5.72e-11	8.62e-11	uc/ml
Kr-85m	1.49e-09	1.49e-08	5.36e-09	2.09e-09	1.84e-09	2.77e-09	uc/ml
Kr-87	1.96e-09	1.96e-08	7.04e-09	2.75e-09	2.42e-09	3.64e-09	uc/ml
Kr-88	3.57e-09	3.57e-08	1.29e-08	5.02e-09	4.41e-09	6.65e-09	uc/ml
Xe-131m	8.23e-11	8.22e-10	2.96e-10	1.16e-10	1.02e-10	1.53e-10	uc/ml
Xe-133	1.94e-08	1.94e-07	6.99e-08	2.73e-08	2.40e-08	3.61e-08	uc/ml
Xe-133m	6.71e-10	6.71e-09	2.42e-09	9.43e-10	8.29e-10	1.25e-09	uc/ml
Xe-135	4.70e-09	4.70e-08	1.69e-08	6.61e-09	5.81e-09	8.75e-09	uc/ml
Xe-135m	3.51e-11	3.51e-10	1.26e-10	4.94e-11	4.34e-11	6.54e-11	uc/ml
Xe-138	8.20e-11	8.18e-10	2.95e-10	1.15e-10	1.01e-10	1.52e-10	uc/ml
I-131	7.78e-10	7.77e-09	2.80e-09	1.09e-09	9.61e-10	1.45e-09	uc/ml
I-132	6.33e-10	6.33e-09	2.28e-09	8.90e-10	7.82e-10	1.18e-09	uc/ml
I-133	1.47e-09	1.47e-08	5.30e-09	2.07e-09	1.82e-09	2.74e-09	uc/ml
I-134	4.03e-10	4.02e-09	1.45e-09	5.66e-10	4.97e-10	7.49e-10	uc/ml
I-135	1.14e-09	1.14e-08	4.09e-09	1.60e-09	1.40e-09	2.12e-09	uc/ml
Rb-88	1.62e-09	1.62e-08	5.83e-09	2.28e-09	2.00e-09	3.01e-09	uc/ml
Cs-138	3.27e-11	3.27e-10	1.18e-10	4.60e-11	4.04e-11	6.08e-11	uc/ml
N-G	3.21e-08	3.20e-07	1.15e-07	4.50e-08	3.96e-08	5.96e-08	uc/ml
Iodines	4.42e-09	4.42e-08	1.59e-08	6.21e-09	5.46e-09	8.23e-09	uc/ml
Part	1.65e-09	1.65e-08	5.95e-09	2.32e-09	2.04e-09	3.07e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.000	0.004	0.001	0.001	0.000	0.001	r/hr
OW	0.004	0.040	0.014	0.006	0.005	0.007	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	1.07e+02	1.07e+03	1.50e+02	1.32e+02	cpm

11:30:00 sample time + 15 minutes

Auxiliary Building Hallway 11:30:00 Sample Time + 30 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	4.58e-11	9.04e-11	6.32e-11	5.45e-11	4.88e-11	3.71e-11	uc/ml
Kr-85m	1.42e-09	2.80e-09	1.96e-09	1.68e-09	1.51e-09	1.15e-09	uc/ml
Kr-87	1.69e-09	3.33e-09	2.33e-09	2.01e-09	1.80e-09	1.37e-09	uc/ml
Kr-88	3.32e-09	6.56e-09	4.59e-09	3.95e-09	3.54e-09	2.69e-09	uc/ml
Xe-131m	8.13e-11	1.60e-10	1.12e-10	9.67e-11	8.67e-11	6.59e-11	uc/ml
Xe-133	1.91e-08	3.78e-08	2.65e-08	2.28e-08	2.04e-08	1.55e-08	uc/ml
Xe-133m	6.61e-10	1.31e-09	9.13e-10	7.87e-10	7.05e-10	5.36e-10	uc/ml
Xe-135	4.58e-09	9.05e-09	6.33e-09	5.45e-09	4.88e-09	3.71e-09	uc/ml
Xe-135m	1.76e-11	3.48e-11	2.44e-11	2.10e-11	1.88e-11	1.43e-11	uc/ml
Xe-138	3.88e-11	7.66e-11	5.36e-11	4.62e-11	4.14e-11	3.14e-11	uc/ml
I-131	7.68e-10	1.52e-09	1.06e-09	9.14e-10	8.19e-10	6.22e-10	uc/ml
I-132	5.80e-10	1.15e-09	8.02e-10	6.91e-10	6.19e-10	4.70e-10	uc/ml
I-133	1.44e-09	2.85e-09	1.99e-09	1.72e-09	1.54e-09	1.17e-09	uc/ml
I-134	3.26e-10	6.44e-10	4.51e-10	3.88e-10	3.48e-10	2.65e-10	uc/ml
I-135	1.09e-09	2.16e-09	1.51e-09	1.30e-09	1.17e-09	8.87e-10	uc/ml
Rb-88	2.40e-09	4.74e-09	3.31e-09	2.86e-09	2.56e-09	1.94e-09	uc/ml
Cs-138	3.89e-11	7.67e-11	5.37e-11	4.63e-11	4.15e-11	3.15e-11	uc/ml

N-G	3.10e-08	6.12e-08	4.28e-08	3.69e-08	3.31e-08	2.51e-08	uc/ml
Iodines	4.21e-09	8.31e-09	5.82e-09	5.01e-09	4.49e-09	3.41e-09	uc/ml
Part	2.44e-09	4.81e-09	3.37e-09	2.90e-09	2.60e-09	1.98e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.000	0.001	0.000	0.000	0.000	0.000	r/hr
OW	0.004	0.008	0.005	0.005	0.004	0.003	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	1.46e+02	2.88e+02	1.74e+02	1.55e+02	cpm

Auxiliary Building Hallway 11:30:00 Sample Time + 45 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	3.70e-11	2.78e-11	2.44e-11	3.59e-11	3.39e-11	1.87e-11	uc/ml
Kr-85m	1.10e-09	8.28e-10	7.27e-10	1.07e-09	1.01e-09	5.58e-10	uc/ml
Kr-87	1.19e-09	8.94e-10	7.86e-10	1.16e-09	1.09e-09	6.03e-10	uc/ml
Kr-88	2.53e-09	1.90e-09	1.67e-09	2.45e-09	2.32e-09	1.28e-09	uc/ml
Xe-131m	6.57e-11	4.93e-11	4.34e-11	6.38e-11	6.03e-11	3.33e-11	uc/ml
Xe-133	1.55e-08	1.16e-08	1.02e-08	1.50e-08	1.42e-08	7.84e-09	uc/ml
Xe-133m	5.33e-10	4.00e-10	3.52e-10	5.17e-10	4.89e-10	2.70e-10	uc/ml
Xe-135	3.65e-09	2.74e-09	2.41e-09	3.54e-09	3.35e-09	1.85e-09	uc/ml
Xe-135m	7.25e-12	5.45e-12	4.79e-12	7.04e-12	6.66e-12	3.68e-12	uc/ml
Xe-138	1.50e-11	1.13e-11	9.93e-12	1.46e-11	1.38e-11	7.62e-12	uc/ml
I-131	6.20e-10	4.66e-10	4.10e-10	6.02e-10	5.69e-10	3.14e-10	uc/ml
I-132	4.35e-10	3.27e-10	2.87e-10	4.22e-10	3.99e-10	2.21e-10	uc/ml
I-133	1.16e-09	8.68e-10	7.63e-10	1.12e-09	1.06e-09	5.86e-10	uc/ml
I-134	2.17e-10	1.63e-10	1.43e-10	2.10e-10	1.99e-10	1.10e-10	uc/ml
I-135	8.62e-10	6.48e-10	5.69e-10	8.37e-10	7.91e-10	4.37e-10	uc/ml
Rb-88	2.23e-09	1.67e-09	1.47e-09	2.16e-09	2.04e-09	1.13e-09	uc/ml
Cs-138	2.88e-11	2.16e-11	1.90e-11	2.79e-11	2.64e-11	1.46e-11	uc/ml
N-G	2.46e-08	1.85e-08	1.62e-08	2.39e-08	2.26e-08	1.25e-08	uc/ml
Iodines	3.29e-09	2.47e-09	2.17e-09	3.19e-09	3.02e-09	1.67e-09	uc/ml
Part	2.26e-09	1.70e-09	1.49e-09	2.19e-09	2.07e-09	1.14e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.000	0.000	0.000	0.000	0.000	0.000	r/hr
OW	0.003	0.002	0.002	0.003	0.003	0.002	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	1.32e+02	9.91e+01	1.28e+02	1.21e+02	cpm

Auxiliary Building Hallway 11:30:00 Sample Time + 60 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	2.83e-11	1.38e-11	1.22e-11	2.26e-11	2.25e-11	1.13e-11	uc/ml
Kr-85m	8.12e-10	3.96e-10	3.48e-10	6.47e-10	6.46e-10	3.24e-10	uc/ml
Kr-87	7.96e-10	3.88e-10	3.41e-10	6.34e-10	6.33e-10	3.17e-10	uc/ml
Kr-88	1.82e-09	8.87e-10	7.81e-10	1.45e-09	1.45e-09	7.26e-10	uc/ml
Xe-131m	5.03e-11	2.45e-11	2.16e-11	4.01e-11	4.00e-11	2.00e-11	uc/ml
Xe-133	1.18e-08	5.77e-09	5.08e-09	9.43e-09	9.41e-09	4.72e-09	uc/ml
Xe-133m	4.07e-10	1.98e-10	1.75e-10	3.24e-10	3.24e-10	1.62e-10	uc/ml
Xe-135	2.76e-09	1.34e-09	1.18e-09	2.20e-09	2.19e-09	1.10e-09	uc/ml
Xe-135m	2.83e-12	1.38e-12	1.21e-12	2.25e-12	2.25e-12	1.13e-12	uc/ml
Xe-138	5.52e-12	2.69e-12	2.37e-12	4.39e-12	4.39e-12	2.20e-12	uc/ml
I-131	4.75e-10	2.31e-10	2.04e-10	3.78e-10	3.78e-10	1.89e-10	uc/ml
I-132	3.09e-10	1.51e-10	1.33e-10	2.46e-10	2.46e-10	1.23e-10	uc/ml
I-133	8.78e-10	4.28e-10	3.77e-10	6.99e-10	6.98e-10	3.50e-10	uc/ml
I-134	1.36e-10	6.64e-11	5.84e-11	1.08e-10	1.08e-10	5.43e-11	uc/ml
I-135	6.43e-10	3.14e-10	2.76e-10	5.13e-10	5.12e-10	2.56e-10	uc/ml
Rb-88	1.78e-09	8.67e-10	7.63e-10	1.42e-09	1.41e-09	7.09e-10	uc/ml
Cs-138	1.82e-11	8.85e-12	7.79e-12	1.45e-11	1.44e-11	7.24e-12	uc/ml

N-G	1.85e-08	9.02e-09	7.94e-09	1.47e-08	1.47e-08	7.38e-09	uc/ml
Iodines	2.44e-09	1.19e-09	1.05e-09	1.95e-09	1.94e-09	9.73e-10	uc/ml
Part	1.80e-09	8.76e-10	7.71e-10	1.43e-09	1.43e-09	7.16e-10	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.000	0.000	0.000	0.000	0.000	0.000	r/hr
OW	0.002	0.001	0.001	0.002	0.002	0.001	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	1.04e+02	5.07e+01	8.29e+01	8.28e+01	cpm

Auxiliary Building Hallway 11:30:00 Sample Time + 75 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	2.13e-11	8.75e-12	7.37e-12	1.42e-11	1.48e-11	7.38e-12	uc/ml
Kr-85m	5.86e-10	2.41e-10	2.03e-10	3.92e-10	4.09e-10	2.03e-10	uc/ml
Kr-87	5.21e-10	2.14e-10	1.81e-10	3.49e-10	3.64e-10	1.81e-10	uc/ml
Kr-88	1.28e-09	5.29e-10	4.45e-10	8.60e-10	8.97e-10	4.46e-10	uc/ml
Xe-131m	3.77e-11	1.55e-11	1.31e-11	2.52e-11	2.63e-11	1.31e-11	uc/ml
Xe-133	8.86e-09	3.65e-09	3.07e-09	5.93e-09	6.19e-09	3.08e-09	uc/ml
Xe-133m	3.04e-10	1.25e-10	1.05e-10	2.04e-10	2.12e-10	1.06e-10	uc/ml
Xe-135	2.04e-09	8.39e-10	7.06e-10	1.36e-09	1.42e-09	7.07e-10	uc/ml
Xe-135m	1.08e-12	4.44e-13	3.74e-13	7.21e-13	7.52e-13	3.74e-13	uc/ml
Xe-138	1.98e-12	8.16e-13	6.87e-13	1.33e-12	1.38e-12	6.88e-13	uc/ml
I-131	3.56e-10	1.47e-10	1.23e-10	2.38e-10	2.48e-10	1.23e-10	uc/ml
I-132	2.15e-10	8.86e-11	7.46e-11	1.44e-10	1.50e-10	7.46e-11	uc/ml
I-133	6.53e-10	2.69e-10	2.26e-10	4.37e-10	4.56e-10	2.27e-10	uc/ml
I-134	8.38e-11	3.45e-11	2.91e-11	5.61e-11	5.85e-11	2.91e-11	uc/ml
I-135	4.70e-10	1.94e-10	1.63e-10	3.15e-10	3.28e-10	1.63e-10	uc/ml
Rb-88	1.33e-09	5.46e-10	4.60e-10	8.88e-10	9.26e-10	4.60e-10	uc/ml
Cs-138	1.07e-11	4.39e-12	3.69e-12	7.13e-12	7.44e-12	3.70e-12	uc/ml
N-G	1.37e-08	5.62e-09	4.73e-09	9.14e-09	9.54e-09	4.74e-09	uc/ml
Iodines	1.78e-09	7.32e-10	6.16e-10	1.19e-09	1.24e-09	6.17e-10	uc/ml
Part	1.34e-09	5.51e-10	4.64e-10	8.95e-10	9.34e-10	4.64e-10	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.000	0.000	0.000	0.000	0.000	0.000	r/hr
OW	0.002	0.001	0.001	0.001	0.001	0.001	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	7.73e+01	3.18e+01	5.17e+01	5.40e+01	cpm

Auxiliary Building Hallway 11:30:00 Sample Time + 90 minutes

Airborne Sample Analysis

ISOTOPE	155′	139′	130′	121′	100′	77′	Units
Kr-85	1.58e-11	6.00e-12	4.89e-12	9.12e-12	9.81e-12	4.97e-12	uc/ml
Kr-85m	4.18e-10	1.59e-10	1.30e-10	2.42e-10	2.60e-10	1.32e-10	uc/ml
Kr-87	3.37e-10	1.28e-10	1.04e-10	1.95e-10	2.10e-10	1.06e-10	uc/ml
Kr-88	8.96e-10	3.41e-10	2.78e-10	5.18e-10	5.58e-10	2.83e-10	uc/ml
Xe-131m	2.79e-11	1.06e-11	8.66e-12	1.62e-11	1.74e-11	8.81e-12	uc/ml
Xe-133	6.56e-09	2.50e-09	2.03e-09	3.80e-09	4.09e-09	2.07e-09	uc/ml
Xe-133m	2.25e-10	8.55e-11	6.97e-11	1.30e-10	1.40e-10	7.09e-11	uc/ml
Xe-135	1.49e-09	5.66e-10	4.61e-10	8.61e-10	9.27e-10	4.70e-10	uc/ml
Xe-135m	4.06e-13	1.55e-13	1.26e-13	2.35e-13	2.53e-13	1.28e-13	uc/ml
Xe-138	7.04e-13	2.68e-13	2.18e-13	4.07e-13	4.38e-13	2.22e-13	uc/ml
I-131	2.63e-10	1.00e-10	8.17e-11	1.53e-10	1.64e-10	8.31e-11	uc/ml
I-132	1.48e-10	5.63e-11	4.59e-11	8.56e-11	9.21e-11	4.67e-11	uc/ml
I-133	4.80e-10	1.83e-10	1.49e-10	2.78e-10	2.99e-10	1.51e-10	uc/ml
I-134	5.10e-11	1.94e-11	1.58e-11	2.95e-11	3.18e-11	1.61e-11	uc/ml
I-135	3.39e-10	1.29e-10	1.05e-10	1.96e-10	2.11e-10	1.07e-10	uc/ml
Rb-88	9.55e-10	3.63e-10	2.96e-10	5.53e-10	5.95e-10	3.01e-10	uc/ml
Cs-138	6.00e-12	2.28e-12	1.86e-12	3.47e-12	3.74e-12	1.89e-12	uc/ml
N-G	9.97e-09	3.79e-09	3.09e-09	5.77e-09	6.21e-09	3.15e-09	uc/ml
Iodines	1.28e-09	4.88e-10	3.97e-10	7.42e-10	7.98e-10	4.04e-10	uc/ml
Part	9.61e-10	3.66e-10	2.98e-10	5.56e-10	5.98e-10	3.03e-10	uc/ml

Hallway Dose Rates

LEVEL	155′	139′	130′	121′	100′	77′	Units
CW	0.000	0.000	0.000	0.000	0.000	0.000	r/hr
OW	0.001	0.000	0.000	0.001	0.001	0.000	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	5.55e+01	2.11e+01	3.21e+01	3.46e+01	cpm

Auxiliary Building Hallway 11:45:00 Sample Time + 15 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	5.08e-11	5.08e-10	1.83e-10	7.14e-11	6.27e-11	9.45e-11	uc/ml
Kr-85m	1.57e-09	1.57e-08	5.66e-09	2.21e-09	1.94e-09	2.93e-09	uc/ml
Kr-87	1.88e-09	1.88e-08	6.78e-09	2.65e-09	2.33e-09	3.51e-09	uc/ml
Kr-88	3.69e-09	3.68e-08	1.33e-08	5.18e-09	4.55e-09	6.86e-09	uc/ml
Xe-131m	9.03e-11	9.02e-10	3.25e-10	1.27e-10	1.11e-10	1.68e-10	uc/ml
Xe-133	2.14e-08	2.14e-07	7.70e-08	3.01e-08	2.64e-08	3.98e-08	uc/ml
Xe-133m	7.38e-10	7.37e-09	2.66e-09	1.04e-09	9.11e-10	1.37e-09	uc/ml
Xe-135	5.28e-09	5.27e-08	1.90e-08	7.42e-09	6.52e-09	9.82e-09	uc/ml
Xe-135m	1.97e-11	1.97e-10	7.09e-11	2.77e-11	2.43e-11	3.67e-11	uc/ml
Xe-138	4.33e-11	4.32e-10	1.56e-10	6.08e-11	5.35e-11	8.06e-11	uc/ml
I-131	8.57e-10	8.56e-09	3.08e-09	1.20e-09	1.06e-09	1.59e-09	uc/ml
I-132	6.48e-10	6.47e-09	2.33e-09	9.10e-10	8.00e-10	1.21e-09	uc/ml
I-133	1.61e-09	1.61e-08	5.79e-09	2.26e-09	1.99e-09	2.99e-09	uc/ml
I-134	3.64e-10	3.64e-09	1.31e-09	5.12e-10	4.50e-10	6.78e-10	uc/ml
I-135	1.22e-09	1.22e-08	4.39e-09	1.72e-09	1.51e-09	2.27e-09	uc/ml
Rb-88	1.67e-09	1.67e-08	6.02e-09	2.35e-09	2.07e-09	3.11e-09	uc/ml
Cs-138	1.73e-11	1.73e-10	6.22e-11	2.43e-11	2.14e-11	3.21e-11	uc/ml
N-G	3.48e-08	3.47e-07	1.25e-07	4.88e-08	4.29e-08	6.47e-08	uc/ml
Iodines	4.70e-09	4.69e-08	1.69e-08	6.60e-09	5.80e-09	8.74e-09	uc/ml
Part	1.69e-09	1.69e-08	6.08e-09	2.37e-09	2.09e-09	3.14e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.000	0.004	0.001	0.001	0.000	0.001	r/hr
OW	0.004	0.043	0.016	0.006	0.005	0.008	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	1.10e+02	1.10e+03	1.55e+02	1.36e+02	cpm

11:45:00 sample time + 15 minutes

Auxiliary Building Hallway 11:45:00 Sample Time + 30 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	5.02e-11	9.91e-11	6.93e-11	5.97e-11	5.35e-11	4.07e-11	uc/ml
Kr-85m	1.49e-09	2.95e-09	2.06e-09	1.78e-09	1.59e-09	1.21e-09	uc/ml
Kr-87	1.62e-09	3.21e-09	2.24e-09	1.93e-09	1.73e-09	1.32e-09	uc/ml
Kr-88	3.43e-09	6.77e-09	4.73e-09	4.08e-09	3.65e-09	2.78e-09	uc/ml
Xe-131m	8.91e-11	1.76e-10	1.23e-10	1.06e-10	9.50e-11	7.22e-11	uc/ml
Xe-133	2.11e-08	4.17e-08	2.92e-08	2.51e-08	2.25e-08	1.71e-08	uc/ml
Xe-133m	7.27e-10	1.44e-09	1.00e-09	8.65e-10	7.75e-10	5.89e-10	uc/ml
Xe-135	5.14e-09	1.01e-08	7.10e-09	6.12e-09	5.48e-09	4.16e-09	uc/ml
Xe-135m	9.89e-12	1.95e-11	1.37e-11	1.18e-11	1.06e-11	8.02e-12	uc/ml
Xe-138	2.05e-11	4.05e-11	2.83e-11	2.44e-11	2.19e-11	1.66e-11	uc/ml
I-131	8.45e-10	1.67e-09	1.17e-09	1.01e-09	9.02e-10	6.85e-10	uc/ml
I-132	5.93e-10	1.17e-09	8.20e-10	7.06e-10	6.33e-10	4.81e-10	uc/ml
I-133	1.57e-09	3.11e-09	2.18e-09	1.87e-09	1.68e-09	1.28e-09	uc/ml
I-134	2.95e-10	5.83e-10	4.08e-10	3.51e-10	3.15e-10	2.39e-10	uc/ml
I-135	1.17e-09	2.32e-09	1.62e-09	1.40e-09	1.25e-09	9.52e-10	uc/ml
Rb-88	2.48e-09	4.89e-09	3.42e-09	2.95e-09	2.64e-09	2.01e-09	uc/ml
Cs-138	2.05e-11	4.05e-11	2.84e-11	2.45e-11	2.19e-11	1.66e-11	uc/ml
N-G	3.37e-08	6.65e-08	4.65e-08	4.01e-08	3.59e-08	2.73e-08	uc/ml
Iodines	4.48e-09	8.86e-09	6.20e-09	5.34e-09	4.78e-09	3.63e-09	uc/ml
Part	2.50e-09	4.93e-09	3.45e-09	2.97e-09	2.66e-09	2.02e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.000	0.001	0.001	0.000	0.000	0.000	r/hr
OW	0.004	0.008	0.006	0.005	0.004	0.003	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	1.50e+02	2.96e+02	1.79e+02	1.60e+02	cpm

11:45:00 sample time + 30 minutes

Auxiliary Building Hallway 11:45:00 Sample Time + 45 minutes

Airborne Sample Analysis

ISOTOPE	155′	139′	130′	121′	100′	77′	Units
Kr-85	4.06e-11	3.05e-11	2.68e-11	3.94e-11	3.72e-11	[illegible].06e-11	uc/ml
Kr-85m	1.16e-09	8.73e-10	7.68e-10	1.13e-09	1.07e-09	5.89e-10	uc/ml
Kr-87	1.15e-09	8.61e-10	7.57e-10	1.11e-09	1.05e-09	5.81e-10	uc/ml
Kr-88	2.61e-09	1.96e-09	1.72e-09	2.53e-09	2.39e-09	1.32e-09	uc/ml
Xe-131m	7.20e-11	5.41e-11	4.75e-11	6.99e-11	6.60e-11	3.65e-11	uc/ml
Xe-133	1.70e-08	1.28e-08	1.13e-08	1.65e-08	1.56e-08	8.64e-09	uc/ml
Xe-133m	5.86e-10	4.40e-10	3.87e-10	5.69e-10	5.37e-10	2.97e-10	uc/ml
Xe-135	4.09e-09	3.08e-09	2.70e-09	3.98e-09	3.76e-09	2.08e-09	uc/ml
Xe-135m	4.07e-12	3.06e-12	2.69e-12	3.95e-12	3.73e-12	2.06e-12	uc/ml
Xe-138	7.94e-12	5.97e-12	5.25e-12	7.71e-12	7.29e-12	4.02e-12	uc/ml
I-131	6.83e-10	5.13e-10	4.51e-10	6.63e-10	6.27e-10	3.46e-10	uc/ml
I-132	4.45e-10	3.34e-10	2.94e-10	4.32e-10	4.08e-10	2.26e-10	uc/ml
I-133	1.26e-09	9.49e-10	8.34e-10	1.23e-09	1.16e-09	6.40e-10	uc/ml
I-134	1.96e-10	1.47e-10	1.29e-10	1.90e-10	1.80e-10	9.93e-11	uc/ml
I-135	9.26e-10	6.95e-10	6.11e-10	8.99e-10	8.49e-10	4.69e-10	uc/ml
Rb-88	2.30e-09	1.73e-09	1.52e-09	2.23e-09	2.11e-09	1.16e-09	uc/ml
Cs-138	1.52e-11	1.14e-11	1.00e-11	1.48e-11	1.39e-11	7.70e-12	uc/ml
N-G	2.68e-08	2.01e-08	1.77e-08	2.60e-08	2.46e-08	1.36e-08	uc/ml
Iodines	3.51e-09	2.64e-09	2.32e-09	3.41e-09	3.22e-09	1.78e-09	uc/ml
Part	2.31e-09	1.74e-09	1.53e-09	2.25e-09	2.12e-09	1.17e-09	uc/ml

Hallway Dose Rates

LEVEL	155′	139′	130′	121′	100′	77′	Units
CW	0.000	0.000	0.000	0.000	0.000	0.000	r/hr
OW	0.003	0.003	0.002	0.003	0.003	0.002	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	1.36e+02	1.02e+02	1.32e+02	1.25e+02	cpm

11:45:00 sample time + 45 minutes

Auxiliary Building Hallway 11:45:00 Sample Time + 60 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	3.11e-11	1.52e-11	1.33e-11	2.48e-11	2.47e-11	1.24e-11	uc/ml
Kr-85m	8.57e-10	4.18e-10	3.68e-10	6.83e-10	6.81e-10	3.42e-10	uc/ml
Kr-87	7.66e-10	3.73e-10	3.29e-10	6.10e-10	6.09e-10	3.05e-10	uc/ml
Kr-88	1.88e-09	9.16e-10	8.06e-10	1.50e-09	1.49e-09	7.49e-10	uc/ml
Xe-131m	5.51e-11	2.69e-11	2.36e-11	4.39e-11	4.38e-11	2.20e-11	uc/ml
Xe-133	1.30e-08	6.36e-09	5.60e-09	1.04e-08	1.04e-08	5.20e-09	uc/ml
Xe-133m	4.47e-10	2.18e-10	1.92e-10	3.56e-10	3.56e-10	1.78e-10	uc/ml
Xe-135	3.09e-09	1.51e-09	1.33e-09	2.46e-09	2.46e-09	1.23e-09	uc/ml
Xe-135m	1.58e-12	7.72e-13	6.80e-13	1.26e-12	1.26e-12	6.32e-13	uc/ml
Xe-138	2.91e-12	1.42e-12	1.25e-12	2.32e-12	2.32e-12	1.16e-12	uc/ml
I-131	5.23e-10	2.55e-10	2.24e-10	4.17e-10	4.16e-10	2.08e-10	uc/ml
I-132	3.16e-10	1.54e-10	1.36e-10	2.52e-10	2.52e-10	1.26e-10	uc/ml
I-133	9.60e-10	4.68e-10	4.12e-10	7.64e-10	7.63e-10	3.83e-10	uc/ml
I-134	1.23e-10	6.00e-11	5.28e-11	9.81e-11	9.80e-11	4.91e-11	uc/ml
I-135	6.91e-10	3.37e-10	2.96e-10	5.50e-10	5.49e-10	2.75e-10	uc/ml
Rb-88	1.84e-09	8.94e-10	7.87e-10	1.46e-09	1.46e-09	7.31e-10	uc/ml
Cs-138	9.60e-12	4.68e-12	4.12e-12	7.64e-12	7.63e-12	3.83e-12	uc/ml
N-G	2.02e-08	9.83e-09	8.66e-09	1.61e-08	1.60e-08	8.04e-09	uc/ml
Iodines	2.61e-09	1.27e-09	1.12e-09	2.08e-09	2.08e-09	1.04e-09	uc/ml
Part	1.84e-09	8.99e-10	7.91e-10	1.47e-09	1.47e-09	7.35e-10	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.000	0.000	0.000	0.000	0.000	0.000	r/hr
OW	0.003	0.001	0.001	0.002	0.002	0.001	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	1.07e+02	5.23e+01	8.55e+01	8.54e+01	cpm

11:45:00 sample time + 60 minutes

Auxiliary Building Hallway 11:45:00 Sample Time + 75 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	2.33e-11	9.60e-12	8.08e-12	1.56e-11	1.63e-11	8.09e-12	uc/ml
Kr-85m	6.18e-10	2.55e-10	2.14e-10	4.14e-10	4.32e-10	2.15e-10	uc/ml
Kr-87	5.01e-10	2.06e-10	1.74e-10	3.36e-10	3.50e-10	1.74e-10	uc/ml
Kr-88	1.33e-09	5.46e-10	4.60e-10	8.87e-10	9.26e-10	4.60e-10	uc/ml
Xe-131m	4.13e-11	1.70e-11	1.43e-11	2.77e-11	2.88e-11	1.43e-11	uc/ml
Xe-133	9.77e-09	4.02e-09	3.39e-09	6.54e-09	6.82e-09	3.39e-09	uc/ml
Xe-133m	3.34e-10	1.38e-10	1.16e-10	2.24e-10	2.33e-10	1.16e-10	uc/ml
Xe-135	2.28e-09	9.41e-10	7.92e-10	1.53e-09	1.60e-09	7.93e-10	uc/ml
Xe-135m	6.04e-13	2.49e-13	2.09e-13	4.04e-13	4.22e-13	2.10e-13	uc/ml
Xe-138	1.05e-12	4.31e-13	3.63e-13	7.01e-13	7.31e-13	3.64e-13	uc/ml
I-131	3.92e-10	1.61e-10	1.36e-10	2.62e-10	2.74e-10	1.36e-10	uc/ml
I-132	2.20e-10	9.06e-11	7.63e-11	1.47e-10	1.54e-10	7.63e-11	uc/ml
I-133	7.14e-10	2.94e-10	2.47e-10	4.78e-10	4.98e-10	2.48e-10	uc/ml
I-134	7.58e-11	3.12e-11	2.63e-11	5.07e-11	5.29e-11	2.63e-11	uc/ml
I-135	5.05e-10	2.08e-10	1.75e-10	3.38e-10	3.52e-10	1.75e-10	uc/ml
Rb-88	1.37e-09	5.64e-10	4.75e-10	9.16e-10	9.56e-10	4.75e-10	uc/ml
Cs-138	5.63e-12	2.32e-12	1.95e-12	3.77e-12	3.93e-12	1.95e-12	uc/ml
N-G	1.49e-08	6.14e-09	5.17e-09	9.97e-09	1.04e-08	5.17e-09	uc/ml
Iodines	1.91e-09	7.85e-10	6.61e-10	1.28e-09	1.33e-09	6.61e-10	uc/ml
Part	1.37e-09	5.66e-10	4.77e-10	9.20e-10	9.60e-10	4.77e-10	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.000	0.000	0.000	0.000	0.000	0.000	r/hr
OW	0.002	0.001	0.001	0.001	0.001	0.001	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	7.98e+01	3.29e+01	5.34e+01	5.57e+01	cpm

Auxiliary Building Hallway 12:00:00 Sample Time + 15 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	1.37e-10	1.37e-09	4.92e-10	1.92e-10	1.69e-10	2.54e-10	uc/ml
Kr-85m	4.07e-09	4.07e-08	1.47e-08	5.72e-09	5.03e-09	7.57e-09	uc/ml
Kr-87	1.00e-08	9.99e-08	3.60e-08	1.41e-08	1.24e-08	1.86e-08	uc/ml
Kr-88	9.33e-09	9.32e-08	3.36e-08	1.31e-08	1.15e-08	1.74e-08	uc/ml
Xe-131m	2.43e-10	2.43e-09	8.74e-10	3.41e-10	3.00e-10	4.52e-10	uc/ml
Xe-133	1.30e-07	1.30e-06	4.69e-07	1.83e-07	1.61e-07	2.42e-07	uc/ml
Xe-133m	4.48e-09	4.47e-08	1.61e-08	6.29e-09	5.53e-09	8.33e-09	uc/ml
Xe-135	3.29e-08	3.28e-07	1.18e-07	4.62e-08	4.06e-08	6.11e-08	uc/ml
Xe-135m	6.09e-11	6.08e-10	2.19e-10	8.56e-11	7.52e-11	1.13e-10	uc/ml
Xe-138	1.26e-10	1.26e-09	4.54e-10	1.77e-10	1.56e-10	2.35e-10	uc/ml
I-131	5.37e-09	5.37e-08	1.93e-08	7.55e-09	6.63e-09	9.99e-09	uc/ml
I-132	3.77e-09	3.77e-08	1.36e-08	5.30e-09	4.66e-09	7.02e-09	uc/ml
I-133	1.00e-08	1.00e-07	3.60e-08	1.41e-08	1.24e-08	1.86e-08	uc/ml
I-134	1.87e-09	1.87e-08	6.75e-09	2.63e-09	2.32e-09	3.49e-09	uc/ml
I-135	7.46e-09	7.46e-08	2.69e-08	1.05e-08	9.22e-09	1.39e-08	uc/ml
Rb-88	4.24e-09	4.23e-08	1.52e-08	5.95e-09	5.23e-09	7.87e-09	uc/ml
Cs-138	5.04e-11	5.03e-10	1.81e-10	7.08e-11	6.22e-11	9.37e-11	uc/ml
N-G	1.91e-07	1.91e-06	6.89e-07	2.69e-07	2.36e-07	3.56e-07	uc/ml
Iodines	2.85e-08	2.85e-07	1.03e-07	4.00e-08	3.52e-08	5.30e-08	uc/ml
Part	4.29e-09	4.28e-08	1.54e-08	6.02e-09	5.29e-09	7.97e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.002	0.022	0.008	0.003	0.003	0.004	r/hr
OW	0.024	0.242	0.087	0.034	0.030	0.045	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	3.64e+02	3.63e+03	5.11e+02	4.49e+02	cpm

Auxiliary Building Hallway 12:00:00 Sample Time + 30 minutes

Airborne Sample Analysis

ISOTOPE	155′	139′	130′	121′	100′	77′	Units
Kr-85	1.35e-10	2.67e-10	1.87e-10	1.61e-10	1.44e-10	1.09e-10	uc/ml
Kr-85m	3.87e-09	7.64e-09	5.35e-09	4.60e-09	4.13e-09	3.14e-09	uc/ml
Kr-87	8.62e-09	1.70e-08	1.19e-08	1.03e-08	9.20e-09	6.99e-09	uc/ml
Kr-88	8.67e-09	1.71e-08	1.20e-08	1.03e-08	9.25e-09	7.03e-09	uc/ml
Xe-131m	2.40e-10	4.73e-10	3.31e-10	2.85e-10	2.56e-10	1.94e-10	uc/ml
Xe-133	1.28e-07	2.54e-07	1.77e-07	1.53e-07	1.37e-07	1.04e-07	uc/ml
Xe-133m	4.41e-09	8.70e-09	6.09e-09	5.25e-09	4.70e-09	3.57e-09	uc/ml
Xe-135	3.20e-08	6.32e-08	4.42e-08	3.81e-08	3.41e-08	2.59e-08	uc/ml
Xe-135m	3.06e-11	6.04e-11	4.23e-11	3.64e-11	3.26e-11	2.48e-11	uc/ml
Xe-138	5.97e-11	1.18e-10	8.25e-11	7.11e-11	6.37e-11	4.84e-11	uc/ml
I-131	5.30e-09	1.05e-08	7.32e-09	6.31e-09	5.65e-09	4.30e-09	uc/ml
I-132	3.46e-09	6.82e-09	4.77e-09	4.11e-09	3.69e-09	2.80e-09	uc/ml
I-133	9.80e-09	1.94e-08	1.35e-08	1.17e-08	1.05e-08	7.94e-09	uc/ml
I-134	1.52e-09	3.00e-09	2.10e-09	1.81e-09	1.62e-09	1.23e-09	uc/ml
I-135	7.18e-09	1.42e-08	9.92e-09	8.55e-09	7.66e-09	5.82e-09	uc/ml
Rb-88	6.27e-09	1.24e-08	8.66e-09	7.46e-09	6.68e-09	5.08e-09	uc/ml
Cs-138	5.99e-11	1.18e-10	8.27e-11	7.12e-11	6.38e-11	4.85e-11	uc/ml
N-G	1.86e-07	3.68e-07	2.58e-07	2.22e-07	1.99e-07	1.51e-07	uc/ml
Iodines	2.73e-08	5.38e-08	3.77e-08	3.24e-08	2.91e-08	2.21e-08	uc/ml
Part	6.33e-09	1.25e-08	8.74e-09	7.53e-09	6.75e-09	5.13e-09	uc/ml

Hallway Dose Rates

LEVEL	155′	139′	130′	121′	100′	77′	Units
CW	0.002	0.004	0.003	0.003	0.002	0.002	r/hr
OW	0.024	0.046	0.032	0.028	0.025	0.019	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	4.62e+02	9.12e+02	5.50e+02	4.92e+02	cpm

Auxiliary Building Hallway 12:00:00 Sample Time + 45 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	1.09e-10	8.21e-11	7.21e-11	1.06e-10	1.00e-10	5.53e-11	uc/ml
Kr-85m	3.01e-09	2.26e-09	1.99e-09	2.92e-09	2.76e-09	1.53e-09	uc/ml
Kr-87	6.08e-09	4.57e-09	4.02e-09	5.91e-09	5.58e-09	3.08e-09	uc/ml
Kr-88	6.60e-09	4.96e-09	4.36e-09	6.41e-09	6.05e-09	3.34e-09	uc/ml
Xe-131m	1.94e-10	1.45e-10	1.28e-10	1.88e-10	1.78e-10	9.81e-11	uc/ml
Xe-133	1.04e-07	7.79e-08	6.85e-08	1.01e-07	9.52e-08	5.26e-08	uc/ml
Xe-133m	3.55e-09	2.67e-09	2.35e-09	3.45e-09	3.26e-09	1.80e-09	uc/ml
Xe-135	2.55e-08	1.91e-08	1.68e-08	2.47e-08	2.34e-08	1.29e-08	uc/ml
Xe-135m	1.26e-11	9.45e-12	8.31e-12	1.22e-11	1.15e-11	6.37e-12	uc/ml
Xe-138	2.31e-11	1.74e-11	1.53e-11	2.25e-11	2.12e-11	1.17e-11	uc/ml
I-131	4.28e-09	3.22e-09	2.83e-09	4.16e-09	3.93e-09	2.17e-09	uc/ml
I-132	2.59e-09	1.95e-09	1.71e-09	2.52e-09	2.38e-09	1.31e-09	uc/ml
I-133	7.86e-09	5.91e-09	5.19e-09	7.63e-09	7.21e-09	3.98e-09	uc/ml
I-134	1.01e-09	7.58e-10	6.66e-10	9.79e-10	9.25e-10	5.11e-10	uc/ml
I-135	5.66e-09	4.25e-09	3.74e-09	5.49e-09	5.19e-09	2.87e-09	uc/ml
Rb-88	5.82e-09	4.37e-09	3.84e-09	5.65e-09	5.34e-09	2.95e-09	uc/ml
Cs-138	4.43e-11	3.33e-11	2.92e-11	4.30e-11	4.06e-11	2.24e-11	uc/ml

N-G	1.49e-07	1.12e-07	9.83e-08	1.44e-07	1.37e-07	7.54e-08	uc/ml
Iodines	2.14e-08	1.61e-08	1.41e-08	2.08e-08	1.96e-08	1.08e-08	uc/ml
Part	5.87e-09	4.41e-09	3.87e-09	5.69e-09	5.38e-09	2.97e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.002	0.001	0.001	0.002	0.002	0.001	r/hr
OW	0.019	0.014	0.012	0.018	0.017	0.009	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	4.08e+02	3.07e+02	3.96e+02	3.75e+02	cpm

12:00:00 sample time + 45 minutes

Auxiliary Building Hallway 12:00:00 Sample Time + 60 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	8.37e-11	4.08e-11	3.59e-11	6.67e-11	6.65e-11	3.34e-11	uc/ml
Kr-85m	2.22e-09	1.08e-09	9.52e-10	1.77e-09	1.76e-09	8.84e-10	uc/ml
Kr-87	4.07e-09	1.98e-09	1.75e-09	3.24e-09	3.24e-09	1.62e-09	uc/ml
Kr-88	4.76e-09	2.32e-09	2.04e-09	3.79e-09	3.78e-09	1.90e-09	uc/ml
Xe-131m	1.48e-10	7.23e-11	6.36e-11	1.18e-10	1.18e-10	5.91e-11	uc/ml
Xe-133	7.94e-08	3.87e-08	3.40e-08	6.32e-08	6.31e-08	3.16e-08	uc/ml
Xe-133m	2.71e-09	1.32e-09	1.16e-09	2.16e-09	2.16e-09	1.08e-09	uc/ml
Xe-135	1.92e-08	9.38e-09	8.25e-09	1.53e-08	1.53e-08	7.67e-09	uc/ml
Xe-135m	4.90e-12	2.39e-12	2.10e-12	3.90e-12	3.89e-12	1.95e-12	uc/ml
Xe-138	8.49e-12	4.14e-12	3.64e-12	6.76e-12	6.75e-12	3.39e-12	uc/ml
I-131	3.28e-09	1.60e-09	1.41e-09	2.61e-09	2.61e-09	1.31e-09	uc/ml
I-132	1.84e-09	8.98e-10	7.90e-10	1.47e-09	1.46e-09	7.34e-10	uc/ml
I-133	5.97e-09	2.91e-09	2.56e-09	4.76e-09	4.75e-09	2.38e-09	uc/ml
I-134	6.34e-10	3.09e-10	2.72e-10	5.05e-10	5.04e-10	2.53e-10	uc/ml
I-135	4.22e-09	2.06e-09	1.81e-09	3.36e-09	3.36e-09	1.68e-09	uc/ml
Rb-88	4.65e-09	2.26e-09	1.99e-09	3.70e-09	3.69e-09	1.85e-09	uc/ml
Cs-138	2.80e-11	1.36e-11	1.20e-11	2.23e-11	2.22e-11	1.11e-11	uc/ml
N-G	1.13e-07	5.49e-08	4.83e-08	8.97e-08	8.95e-08	4.49e-08	uc/ml
Iodines	1.59e-08	7.77e-09	6.84e-09	1.27e-08	1.27e-08	6.36e-09	uc/ml
Part	4.67e-09	2.28e-09	2.00e-09	3.72e-09	3.72e-09	1.86e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.001	0.001	0.001	0.001	0.001	0.001	r/hr
OW	0.014	0.007	0.006	0.011	0.011	0.006	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	3.20e+02	1.56e+02	2.55e+02	2.54e+02	cpm

Auxiliary Building Hallway 12:15:00 Sample Time + 15 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	7.54e-11	7.53e-10	2.71e-10	1.06e-10	9.31e-11	1.40e-10	uc/ml
Kr-85m	2.16e-09	2.16e-08	7.77e-09	3.03e-09	2.67e-09	4.02e-09	uc/ml
Kr-87	4.26e-09	4.25e-08	1.53e-08	5.98e-09	5.26e-09	7.92e-09	uc/ml
Kr-88	4.84e-09	4.83e-08	1.74e-08	6.80e-09	5.98e-09	9.00e-09	uc/ml
Xe-131m	1.34e-10	1.34e-09	4.81e-10	1.88e-10	1.65e-10	2.49e-10	uc/ml
Xe-133	6.35e-08	6.34e-07	2.28e-07	8.92e-08	7.84e-08	1.18e-07	uc/ml
Xe-133m	2.18e-09	2.18e-08	7.83e-09	3.06e-09	2.69e-09	4.05e-09	uc/ml
Xe-135	1.62e-08	1.62e-07	5.85e-08	2.28e-08	2.01e-08	3.02e-08	uc/ml
Xe-135m	1.51e-11	1.51e-10	5.44e-11	2.12e-11	1.87e-11	2.81e-11	uc/ml
Xe-138	2.95e-11	2.94e-10	1.06e-10	4.14e-11	3.64e-11	5.49e-11	uc/ml
I-131	2.60e-09	2.59e-08	9.35e-09	3.65e-09	3.21e-09	4.83e-09	uc/ml
I-132	1.69e-09	1.69e-08	6.10e-09	2.38e-09	2.09e-09	3.15e-09	uc/ml
I-133	4.80e-09	4.80e-08	1.73e-08	6.75e-09	5.93e-09	8.94e-09	uc/ml
I-134	7.45e-10	7.44e-09	2.68e-09	1.05e-09	9.20e-10	1.39e-09	uc/ml
I-135	3.52e-09	3.52e-08	1.27e-08	4.94e-09	4.35e-09	6.55e-09	uc/ml
Rb-88	2.20e-09	2.19e-08	7.90e-09	3.08e-09	2.71e-09	4.08e-09	uc/ml
Cs-138	1.18e-11	1.18e-10	4.24e-11	1.65e-11	1.45e-11	2.19e-11	uc/ml

N-G	9.34e-08	9.33e-07	3.36e-07	1.31e-07	1.15e-07	1.74e-07	uc/ml
Iodines	1.34e-08	1.33e-07	4.81e-08	1.88e-08	1.65e-08	2.49e-08	uc/ml
Part	2.21e-09	2.20e-08	7.94e-09	3.10e-09	2.73e-09	4.10e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.001	0.011	0.004	0.001	0.001	0.002	r/hr
OW	0.012	0.117	0.042	0.016	0.015	0.022	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	1.81e+02	1.80e+03	2.54e+02	2.23e+02	cpm

12:15:00 sample time + 15 minutes

Auxiliary Building Hallway 12:15:00 Sample Time + 30 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	7.44e-11	1.47e-10	1.03e-10	8.86e-11	7.94e-11	6.03e-11	uc/ml
Kr-85m	2.05e-09	4.05e-09	2.83e-09	2.44e-09	2.19e-09	1.66e-09	uc/ml
Kr-87	3.67e-09	7.25e-09	5.07e-09	4.37e-09	3.91e-09	2.98e-09	uc/ml
Kr-88	4.50e-09	8.88e-09	6.21e-09	5.35e-09	4.80e-09	3.64e-09	uc/ml
Xe-131m	1.32e-10	2.61e-10	1.82e-10	1.57e-10	1.41e-10	1.07e-10	uc/ml
Xe-133	6.26e-08	1.24e-07	8.65e-08	7.45e-08	6.68e-08	5.07e-08	uc/ml
Xe-133m	2.14e-09	4.23e-09	2.96e-09	2.55e-09	2.29e-09	1.74e-09	uc/ml
Xe-135	1.58e-08	3.12e-08	2.18e-08	1.88e-08	1.69e-08	1.28e-08	uc/ml
Xe-135m	7.59e-12	1.50e-11	1.05e-11	9.03e-12	8.09e-12	6.15e-12	uc/ml
Xe-138	1.40e-11	2.76e-11	1.93e-11	1.66e-11	1.49e-11	1.13e-11	uc/ml
I-131	2.56e-09	5.06e-09	3.54e-09	3.05e-09	2.73e-09	2.08e-09	uc/ml
I-132	1.55e-09	3.07e-09	2.15e-09	1.85e-09	1.66e-09	1.26e-09	uc/ml
I-133	4.70e-09	9.29e-09	6.50e-09	5.60e-09	5.02e-09	3.81e-09	uc/ml
I-134	6.04e-10	1.19e-09	8.34e-10	7.18e-10	6.44e-10	4.89e-10	uc/ml
I-135	3.39e-09	6.69e-09	4.68e-09	4.03e-09	3.61e-09	2.74e-09	uc/ml
Rb-88	3.25e-09	6.41e-09	4.49e-09	3.87e-09	3.47e-09	2.63e-09	uc/ml
Cs-138	1.40e-11	2.76e-11	1.93e-11	1.67e-11	1.49e-11	1.13e-11	uc/ml
N-G	9.10e-08	1.80e-07	1.26e-07	1.08e-07	9.70e-08	7.38e-08	uc/ml
Iodines	1.28e-08	2.53e-08	1.77e-08	1.52e-08	1.37e-08	1.04e-08	uc/ml
Part	3.26e-09	6.44e-09	4.51e-09	3.88e-09	3.48e-09	2.64e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.001	0.002	0.001	0.001	0.001	0.001	r/hr
OW	0.011	0.023	0.016	0.014	0.012	0.009	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	2.32e+02	4.58e+02	2.76e+02	2.47e+02	cpm

Auxiliary Building Hallway 12:15:00 Sample Time + 45 minutes

Airborne Sample Analysis

ISOTOPE	155′	139′	130′	121′	100′	77′	Units
Kr-85	6.02e-11	4.52e-11	3.98e-11	5.84e-11	5.52e-11	3.05e-11	uc/ml
Kr-85m	1.60e-09	1.20e-09	1.05e-09	1.5[illegible]e-09	1.46e-09	8.09e-10	uc/ml
Kr-87	2.59e-09	1.95e-09	1.71e-09	2.51e-09	2.38e-09	1.31e-09	uc/ml
Kr-88	3.42e-09	2.57e-09	2.26e-09	3.32e-09	3.14e-09	1.73e-09	uc/ml
Xe-131m	1.07e-10	8.01e-11	7.04e-11	1.04e-10	9.78e-11	5.40e-11	uc/ml
Xe-133	5.06e-08	3.80e-08	3.34e-08	4.91e-08	4.64e-08	2.56e-08	uc/ml
Xe-133m	1.73e-09	1.30e-09	1.14e-09	1.68e-09	1.58e-09	8.75e-10	uc/ml
Xe-135	1.26e-08	9.46e-09	8.32e-09	1.22e-08	1.16e-08	6.38e-09	uc/ml
Xe-135m	3.12e-12	2.34e-12	2.06e-12	3.03e-12	2.86e-12	1.58e-12	uc/ml
Xe-138	5.41e-12	4.06e-12	3.57e-12	5.25e-12	4.96e-12	2.74e-12	uc/ml
I-131	2.07e-09	1.56e-09	1.37e-09	2.01e-09	1.90e-09	1.05e-09	uc/ml
I-132	1.16e-09	8.75e-10	7.69e-10	1.13e-09	1.07e-09	5.90e-10	uc/ml
I-133	3.77e-09	2.83e-09	2.49e-09	3.66e-09	3.46e-09	1.91e-09	uc/ml
I-134	4.01e-10	3.01e-10	2.65e-10	3.89e-10	3.68e-10	2.03e-10	uc/ml
I-135	2.67e-09	2.00e-09	1.76e-09	2.59e-09	2.45e-09	1.35e-09	uc/ml
Rb-88	3.02e-09	2.27e-09	1.99e-09	2.93e-09	2.77e-09	1.53e-09	uc/ml
Cs-138	1.04e-11	7.78e-12	6.84e-12	1.01e-11	9.50e-12	5.25e-12	uc/ml
N-G	7.27e-08	5.46e-08	4.80e-08	7.05e-08	6.67e-08	3.68e-08	uc/ml
Iodines	1.01e-08	7.57e-09	6.65e-09	9.78e-09	9.24e-09	5.11e-09	uc/ml
Part	3.03e-09	2.27e-09	2.00e-09	2.94e-09	2.78e-09	1.53e-09	uc/ml

Hallway Dose Rates

LEVEL	155′	139′	130′	121′	100′	77′	Units
CW	0.001	0.001	0.001	0.001	0.001	0.000	r/hr
OW	0.009	0.007	0.006	0.009	0.008	0.005	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	2.06e+02	1.55e+02	2.00e+02	1.89e+02	cpm

12:15:00 sample time + 45 minutes

Auxiliary Building Hallway 12:30:00 Sample Time + 15 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	7.04e-11	7.03e-10	2.53e-10	9.88e-11	8.69e-11	1.31e-10	uc/ml
Kr-85m	1.94e-09	1.94e-08	6.98e-09	2.72e-09	2.39e-09	3.61e-09	uc/ml
Kr-87	3.57e-09	3.57e-08	1.29e-08	5.02e-09	4.41e-09	6.65e-09	uc/ml
Kr-88	4.25e-09	4.25e-08	1.53e-08	5.97e-09	5.25e-09	7.91e-09	uc/ml
Xe-131m	1.25e-10	1.25e-09	4.49e-10	1.75e-10	1.54e-10	2.32e-10	uc/ml
Xe-133	6.10e-08	6.09e-07	2.19e-07	8.57e-08	7.53e-08	1.13e-07	uc/ml
Xe-133m	2.09e-09	2.08e-08	7.51e-09	2.93e-09	2.58e-09	3.88e-09	uc/ml
Xe-135	1.58e-08	1.58e-07	5.69e-08	2.22e-08	1.95e-08	2.94e-08	uc/ml
Xe-135m	7.39e-12	7.37e-11	2.66e-11	1.04e-11	9.13e-12	1.37e-11	uc/ml
Xe-138	1.36e-11	1.36e-10	4.89e-11	1.91e-11	1.68e-11	2.53e-11	uc/ml
I-131	2.49e-09	2.49e-08	8.97e-09	3.50e-09	3.08e-09	4.64e-09	uc/ml
I-132	1.51e-09	1.51e-08	5.44e-09	2.12e-09	1.86e-09	2.81e-09	uc/ml
I-133	4.57e-09	4.57e-08	1.65e-08	6.42e-09	5.65e-09	8.51e-09	uc/ml
I-134	5.87e-10	5.86e-09	2.11e-09	8.24e-10	7.25e-10	1.09e-09	uc/ml
I-135	3.29e-09	3.29e-08	1.18e-08	4.62e-09	4.06e-09	6.12e-09	uc/ml
Rb-88	1.93e-09	1.93e-08	6.94e-09	2.71e-09	2.38e-09	3.59e-09	uc/ml
Cs-138	5.43e-12	5.41e-11	1.95e-11	7.63e-12	6.70e-12	1.01e-11	uc/ml
N-G	8.89e-08	8.88e-07	3.20e-07	1.25e-07	1.10e-07	1.65e-07	uc/ml
Iodines	1.25e-08	1.24e-07	4.48e-08	1.75e-08	1.54e-08	2.32e-08	uc/ml
Part	1.93e-09	1.93e-08	6.96e-09	2.72e-09	2.39e-09	3.60e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.001	0.010	0.004	0.001	0.001	0.002	r/hr
OW	0.011	0.111	0.040	0.016	0.014	0.021	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	1.62e+02	1.62e+03	2.28e+02	2.00e+02	cpm

Auxiliary Building Hallway 12:30:00 Sample Time + 30 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	6.95e-11	1.37e-10	9.60e-11	8.27e-11	7.41e-11	5.63e-11	uc/ml
Kr-85m	1.84e-09	3.64e-09	2.55e-09	2.19e-09	1.96e-09	1.49e-09	uc/ml
Kr-87	3.08e-09	6.08e-09	4.25e-09	3.66e-09	3.28e-09	2.50e-09	uc/ml
Kr-88	3.95e-09	7.80e-09	5.46e-09	4.70e-09	4.21e-09	3.20e-09	uc/ml
Xe-131m	1.23e-10	2.43e-10	1.70e-10	1.47e-10	1.31e-10	9.98e-11	uc/ml
Xe-133	6.01e-08	1.19e-07	8.31e-08	7.16e-08	6.41e-08	4.87e-08	uc/ml
Xe-133m	2.05e-09	4.05e-09	2.84e-09	2.44e-09	2.19e-09	1.66e-09	uc/ml
Xe-135	1.54e-08	3.04e-08	2.13e-08	1.83e-08	1.64e-08	1.25e-08	uc/ml
Xe-135m	3.71e-12	7.32e-12	5.12e-12	4.41e-12	3.96e-12	3.01e-12	uc/ml
Xe-138	6.43e-12	1.27e-11	8.88e-12	7.65e-12	6.86e-12	5.21e-12	uc/ml
I-131	2.46e-09	4.86e-09	3.40e-09	2.93e-09	2.62e-09	1.99e-09	uc/ml
I-132	1.38e-09	2.73e-09	1.91e-09	1.65e-09	1.48e-09	1.12e-09	uc/ml
I-133	4.48e-09	8.85e-09	6.19e-09	5.33e-09	4.78e-09	3.63e-09	uc/ml
I-134	4.76e-10	9.39e-10	6.57e-10	5.66e-10	5.07e-10	3.86e-10	uc/ml
I-135	3.17e-09	6.25e-09	4.38e-09	3.77e-09	3.38e-09	2.57e-09	uc/ml
Rb-88	2.85e-09	5.63e-09	3.94e-09	3.40e-09	3.04e-09	2.31e-09	uc/ml
Cs-138	6.45e-12	1.27e-11	8.90e-12	7.67e-12	6.88e-12	5.22e-12	uc/ml
N-G	8.67e-08	1.71e-07	1.20e-07	1.03e-07	9.24e-08	7.02e-08	uc/ml
Iodines	1.20e-08	2.36e-08	1.65e-08	1.42e-08	1.28e-08	9.70e-09	uc/ml
Part	2.86e-09	5.65e-09	3.95e-09	3.40e-09	3.05e-09	2.32e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.001	0.002	0.001	0.001	0.001	0.001	r/hr
OW	0.011	0.021	0.015	0.013	0.012	0.009	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	2.07e+02	4.08e+02	2.46e+02	2.21e+02	cpm

Auxiliary Building Hallway 12:45:00 Sample Time + 15 minutes

Airborne Sample Analysis

ISOTOPE	155'	139'	130'	121'	100'	77'	Units
Kr-85	7.65e-11	7.64e-10	2.75e-10	1.07e-10	9.44e-11	1.42e-10	uc/ml
Kr-85m	2.03e-09	2.03e-08	7.30e-09	2.85e-09	2.50e-09	3.77e-09	uc/ml
Kr-87	4.00e-09	3.99e-08	1.44e-08	5.61e-09	4.93e-09	7.43e-09	uc/ml
Kr-88	4.35e-09	4.34e-08	1.56e-08	6.11e-09	5.37e-09	8.09e-09	uc/ml
Xe-131m	1.36e-10	1.35e-09	4.88e-10	1.90e-10	1.67e-10	2.52e-10	uc/ml
Xe-133	7.81e-08	7.80e-07	2.81e-07	1.10e-07	9.64e-08	1.45e-07	uc/ml
Xe-133m	2.66e-09	2.66e-08	9.59e-09	3.74e-09	3.29e-09	4.96e-09	uc/ml
Xe-135	2.05e-08	2.05e-07	7.39e-08	2.89e-08	2.54e-08	3.82e-08	uc/ml
Xe-135m	4.82e-12	4.80e-11	1.73e-11	6.77e-12	5.95e-12	8.95e-12	uc/ml
Xe-138	8.35e-12	8.33e-11	3.00e-11	1.17e-11	1.03e-11	1.55e-11	uc/ml
I-131	3.20e-09	3.20e-08	1.15e-08	4.50e-09	3.95e-09	5.95e-09	uc/ml
I-132	1.80e-09	1.80e-08	6.48e-09	2.53e-09	2.22e-09	3.35e-09	uc/ml
I-133	5.83e-09	5.82e-08	2.10e-08	8.19e-09	7.20e-09	1.08e-08	uc/ml
I-134	6.19e-10	6.18e-09	2.23e-09	8.70e-10	7.64e-10	1.15e-09	uc/ml
I-135	4.12e-09	4.12e-08	1.48e-08	5.79e-09	5.09e-09	7.67e-09	uc/ml
Rb-88	1.97e-09	1.97e-08	7.09e-09	2.77e-09	2.43e-09	3.67e-09	uc/ml
Cs-138	3.34e-12	3.32e-11	1.20e-11	4.69e-12	4.12e-12	6.19e-12	uc/ml
N-G	1.12e-07	1.12e-06	4.03e-07	1.57e-07	1.38e-07	2.08e-07	uc/ml
Iodines	1.56e-08	1.56e-07	5.60e-08	2.19e-08	1.92e-08	2.90e-08	uc/ml
Part	1.98e-09	1.97e-08	7.11e-09	2.78e-09	2.44e-09	3.67e-09	uc/ml

Hallway Dose Rates

LEVEL	155'	139'	130'	121'	100'	77'	Units
CW	0.001	0.013	0.005	0.002	0.002	0.002	r/hr
OW	0.014	0.140	0.050	0.020	0.017	0.026	r/hr

Auxiliary Building Radiation Monitors

MONITOR	R-33	R-32	R-31	R-30	Units
	1.80e+02	1.80e+03	2.53e+02	2.22e+02	cpm

12:45:00 sample time + 15 minutes

PLUME MAPS

Onsite Field Dose Rates

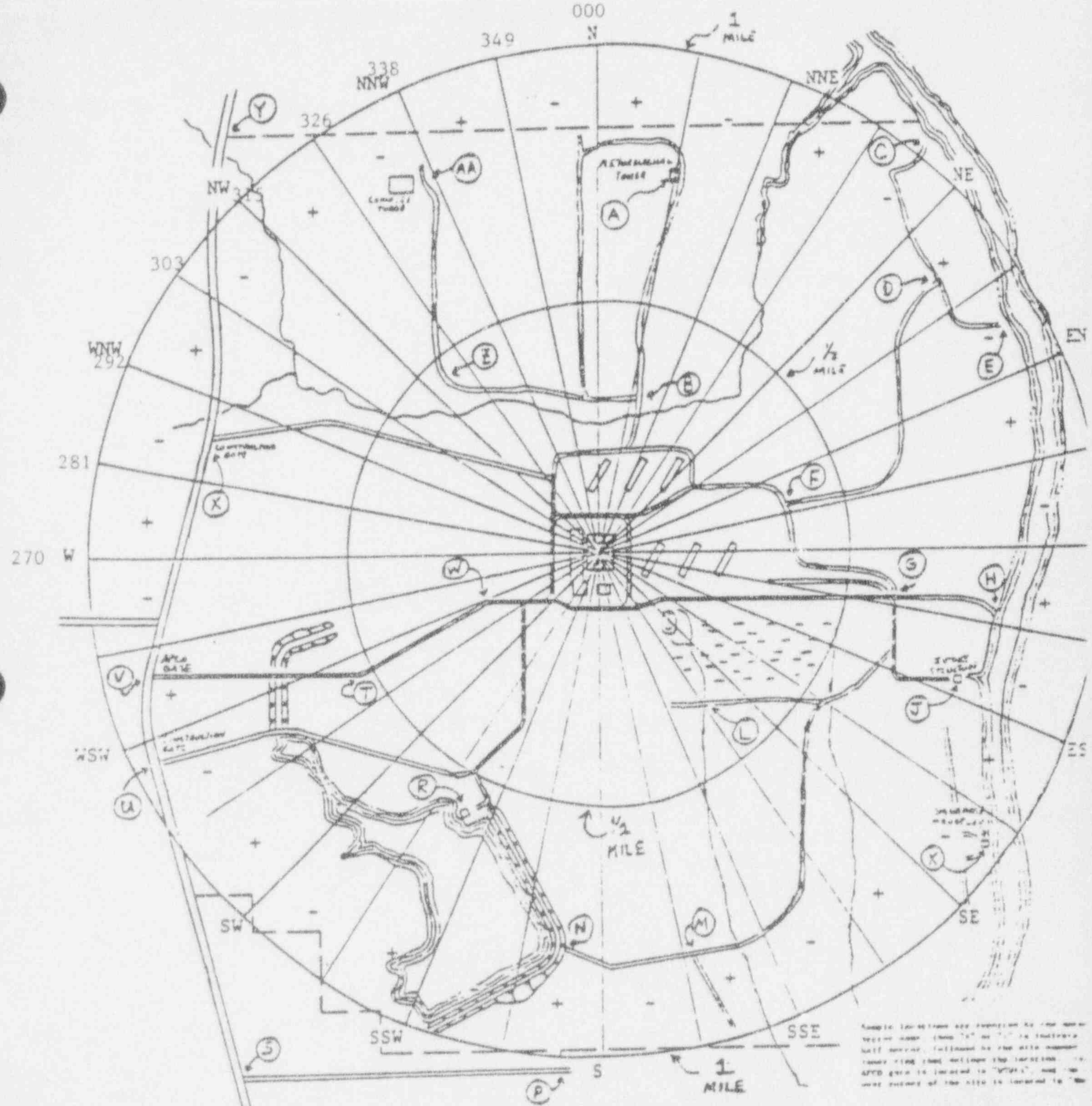
For the purposes of this drill, the plume will be elevated until it reaches the plant site boundary where it touches down. Shown on the following pages are dose rates corresponding to onsite predesignated monitoring points as shown on the map. All dose rates for points within the one mile boundary are mR/hr ion chamber closed window readings. For locations between points in the plume path, interpolate dose rates between the indicated points. Open window ion chamber readings will equal closed window readings until the one mile site boundary is reached.

Any air samples taken at less than the one mile site boundary will read background on the frisker. For air samples drawn at the one mile site boundary or beyond, use the data tables for offsite air sample filter results.

Dose rates in the EOF may be calculated by attenuating the "W" readings from the next page by a factor of five based on the EOF's design shielding factor of five.

Onsite Field Dose Rates (cont)

Time	W	X	Z	Y
0800	0.0	0.0	0.0	0.0
0815	0.0	0.0	0.0	0.0
0830	0.0	0.0	0.0	0.0
0845	0.0	0.0	0.0	0.0
0900	0.0	0.0	0.0	0.0
0915	0.0	0.0	0.0	0.0
0930	0.0	0.0	0.0	0.0
0945	0.0	0.0	0.0	0.0
1000	0.0	0.0	0.0	0.0
1015	0.0	0.0	0.0	0.0
1030	0.0	0.0	0.0	0.0
1045	2.0	7.0	1.0	0.1
1100	3.0	8.0	1.2	0.1
1115	18.0	82.0	6.0	1.0
1130	25.0	147.0	12.0	2.0
1145	30.0	150.0	15.0	2.0
1200	10.0	65.0	5.0	2.0
1215	23.0	120.0	15.0	0.8
1230	5.0	80.0	10.0	1.6
1245	1.0	25.0	3.0	0.8
1300	2.0	48.0	5.0	1.2



PREDESIGNATED MONITORING POINTS

Point	Location	Description	Point	Location	Description	Point	Location	Description
A	N+½	Met tower	J	ESE-½	Intake Structure	T	WSW-½	Bend of road
B	NNE-0	Road intersection	K	SE-½	Discharge Structure	U	WSW-½	Gate at AL95
C	NE-1	TLD station	L	SE+0	Stream crossing	V	WSW+½	Gate at AL95
D	NE+½	Road intersection	M	SSE+½	Road intersection	W	WSW-0	Bend of road
E	ENE-½	End of road	N	S+½	Pond dam	X	WNW-½	Gate at AL95
F	ENE+0	Road intersection	P	S+1	End of field road	Y	NW+1	North site at AL95
G	E+½	Road intersection	R	SSW+½	Serv. water struct.	Z	N+0	Bend of road
H	E+½	Barge slip	S	SW-1	Road intersection	AA	NNW-½	Cownies Three

Offsite Plume Maps:

Numbers shown in the plume are average mR/hr ion chamber beta/gamma open window dose rates at the plume centerline. At plume centerline, instantaneous values should range randomly by 10% of the indicated values. Several minutes worth of monitoring should average out to a reading close to the indicated value. The highlighted lines indicate the two sigma plume boundary. Outside the boundary, readings should be background. Between the boundary and the centerline, the average readings should be estimated based on a bell shaped curve corresponding to background at the plume edge and the maximum value shown at centerline. Readings taken at locations between indicated doses should be interpolated. All values shown are mr/hr ion chamber open window readings. Closed window gamma readings will equal 1/2 the open window beta/gamma readings. Height of the detector above ground will not affect readings.

If an RMT is monitoring background with a GM type instrument and approaches close to the edge of the plume, then increased count rate (cpm) readings should be given by the controller to indicate presence of the plume edge. If this method is used by the team, the maximum cpm value given at the edge of the plume should not be greater than 4,000 cpm. Once the team is in the plume, use the indicated ion chamber dose rates or interpolated doses.
Air sample results from the site boundary out to ten miles are included on additional sheets.


N
NNW
NW
WNW
W
360
355
350
345
340
335
330
325
320
315
310
305
300
295
290
285
280
275
270
265
255
F-10
E-10
F-5
E-5
D-5
D-10
C-5
A
6.3
COLUMBIA
WEBB
COWARTS
ASHFORD
AVON
Rock Falls
Pleasant Plains
Shiloh Church
Spring Hill Church
Mt Zion Church
Macedonia Church
Springfield Church
Pleasant Grove Church
Headland Municipal Airport

1100 CENTRAL STANDARD TIME

1115 CENTRAL STANDARD TIME

1130 CENTRAL STANDARD TIME

1145 CENTRAL STANDARD TIME

1200 CENTRAL STANDARD TIME

1215 CENTRAL STANDARD TIME

1230 CENTRAL STANDARD TIME


N
NNW
NW
WNW
W
F-10
F-5
E-10
E-5
D-5
D-10
C-5
A
7.0
15
25
COLUMBIA
ASHFORD
AVON
COWARTS
WEBB
Rock Falls
Plessant Plains
Center Church
Mt Zion Church
Hunters Cemetery
St Paule Church
Barber
Springfield Church
Pleasant Grove Church
Liberty Church
Calebet
Williams
Shiloh Church
Spring Hill Church
Rimnbark Pond

1300 CENTRAL STANDARD TIME

RMT FIELD ENVIRONMENTAL AIR SAMPLES
SILVER ZEOLITE FILTER (CPM>BKGD)

TIME	I-CPM SB	I-CPM 2	I-CPM 5	I-CPM 10
700	0	0	0	0
715	0	0	0	0
730	0	0	0	0
745	0	0	0	0
800	0	0	0	0
815	0	0	0	0
830	0	0	0	0
845	0	0	0	0
900	0	0	0	0
915	0	0	0	0
930	0	0	0	0
945	0	0	0	0
1000	0	0	0	0
1015	0	0	0	0
1030	0	0	0	0
1045	80	0	0	0
1100	100	0	0	0
1115	1000	20	0	0
1130	1800	800	0	0
1145	1800	600	0	0
1200	900	390	0	0
1215	1200	240	20	0
1230	900	420	240	0
1245	330	210	150	0
1300	600	90	120	0

NOTE : The cpm listed is for the mileage boundaries, for air samples taken between boundaries interpolate the value between the values for the boundaries on each side.

SB = Site Boundary
2 = Two Mile Boundary
5 = Five Mile Boundary
10 = Ten Mile Boundary

RMT FIELD ENVIRONMENTAL AIR SAMPLES
PARTICULATE FILTER (CPM>BKGD)

TIME	P-CPM SB	P-CPM 2	P- CPM 5	P-CPM 10
700	0	0	0	0
715	0	0	0	0
730	0	0	0	0
745	0	0	0	0
800	0	0	0	0
815	0	0	0	0
830	0	0	0	0
845	0	0	0	0
900	0	0	0	0
915	0	0	0	0
930	0	0	0	0
945	0	0	0	0
1000	0	0	0	0
1015	0	0	0	0
1030	0	0	0	0
1045	1600	0	0	0
1100	1700	0	0	0
1115	18300	380	0	0
1130	33600	13800	0	0
1145	32800	9800	0	0
1200	17100	6900	0	0
1215	26200	4600	170	0
1230	17300	7200	3200	0
1245	6200	4000	2100	0
1300	11400	1600	1700	0

NOTE : The cpm listed is for the mileage boundaries, for air samples taken between boundaries interpolate the value between the values for the boundaries on each side.

SB = Site Boundary
2 = Two Mile Boundary
5 = Five Mile Boundary
10 = Ten Mile Boundary

Offsite Filter Gamma Spectroscopy Results

TIME = 1030

LOCATION =	SB		2 MILE		5 MILE	
	uci/ml	%MPC	uci/ml	%MPC	uci/ml	%MPC
Rb-88 =	0.00E+00	0.0	0.00E+00	0.0	0.00E+00	0.0
Cs-138 =	0.00E+00	0.0	0.00E+00	0.0	0.00E+00	0.0
I-131 =	0.00E+00	0.0	0.00E+00	0.0	0.00E+00	0.0
I-132 =	0.00E+00	0.0	0.00E+00	0.0	0.00E+00	0.0
I-133 =	0.00E+00	0.0	0.00E+00	0.0	0.00E+00	0.0
I-134 =	0.00E+00	0.0	0.00E+00	0.0	0.00E+00	0.0
I-135 =	0.00E+00	0.0	0.00E+00	0.0	0.00E+00	0.0
TOTAL PART. =	0.00E+00	0.0	0.00E+00	0.0	0.00E+00	0.0
TOTAL IOD. =	0.00E+00	0.0	0.00E+00	0.0	0.00E+00	0.0

TIME = 1045

LOCATION =	SB		2 MILE		5 MILE	
	uci/ml	%MPC	uci/ml	%MPC	uci/ml	%MPC
Rb-88 =	1.32E-08	1.3	0.00E+00	0.0	0.00E+00	0.0
Cs-138 =	4.40E-09	0.4	0.00E+00	0.0	0.00E+00	0.0
I-131 =	6.87E-10	7.6	0.00E+00	0.0	0.00E+00	0.0
I-132 =	6.49E-10	7.2	0.00E+00	0.0	0.00E+00	0.0
I-133 =	1.32E-09	14.7	0.00E+00	0.0	0.00E+00	0.0
I-134 =	5.26E-10	5.8	0.00E+00	0.0	0.00E+00	0.0
I-135 =	1.06E-09	11.7	0.00E+00	0.0	0.00E+00	0.0
TOTAL PART. =	1.76E-08	1.8	0.00E+00	0.0	0.00E+00	0.0
TOTAL IOD. =	4.24E-09	47.1	0.00E+00	0.0	0.00E+00	0.0

TIME = 1100

LOCATION =	SB		2 MILE		5 MILE	
	uci/ml	%MPC	uci/ml	%MPC	uci/ml	%MPC
Rb-88 =	1.40E-08	1.4	0.00E+00	0.0	0.00E+00	0.0
Cs-138 =	4.68E-09	0.5	0.00E+00	0.0	0.00E+00	0.0
I-131 =	8.59E-10	9.5	0.00E+00	0.0	0.00E+00	0.0
I-132 =	8.11E-10	9.0	0.00E+00	0.0	0.00E+00	0.0
I-133 =	1.65E-09	18.4	0.00E+00	0.0	0.00E+00	0.0
I-134 =	6.57E-10	7.3	0.00E+00	0.0	0.00E+00	0.0
I-135 =	1.32E-09	14.7	0.00E+00	0.0	0.00E+00	0.0
TOTAL PART. =	1.87E-08	1.9	0.00E+00	0.0	0.00E+00	0.0
TOTAL IOD. =	5.30E-09	58.9	0.00E+00	0.0	0.00E+00	0.0

TIME = 1115

LOCATION =	SB uci/ml	SB %MPC	2 MILE uci/ml	2 MILE %MPC	5 MILE uci/ml	5 MILE %MPC
Rb-88 =	1.51E-07	15.1	3.14E-09	0.3	0.00E+00	0.0
Cs-138 =	5.03E-08	5.0	1.05E-09	0.1	0.00E+00	0.0
I-131 =	8.59E-09	95.4	1.72E-10	1.9	0.00E+00	0.0
I-132 =	8.11E-09	90.1	1.62E-10	1.8	0.00E+00	0.0
I-133 =	1.65E-08	183.7	3.31E-10	3.7	0.00E+00	0.0
I-134 =	6.57E-09	73.0	1.31E-10	1.5	0.00E+00	0.0
I-135 =	1.32E-08	146.6	2.64E-10	2.9	0.00E+00	0.0
TOTAL PART. =	2.01E-07	20.1	4.18E-09	0.4	0.00E+00	0.0
TOTAL IOD. =	5.30E-08	588.9	1.06E-09	11.8	0.00E+00	0.0

TIME = 1130

LOCATION =	SB uci/ml	SB %MPC	2 MILE uci/ml	2 MILE %MPC	5 MILE uci/ml	5 MILE %MPC
Rb-88 =	2.77E-07	27.7	1.14E-07	11.4	0.00E+00	0.0
Cs-138 =	9.24E-08	9.2	3.80E-08	3.8	0.00E+00	0.0
I-131 =	1.55E-08	171.7	6.87E-09	76.3	0.00E+00	0.0
I-132 =	1.46E-08	162.2	6.49E-09	72.1	0.00E+00	0.0
I-133 =	2.98E-08	330.7	1.32E-08	147.0	0.00E+00	0.0
I-134 =	1.18E-08	131.4	5.26E-09	58.4	0.00E+00	0.0
I-135 =	2.38E-08	263.9	1.06E-08	117.3	0.00E+00	0.0
TOTAL PART. =	3.70E-07	37.0	1.52E-07	15.2	0.00E+00	0.0
TOTAL IOD. =	9.54E-08	1060.0	4.24E-08	471.1	0.00E+00	0.0

TIME = 1145

LOCATION =	SB uci/ml	SB %MPC	2 MILE uci/ml	2 MILE %MPC	5 MILE uci/ml	5 MILE %MPC
Rb-88 =	2.71E-07	27.1	8.09E-08	8.1	0.00E+00	0.0
Cs-138 =	9.02E-08	9.0	2.70E-08	2.7	0.00E+00	0.0
I-131 =	1.55E-08	171.7	5.15E-09	57.2	0.00E+00	0.0
I-132 =	1.46E-08	162.2	4.87E-09	54.1	0.00E+00	0.0
I-133 =	2.98E-08	330.7	9.92E-09	110.2	0.00E+00	0.0
I-134 =	1.18E-08	131.4	3.94E-09	43.8	0.00E+00	0.0
I-135 =	2.38E-08	263.9	7.92E-09	88.0	0.00E+00	0.0
TOTAL PART. =	3.61E-07	36.1	1.08E-07	10.8	0.00E+00	0.0
TOTAL IOD. =	9.54E-08	1060.0	3.18E-08	353.3	0.00E+00	0.0

TIME = 1200

LOCATION =	SB uci/ml	SB %MPC	2 MILE uci/ml	2 MILE %MPC	5 MILE uci/ml	5 MILE %MPC
Rb-88 =	1.41E-07	14.1	5.69E-08	5.7	0.00E+00	0.0
Cs-138 =	4.70E-08	4.7	1.90E-08	1.9	0.00E+00	0.0
I-131 =	7.73E-09	85.9	3.35E-09	37.2	0.00E+00	0.0
I-132 =	7.30E-09	81.1	3.16E-09	35.1	0.00E+00	0.0
I-133 =	1.49E-08	165.4	6.45E-09	71.7	0.00E+00	0.0
I-134 =	5.91E-09	65.7	2.56E-09	28.5	0.00E+00	0.0
I-135 =	1.19E-08	132.0	5.15E-09	57.2	0.00E+00	0.0
TOTAL PART. =	1.88E-07	18.8	7.59E-08	7.6	0.00E+00	0.0
TOTAL IOD. =	4.77E-08	530.0	2.07E-08	229.7	0.00E+00	0.0

TIME = 1215

LOCATION =	SB uci/ml	SB %MPC	2 MILE uci/ml	2 MILE %MPC	5 MILE uci/ml	5 MILE %MPC
Rb-88 =	2.16E-07	21.6	3.80E-08	3.8	1.40E-09	0.1
Cs-138 =	7.20E-08	7.2	1.27E-08	1.3	4.68E-10	0.0
I-131 =	1.03E-08	114.5	2.06E-09	22.9	1.72E-10	1.9
I-132 =	9.73E-09	108.1	1.95E-09	21.6	1.62E-10	1.8
I-133 =	1.98E-08	220.5	3.97E-09	44.1	3.31E-10	3.7
I-134 =	7.89E-09	87.6	1.58E-09	17.5	1.31E-10	1.5
I-135 =	1.58E-08	176.0	3.17E-09	35.2	2.64E-10	2.9
TOTAL PART. =	2.88E-07	28.8	5.06E-08	5.1	1.87E-09	0.2
TOTAL IOD. =	6.36E-08	706.7	1.27E-08	141.3	1.06E-09	11.8

TIME = 1230

LOCATION =	SB uci/ml	SB %MPC	2 MILE uci/ml	2 MILE %MPC	5 MILE uci/ml	5 MILE %MPC
Rb-88 =	1.43E-07	14.3	5.94E-08	5.9	2.64E-08	2.6
Cs-138 =	4.76E-08	4.8	1.98E-08	2.0	8.80E-09	0.9
I-131 =	7.73E-09	85.9	3.61E-09	40.1	2.06E-09	22.9
I-132 =	7.30E-09	81.1	3.41E-09	37.8	1.95E-09	21.6
I-133 =	1.49E-08	165.4	6.95E-09	77.2	3.97E-09	44.1
I-134 =	5.91E-09	65.7	2.76E-09	30.7	1.58E-09	17.5
I-135 =	1.19E-08	132.0	5.54E-09	61.6	3.17E-09	35.2
TOTAL PART. =	1.90E-07	19.0	7.92E-08	7.9	3.52E-08	3.5
TOTAL IOD. =	4.77E-08	530.0	2.23E-08	247.3	1.27E-08	141.3

TIME = 1245
LOCATION =

	SB uci/ml	SB %MPC	2 MILE uci/ml	2 MILE %MPC	5 MILE uci/ml	5 MILE %MPC
Rb-88 =	5.12E-08	5.1	3.30E-08	3.3	1.73E-08	1.7
Cs-138 =	1.71E-08	1.7	1.10E-08	1.1	5.78E-09	0.6
I-131 =	2.83E-09	31.5	1.80E-09	20.0	1.29E-09	14.3
I-132 =	2.68E-09	29.7	1.70E-09	18.9	1.22E-09	13.5
I-133 =	5.46E-09	60.6	3.47E-09	38.6	2.48E-09	27.6
I-134 =	2.17E-09	24.1	1.38E-09	15.3	9.86E-10	11.0
I-135 =	4.36E-09	48.4	2.77E-09	30.8	1.98E-09	22.0
TOTAL PART. =	6.82E-08	6.8	4.40E-08	4.4	2.31E-08	2.3
TOTAL IOD. =	1.75E-08	194.3	1.11E-08	123.7	7.95E-09	88.3

TIME = 1300
LOCATION =

	SB uci/ml	SB %MPC	2 MILE uci/ml	2 MILE %MPC	5 MILE uci/ml	5 MILE %MPC
Rb-88 =	9.41E-08	9.4	1.32E-08	1.3	1.40E-08	1.4
Cs-138 =	3.14E-08	3.1	4.40E-09	0.4	4.68E-09	0.5
I-131 =	5.15E-09	57.2	7.73E-10	8.6	1.03E-09	11.4
I-132 =	4.87E-09	54.1	7.30E-10	8.1	9.73E-10	10.8
I-133 =	9.92E-09	110.2	1.49E-09	16.5	1.98E-09	22.0
I-134 =	3.94E-09	43.8	5.91E-10	6.6	7.89E-10	8.8
I-135 =	7.92E-09	88.0	1.19E-09	13.2	1.58E-09	17.6
TOTAL PART. =	1.25E-07	12.5	1.76E-08	1.8	1.87E-08	1.9
TOTAL IOD. =	3.18E-08	353.3	4.77E-09	53.0	6.36E-09	70.7

243g

METEROLOGICAL FORECAST DATA

Zone 15 - Aviation Weather Forecast

From 0800 to 1200 use the forecasts below:

6 hour forecast

Overcast at 6,000
Slight chance of scattered thunderstorms in PM
Winds - 105 at 3 (105 is "from" wind direction in degrees and 3 is windspeed in knots)

12 hour forecast (valid after 1400)

Scattered at 10,000
Winds - 140 at 5

From 1200 to end of exercise

6 hour forecast

Scattered at 10,000
20% chance of scattered thunderstorms
Winds - variable 105 to 130 at 3 to 5

12 hour forecast (valid after 1800)

Clear
Winds - 140 at 4

Public Weather Forecast

Current conditions (valid until 1000)

Cloudy with 15% chance of PM thunderstorms
Temperature 62 degrees F
Barometric Pressure - 30.10 and stable
Winds - from east-southeast between 2 and 5 mph

Predicted

Clearing during the late afternoon
High temperature in the low-70's
Winds - from the east to southeast between 3 to 6 mph

METEOROLOGICAL DATA

TIME OF DAY	WIND SPEED (MPH) 35′	150′	WIND DIRECT (FROM) 35′	150′	TEMP DIFF (DEGREES F) CH A	CH B	CLASS	RELEASE SOURCE FROM PVS (uC/ml) * NG	IODINE
0800	2.2	2.4	99	102	-.67	-.67	D	8.2E-06	4.5E-11
0815	3.2	3.0	103	103	-.75	-.75	D	8.7E-06	4.4E-11
0830	3.1	3.3	101	103	-.75	-.75	D	8.4E-06	4.6E-11
0845	2.9	2.8	102	103	-.77	-.77	D	8.1E-06	4.9E-11
0900	3.0	3.1	101	103	-.74	-.74	D	8.8E-06	4.5E-11
0915	2.9	3.0	102	103	-.74	-.74	D	8.5E-06	4.7E-11
0930	2.9	2.9	102	103	-.76	-.76	D	8.2E-06	4.6E-11
0945	3.1	3.0	101	103	-.73	-.73	D	8.8E-06	4.4E-11
1000	3.2	3.1	103	103	-.73	-.73	D	8.8E-06	4.6E-11
1015	3.1	3.1	102	103	-.78	-.78	D	8.5E-06	4.7E-11
1030	3.1	3.1	102	103	-.74	-.74	D	8.5E-06	4.6E-11
1045	3.2	3.1	102	103	-.72	-.72	D	8.6E-03	5.2E-08
1100	3.0	3.0	102	103	-.75	-.75	D	1.6E-01	9.9E-07
1115	3.2	2.9	103	103	-.53	-.53	E	1.1E-01	6.8E-07
1130	3.0	2.8	99	101	-.20	-.20	E	9.8E-02	5.5E-07
1145	2.8	2.8	98	97	-.15	-.15	E	7.1E-02	3.8E-07
1200	3.0	3.1	96	97	-.15	-.15	E	9.8E-02	5.2E-07
1215	3.1	2.9	94	97	-.18	-.18	E	6.1E-02	3.1E-07
1230	2.8	3.0	103	101	-.14	-.14	E	2.7E-02	1.3E-07
1245	2.8	3.1	118	119	-.18	-.18	E	5.2E-02	2.5E-07
1300	2.8	3.1	118	120	-.18	-.18	E	5.2E-02	2.5E-07

* ASSUME PVS FLOW = 75,000 cfm

NUCLIDE SAMPLES

NUCLIDE SAMPLES

The following tables represent nuclide concentrations (uCi/ml) of noble gases and iodides for the reactor coolant system, ECCS sump, CTMT atmosphere, and plant vent stack releases during simulated reactor core cladding damage. Values are provided at 15 minute intervals from 8:00 A.M. Central to 13:00 P.M. Central. The nuclide concentrations from 10:00 through 13:00 represent some amount of failed fuel cladding damage.

Some of the particulate nuclides shown (such as Sr-89,90,91, & Y-91) will not show up on a gamma spectroscopy analysis. These isotopes wold have to be analyzed using chemical separation and gross beta counting techniques. They are expected for this type of accident and can be analyzed at a later time.

At 9:45 A.M. Central, a large LOCA occurs and the containment sump begins to fill with water from the reactor coolant system which is being diluted by water from the sodium hydroxide tank, accumulators, and refueling water storage tank. The sodium hydroxide tank adds sodium hydroxide, while the accumulators and refueling water storage tank add boron.

If inquiries are made regarding isotopes not provided, indicate that the information is not available. DO NOT attempt to estimate other isotopic concentrations. Contact the lead controller if this creates a problem.

NOTE: The isotopic concentrations do not take into account MDC values. Unreasonably low values should be stated as MDC.

NUCLEAR CHEMISTRY

242

Nuclear Chemistry at time: 08:00:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	5.91e-09	0.00e+00	9.70e-13	0.00e+00	uc/ml
Kr-85m	9.48e-03	0.00e+00	1.26e-06	3.01e-07	uc/ml
Kr-87	1.78e-02	0.00e+00	2.12e-06	3.71e-07	uc/ml
Kr-88	2.19e-02	0.00e+00	2.83e-06	6.28e-07	uc/ml
Xe-131m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Xe-133	6.00e-02	0.00e+00	8.31e-06	2.88e-06	uc/ml
Xe-133m	3.00e-03	0.00e+00	4.15e-07	9.99e-08	uc/ml
Xe-135	5.00e-02	0.00e+00	6.83e-06	2.49e-06	uc/ml
Xe-135m	1.53e-02	0.00e+00	1.07e-06	2.65e-07	uc/ml
Xe-138	7.62e-02	0.00e+00	5.09e-06	1.29e-06	uc/ml
I-131	1.50e-03	0.00e+00	2.14e-11	3.72e-12	uc/ml
I-132	4.18e-02	0.00e+00	5.48e-10	6.40e-12	uc/ml
I-133	2.00e-02	0.00e+00	2.83e-10	4.27e-12	uc/ml
I-134	9.87e-02	0.00e+00	1.13e-09	9.09e-12	uc/ml
I-135	4.59e-02	0.00e+00	6.36e-10	6.11e-12	uc/ml
Rb-88	2.97e-02	0.00e+00	1.30e-10	3.04e-12	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	3.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	5.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ru-103	8.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ru-106	7.00e-03	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-129m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-131m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-132m	9.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sb-127	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sb-129	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-134	9.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-136	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-137	1.20e-04	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-138	9.95e-02	0.00e+00	1.85e-10	1.49e-11	uc/ml
Ba-140	4.80e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
La-140	2.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ce-144	5.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Np-239	1.00e-04	0.00e+00	0.00e+00	0.00e+00	uc/ml

N-G	2.54e-01	0.00e+00	2.79e-05	8.33e-06	uc/ml
Iodines	2.08e-01	0.00e+00	2.62e-09	2.96e-11	uc/ml
Part	1.37e-01	0.00e+00	3.15e-10	1.79e-11	uc/ml

D-E-I	7.49e-03	0.00e+00	1.05e-10	4.81e-12	uc/ml

Nuclear Chemistry at time: 08:15:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	1.98e-09	0.00e+00	9.70e-13	0.00e+00	uc/ml
Kr-85m	9.48e-03	0.00e+00	1.26e-06	3.01e-07	uc/ml
Kr-87	1.78e-02	0.00e+00	2.12e-06	3.71e-07	uc/ml
Kr-88	2.19e-02	0.00e+00	2.83e-06	6.28e-07	uc/ml
Xe-131m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Xe-133	6.00e-02	0.00e+00	8.31e-06	2.88e-06	uc/ml
Xe-133m	3.00e-03	0.00e+00	4.15e-07	9.99e-08	uc/ml
Xe-135	5.00e-02	0.00e+00	6.83e-06	2.49e-06	uc/ml
Xe-135m	1.53e-02	0.00e+00	1.07e-06	2.65e-07	uc/ml
Xe-138	7.62e-02	0.00e+00	5.09e-06	1.29e-06	uc/ml
I-131	1.50e-03	0.00e+00	2.14e-11	3.72e-12	uc/ml
I-132	4.18e-02	0.00e+00	5.48e-10	6.40e-12	uc/ml
I-133	2.00e-02	0.00e+00	2.83e-10	4.27e-12	uc/ml
I-134	9.87e-02	0.00e+00	1.13e-09	9.09e-12	uc/ml
I-135	4.59e-02	0.00e+00	6.36e-10	6.11e-12	uc/ml
Rb-88	2.97e-02	0.00e+00	1.30e-10	3.04e-12	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	3.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	5.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ru-103	8.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ru-106	7.00e-03	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-129m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-131m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-132m	9.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sb-127	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sb-129	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-134	9.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-136	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-137	1.20e-04	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-138	9.95e-02	0.00e+00	1.85e-10	1.49e-11	uc/ml
Ba-140	4.80e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
La-140	2.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ce-144	5.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Np-239	1.00e-04	0.00e+00	0.00e+00	0.00e+00	uc/ml
N-G	2.54e-01	0.00e+00	2.79e-05	8.33e-06	uc/ml
Iodines	2.08e-01	0.00e+00	2.62e-09	2.96e-11	uc/ml
Part	1.37e-01	0.00e+00	3.15e-10	1.79e-11	uc/ml
D-E-I	7.49e-03	0.00e+00	1.05e-10	4.81e-12	uc/ml

Time: 08:15:00

Nuclear Chemistry at time: 08:30:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	1.66e-09	0.00e+00	9.70e-13	0.00e+00	uc/ml
Kr-85m	9.48e-03	0.00e+00	1.26e-06	3.01e-07	uc/ml
Kr-87	1.78e-02	0.00e+00	2.12e-06	3.71e-07	uc/ml
Kr-88	2.19e-02	0.00e+00	2.83e-06	6.28e-07	uc/ml
Xe-131m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Xe-133	6.00e-02	0.00e+00	8.31e-06	2.88e-06	uc/ml
Xe-133m	3.00e-03	0.00e+00	4.15e-07	9.99e-08	uc/ml
Xe-135	5.00e-02	0.00e+00	6.83e-06	2.49e-06	uc/ml
Xe-135m	1.53e-02	0.00e+00	1.07e-06	2.65e-07	uc/ml
Xe-138	7.62e-02	0.00e+00	5.09e-06	1.29e-06	uc/ml
I-131	1.50e-03	0.00e+00	2.14e-11	3.72e-12	uc/ml
I-132	4.18e-02	0.00e+00	5.48e-10	6.40e-12	uc/ml
I-133	2.00e-02	0.00e+00	2.83e-10	4.27e-12	uc/ml
I-134	9.87e-02	0.00e+00	1.13e-09	9.09e-12	uc/ml
I-135	4.59e-02	0.00e+00	6.36e-10	6.11e-12	uc/ml
Rb-88	2.97e-02	0.00e+00	1.30e-10	3.04e-12	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	3.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	5.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ru-103	8.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ru-106	7.00e-03	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-129m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-131m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-132m	9.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sb-127	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sb-129	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-134	9.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-136	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-137	1.20e-04	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-138	9.95e-02	0.00e+00	1.85e-10	1.49e-11	uc/ml
Ba-140	4.80e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
La-140	2.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ce-144	5.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Np-239	1.00e-04	0.00e+00	0.00e+00	0.00e+00	uc/ml

N-G	2.54e-01	0.00e+00	2.79e-05	8.33e-06	uc/ml
Iodines	2.08e-01	0.00e+00	2.62e-09	2.96e-11	uc/ml
Part	1.37e-01	0.00e+00	3.15e-10	1.79e-11	uc/ml

D-E-I	7.49e-03	0.00e+00	1.05e-10	4.81e-12	uc/ml

Nuclear Chemistry at time: 08:45:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	1.63e-09	0.00e+00	9.70e-13	0.00e+00	uc/ml
Kr-85m	9.48e-03	0.00e+00	1.26e-06	3.01e-07	uc/ml
Kr-87	1.78e-02	0.00e+00	2.12e-06	3.71e-07	uc/ml
Kr-88	2.19e-02	0.00e+00	2.83e-06	6.28e-07	uc/ml
Xe-131m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Xe-133	6.00e-02	0.00e+00	8.31e-06	2.88e-06	uc/ml
Xe-133m	3.00e-03	0.00e+00	4.15e-07	9.99e-08	uc/ml
Xe-135	5.00e-02	0.00e+00	6.83e-06	2.49e-06	uc/ml
Xe-135m	1.53e-02	0.00e+00	1.07e-06	2.65e-07	uc/ml
Xe-138	7.62e-02	0.00e+00	5.09e-06	1.29e-06	uc/ml
I-131	1.50e-03	0.00e+00	2.14e-11	3.72e-12	uc/ml
I-132	4.18e-02	0.00e+00	5.48e-10	6.40e-12	uc/ml
I-133	2.00e-02	0.00e+00	2.83e-10	4.27e-12	uc/ml
I-134	9.87e-02	0.00e+00	1.13e-09	9.09e-12	uc/ml
I-135	4.59e-02	0.00e+00	6.36e-10	6.11e-12	uc/ml
Rb-88	2.97e-02	0.00e+00	1.30e-10	3.04e-12	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	3.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	5.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ru-103	8.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ru-106	7.00e-03	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-129m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-131m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-132m	9.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sb-127	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sb-129	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-134	9.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-136	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-137	1.20e-04	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-138	9.95e-02	0.00e+00	1.85e-10	1.49e-11	uc/ml
Ba-140	4.80e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
La-140	2.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ce-144	5.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Np-239	1.00e-04	0.00e+00	0.00e+00	0.00e+00	uc/ml
N-G	2.54e-01	0.00e+00	2.79e-05	8.33e-06	uc/ml
Iodines	2.08e-01	0.00e+00	2.62e-09	2.96e-11	uc/ml
Part	1.37e-01	0.00e+00	3.15e-10	1.79e-11	uc/ml
D-E-I	7.49e-03	0.00e+00	1.05e-10	4.81e-12	uc/ml

Time: 08:45:00

Nuclear Chemistry at time: 09:00:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	1.64e-09	0.00e+00	9.70e-13	0.00e+00	uc/ml
Kr-85m	9.48e-03	0.00e+00	1.26e-06	3.01e-07	uc/ml
Kr-87	1.78e-02	0.00e+00	2.12e-06	3.71e-07	uc/ml
Kr-88	2.19e-02	0.00e+00	2.83e-06	6.28e-07	uc/ml
Xe-131m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Xe-133	6.00e-02	0.00e+00	8.31e-06	2.88e-06	uc/ml
Xe-133m	3.00e-03	0.00e+00	4.15e-07	9.99e-08	uc/ml
Xe-135	5.00e-02	0.00e+00	6.83e-06	2.49e-06	uc/ml
Xe-135m	1.53e-02	0.00e+00	1.07e-06	2.65e-07	uc/ml
Xe-138	7.62e-02	0.00e+00	5.09e-06	1.29e-06	uc/ml
I-131	1.50e-03	0.00e+00	2.14e-11	3.72e-12	uc/ml
I-132	4.18e-02	0.00e+00	5.48e-10	6.40e-12	uc/ml
I-133	2.00e-02	0.00e+00	2.83e-10	4.27e-12	uc/ml
I-134	9.87e-02	0.00e+00	1.13e-09	9.09e-12	uc/ml
I-135	4.59e-02	0.00e+00	6.36e-10	6.11e-12	uc/ml
Rb-88	2.97e-02	0.00e+00	1.30e-10	3.04e-12	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	3.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	5.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ru-103	8.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ru-106	7.00e-03	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-129m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-131m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-132m	9.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sb-127	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sb-129	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-134	9.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-136	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-137	1.20e-04	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-138	9.95e-02	0.00e+00	1.85e-10	1.49e-11	uc/ml
Ba-140	4.80e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
La-140	2.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ce-144	5.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Np-239	1.00e-04	0.00e+00	0.00e+00	0.00e+00	uc/ml
N-G	2.54e-01	0.00e+00	2.79e-05	8.33e-06	uc/ml
Iodines	2.08e-01	0.00e+00	2.62e-09	2.96e-11	uc/ml
Part	1.37e-01	0.00e+00	3.15e-10	1.79e-11	uc/ml
D-E-I	7.49e-03	0.00e+00	1.05e-10	4.81e-12	uc/ml

Nuclear Chemistry at time: 09:15:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	1.65e-09	0.00e+00	9.70e-13	0.00e+00	uc/ml
Kr-85m	9.48e-03	0.00e+00	1.26e-06	3.01e-07	uc/ml
Kr-87	1.78e-02	0.00e+00	2.12e-06	3.71e-07	uc/ml
Kr-88	2.19e-02	0.00e+00	2.83e-06	6.28e-07	uc/ml
Xe-131m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Xe-133	6.00e-02	0.00e+00	8.31e-06	2.88e-06	uc/ml
Xe-133m	3.00e-03	0.00e+00	4.15e-07	9.99e-08	uc/ml
Xe-135	5.00e-02	0.00e+00	6.83e-06	2.49e-06	uc/ml
Xe-135m	1.53e-02	0.00e+00	1.07e-06	2.65e-07	uc/ml
Xe-138	7.62e-02	0.00e+00	5.09e-06	1.29e-06	uc/ml
I-131	1.50e-03	0.00e+00	2.14e-11	3.72e-12	uc/ml
I-132	4.18e-02	0.00e+00	5.48e-10	6.40e-12	uc/ml
I-133	2.00e-02	0.00e+00	2.83e-10	4.27e-12	uc/ml
I-134	9.87e-02	0.00e+00	1.13e-09	9.09e-12	uc/ml
I-135	4.59e-02	0.00e+00	6.36e-10	6.11e-12	uc/ml
Rb-88	2.97e-02	0.00e+00	1.30e-10	3.04e-12	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	3.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	5.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ru-103	8.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ru-106	7.00e-03	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-129m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-131m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-132m	9.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sb-127	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sb-129	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-134	9.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-136	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-137	1.20e-04	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-138	9.95e-02	0.00e+00	1.85e-10	1.49e-11	uc/ml
Ba-140	4.80e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
La-140	2.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ce-144	5.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Np-239	1.00e-04	0.00e+00	0.00e+00	0.00e+00	uc/ml

N-G	2.54e-01	0.00e+00	2.79e-05	8.33e-06	uc/ml
Iodines	2.08e-01	0.00e+00	2.62e-09	2.96e-11	uc/ml
Part	1.37e-01	0.00e+00	3.15e-10	1.79e-11	uc/ml

D-E-I	7.49e-03	0.00e+00	1.05e-10	4.81e-12	uc/ml

Nuclear Chemistry at time: 09:30:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	1.67e-09	0.00e+00	9.70e-13	0.00e+00	uc/ml
Kr-85m	9.48e-03	0.00e+00	1.26e-06	3.01e-07	uc/ml
Kr-87	1.78e-02	0.00e+00	2.12e-06	3.71e-07	uc/ml
Kr-88	2.19e-02	0.00e+00	2.83e-06	6.28e-07	uc/ml
Xe-131m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Xe-133	6.00e-02	0.00e+00	8.31e-06	2.88e-06	uc/ml
Xe-133m	3.00e-03	0.00e+00	4.15e-07	9.99e-08	uc/ml
Xe-135	5.00e-02	0.00e+00	6.83e-06	2.49e-06	uc/ml
Xe-135m	1.53e-02	0.00e+00	1.07e-06	2.65e-07	uc/ml
Xe-138	7.62e-02	0.00e+00	5.09e-06	1.29e-06	uc/ml
I-131	1.50e-03	0.00e+00	2.14e-11	3.72e-12	uc/ml
I-132	4.18e-02	0.00e+00	5.48e-10	6.40e-12	uc/ml
I-133	2.00e-02	0.00e+00	2.83e-10	4.27e-12	uc/ml
I-134	9.87e-02	0.00e+00	1.13e-09	9.09e-12	uc/ml
I-135	4.59e-02	0.00e+00	6.36e-10	6.11e-12	uc/ml
Rb-88	2.97e-02	0.00e+00	1.30e-10	3.04e-12	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	3.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	5.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ru-103	8.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ru-106	7.00e-03	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-129m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-131m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-132m	9.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sb-127	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sb-129	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-134	9.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-136	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-137	1.20e-04	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-138	9.95e-02	0.00e+00	1.85e-10	1.49e-11	uc/ml
Ba-140	4.80e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
La-140	2.00e-05	0.00e+00	0.00e+00	0.00e+00	uc/ml
Ce-144	5.00e-06	0.00e+00	0.00e+00	0.00e+00	uc/ml
Np-239	1.00e-04	0.00e+00	0.00e+00	0.00e+00	uc/ml
N-G	2.54e-01	0.00e+00	2.79e-05	8.33e-06	uc/ml
Iodines	2.08e-01	0.00e+00	2.62e-09	2.96e-11	uc/ml
Part	1.37e-01	0.00e+00	3.15e-10	1.79e-11	uc/ml
D-E-I	7.49e-03	0.00e+00	1.05e-10	4.81e-12	uc/ml

Time: 09:30:00

Nuclear Chemistry at time: 09:45:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	1.66e-09	3.24e-10	9.70e-13	0.00e+00	uc/ml
Kr-85m	9.48e-03	1.85e-03	1.26e-06	3.01e-07	uc/ml
Kr-87	1.78e-02	3.48e-03	2.12e-06	3.71e-07	uc/ml
Kr-88	2.19e-02	4.28e-03	2.83e-06	6.28e-07	uc/ml
Xe-131m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Xe-133	6.00e-02	1.17e-02	8.31e-06	2.88e-06	uc/ml
Xe-133m	3.00e-03	5.86e-04	4.15e-07	9.99e-08	uc/ml
Xe-135	5.00e-02	9.77e-03	6.83e-06	2.49e-06	uc/ml
Xe-135m	1.53e-02	2.98e-03	1.07e-06	2.65e-07	uc/ml
Xe-138	7.62e-02	1.48e-02	5.09e-06	1.29e-06	uc/ml
I-131	1.50e-03	2.93e-04	2.14e-11	3.72e-12	uc/ml
I-132	4.18e-02	8.16e-03	5.48e-10	6.40e-12	uc/ml
I-133	2.00e-02	3.91e-03	2.83e-10	4.27e-12	uc/ml
I-134	9.87e-02	1.93e-02	1.13e-09	9.09e-12	uc/ml
I-135	4.59e-02	8.97e-03	6.36e-10	6.11e-12	uc/ml
Rb-88	2.97e-02	2.83e-02	1.30e-10	3.04e-12	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	3.00e-05	2.87e-05	0.00e+00	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	5.00e-05	4.78e-05	0.00e+00	0.00e+00	uc/ml
Ru-103	8.00e-06	7.65e-06	0.00e+00	0.00e+00	uc/ml
Ru-106	7.00e-03	6.69e-03	0.00e+00	0.00e+00	uc/ml
Te-129m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-131m	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Te-132m	9.00e-06	8.60e-06	0.00e+00	0.00e+00	uc/ml
Sb-127	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sb-129	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-134	9.00e-05	8.60e-05	0.00e+00	0.00e+00	uc/ml
Cs-136	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Cs-137	1.20e-04	1.15e-04	0.00e+00	0.00e+00	uc/ml
Cs-138	9.95e-02	9.50e-02	1.85e-10	1.49e-11	uc/ml
Ba-140	4.80e-05	4.59e-05	0.00e+00	0.00e+00	uc/ml
La-140	2.00e-05	1.91e-05	0.00e+00	0.00e+00	uc/ml
Ce-144	5.00e-06	4.78e-06	0.00e+00	0.00e+00	uc/ml
Np-239	1.00e-04	9.56e-05	0.00e+00	0.00e+00	uc/ml
N-G	2.54e-01	4.95e-02	2.79e-05	8.33e-06	uc/ml
Iodines	2.08e-01	4.06e-02	2.62e-09	2.96e-11	uc/ml
Part	1.37e-01	1.31e-01	3.15e-10	1.79e-11	uc/ml
D-E-I	7.49e-03	1.46e-03	1.05e-10	4.81e-12	uc/ml

Nuclear Chemistry at time: 10:00:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	1.89e+01	2.69e-01	6.86e-04	0.00e+00	uc/ml
Kr-85m	7.94e+02	1.13e+01	2.89e-02	5.56e-11	uc/ml
Kr-87	1.54e+03	2.13e+01	5.48e-02	1.61e-10	uc/ml
Kr-88	2.23e+03	3.18e+01	8.12e-02	9.89e-11	uc/ml
Xe-131m	3.37e+01	4.80e-01	1.22e-03	0.00e+00	uc/ml
Xe-133	5.91e+03	8.18e+01	2.10e-01	1.13e-10	uc/ml
Xe-133m	2.08e+02	2.88e+00	7.42e-03	4.97e-11	uc/ml
Xe-135	1.21e+03	1.68e+01	4.28e-02	5.80e-11	uc/ml
Xe-135m	1.21e+03	1.68e+01	4.32e-02	7.21e-11	uc/ml
Xe-138	4.28e+03	5.93e+01	1.53e-01	6.39e-11	uc/ml
I-131	1.97e+03	2.59e+01	1.87e-02	0.00e+00	uc/ml
I-132	2.69e+03	3.54e+01	2.56e-02	0.00e+00	uc/ml
I-133	3.92e+03	5.16e+01	3.73e-02	0.00e+00	uc/ml
I-134	4.04e+03	5.31e+01	3.85e-02	0.00e+00	uc/ml
I-135	3.43e+03	4.51e+01	3.27e-02	0.00e+00	uc/ml
Rb-88	5.13e+02	7.46e+00	1.04e-02	0.00e+00	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	4.48e-05	7.22e-06	5.34e-10	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	7.56e-05	1.22e-05	9.03e-10	0.00e+00	uc/ml
Ru-103	1.21e-05	1.96e-06	1.45e-10	0.00e+00	uc/ml
Ru-106	1.06e-02	1.71e-03	1.27e-07	0.00e+00	uc/ml
Te-129m	6.14e-01	8.88e-03	2.50e-08	0.00e+00	uc/ml
Te-131m	1.50e+00	2.17e-02	6.12e-08	0.00e+00	uc/ml
Te-132m	1.39e+01	2.01e-01	5.66e-07	0.00e+00	uc/ml
Sb-127	7.06e-01	1.02e-02	2.88e-08	0.00e+00	uc/ml
Sb-129	3.76e+00	5.43e-02	1.53e-07	0.00e+00	uc/ml
Cs-134	4.34e+02	6.28e+00	1.77e-05	0.00e+00	uc/ml
Cs-136	1.74e+02	2.51e+00	7.08e-06	0.00e+00	uc/ml
Cs-137	2.72e+02	3.94e+00	1.11e-05	0.00e+00	uc/ml
Cs-138	6.63e+02	9.47e+00	1.24e-02	0.00e+00	uc/ml
Ba-140	7.27e-05	1.17e-05	8.69e-10	0.00e+00	uc/ml
La-140	3.02e-05	4.88e-06	3.61e-10	0.00e+00	uc/ml
Ce-144	7.58e-06	1.22e-06	9.06e-11	0.00e+00	uc/ml
Np-239	1.51e-04	2.44e-05	1.81e-09	0.00e+00	uc/ml
N-G	1.74e+04	2.43e+02	6.23e-01	6.73e-10	uc/ml
Iodines	1.61e+04	2.11e+02	1.53e-01	1.36e-14	uc/ml
Part	2.08e+03	3.00e+01	2.28e-02	1.33e-16	uc/ml
D-E-I	2.84e+03	3.74e+01	2.70e-02	3.92e-15	uc/ml

Nuclear Chemistry at time: 10:15:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	5.16e+00	7.86e-01	1.44e-03	0.00e+00	uc/ml
Kr-85m	2.09e+02	3.19e+01	5.85e-02	5.56e-11	uc/ml
Kr-87	5.61e+02	5.70e+01	1.11e-01	1.61e-10	uc/ml
Kr-88	5.74e+02	8.75e+01	1.60e-01	9.89e-11	uc/ml
Xe-131m	9.20e+00	1.40e+00	2.57e-03	0.00e+00	uc/ml
Xe-133	2.47e+03	2.51e+02	4.87e-01	1.13e-10	uc/ml
Xe-133m	8.67e+01	8.81e+00	1.71e-02	4.97e-11	uc/ml
Xe-135	5.31e+02	5.39e+01	1.02e-01	5.80e-11	uc/ml
Xe-135m	2.58e+02	2.62e+01	5.09e-02	7.21e-11	uc/ml
Xe-138	8.57e+02	8.71e+01	1.69e-01	6.39e-11	uc/ml
I-131	8.22e+02	7.99e+01	7.22e-02	0.00e+00	uc/ml
I-132	1.04e+03	1.01e+02	9.17e-02	0.00e+00	uc/ml
I-133	1.63e+03	1.58e+02	1.43e-01	0.00e+00	uc/ml
I-134	1.38e+03	1.35e+02	1.22e-01	0.00e+00	uc/ml
I-135	1.40e+03	1.36e+02	1.23e-01	0.00e+00	uc/ml
Rb-88	3.76e+02	5.28e+01	6.43e-02	0.00e+00	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	3.00e-05	6.37e-06	5.35e-10	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	5.15e-05	1.09e-05	9.20e-10	0.00e+00	uc/ml
Ru-103	8.28e-06	1.76e-06	1.48e-10	0.00e+00	uc/ml
Ru-106	6.96e-03	9.38e-04	1.27e-07	0.00e+00	uc/ml
Te-129m	2.56e-01	2.70e-02	1.21e-07	0.00e+00	uc/ml
Te-131m	6.24e-01	6.58e-02	2.95e-07	0.00e+00	uc/ml
Te-132m	5.79e+00	6.10e-01	2.74e-06	0.00e+00	uc/ml
Sb-127	2.95e-01	3.10e-02	1.39e-07	0.00e+00	uc/ml
Sb-129	1.51e+00	1.59e-01	7.13e-07	0.00e+00	uc/ml
Cs-134	1.82e+02	1.91e+01	8.58e-05	0.00e+00	uc/ml
Cs-136	7.26e+01	7.65e+00	3.43e-05	0.00e+00	uc/ml
Cs-137	1.14e+02	1.20e+01	5.37e-05	0.00e+00	uc/ml
Cs-138	5.43e+02	5.65e+01	5.82e-02	0.00e+00	uc/ml
Ba-140	4.97e-05	1.05e-05	8.86e-10	0.00e+00	uc/ml
La-140	2.06e-05	4.36e-06	3.67e-10	0.00e+00	uc/ml
Ce-144	5.18e-06	1.10e-06	9.24e-11	0.00e+00	uc/ml
Np-239	1.03e-04	2.18e-05	1.84e-09	0.00e+00	uc/ml

N-G	5.56e+03	6.05e+02	1.16e+00	6.73e-10	uc/ml
Iodines	6.27e+03	6.10e+02	5.51e-01	1.36e-14	uc/ml
Part	1.30e+03	1.49e+02	1.23e-01	1.33e-16	uc/ml

D-E-I	1.18e+03	1.15e+02	1.04e-01	3.92e-15	uc/ml

Nuclear Chemistry at time: 10:30:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	2.48e+00	7.97e-01	1.79e-03	0.00e+00	uc/ml
Kr-85m	9.66e+01	3.11e+01	6.99e-02	5.56e-11	uc/ml
Kr-87	2.99e+02	5.35e+01	1.32e-01	1.61e-10	uc/ml
Kr-88	2.59e+02	8.34e+01	1.88e-01	9.89e-11	uc/ml
Xe-131m	4.41e+00	1.42e+00	3.19e-03	0.00e+00	uc/ml
Xe-133	1.51e+03	2.69e+02	6.63e-01	1.13e-10	uc/ml
Xe-133m	5.28e+01	9.44e+00	2.33e-02	4.97e-11	uc/ml
Xe-135	3.36e+02	5.99e+01	1.42e-01	5.80e-11	uc/ml
Xe-135m	8.00e+01	1.43e+01	3.53e-02	7.21e-11	uc/ml
Xe-138	2.51e+02	4.48e+01	1.11e-01	6.39e-11	uc/ml
I-131	5.02e+02	8.59e+01	1.07e-01	0.00e+00	uc/ml
I-132	5.92e+02	1.01e+02	1.26e-01	0.00e+00	uc/ml
I-133	9.86e+02	1.69e+02	2.11e-01	0.00e+00	uc/ml
I-134	6.95e+02	1.19e+02	1.48e-01	0.00e+00	uc/ml
I-135	8.33e+02	1.42e+02	1.78e-01	0.00e+00	uc/ml
Rb-88	2.34e+02	6.84e+01	1.14e-01	0.00e+00	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	2.14e-05	5.52e-06	5.33e-10	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	3.59e-05	9.61e-06	9.30e-10	0.00e+00	uc/ml
Ru-103	5.75e-06	1.55e-06	1.50e-10	0.00e+00	uc/ml
Ru-106	5.02e-03	6.61e-04	1.27e-07	0.00e+00	uc/ml
Te-129m	1.57e-01	2.90e-02	1.85e-07	0.00e+00	uc/ml
Te-131m	3.79e-01	7.02e-02	4.47e-07	0.00e+00	uc/ml
Te-132m	3.53e+00	6.54e-01	4.16e-06	0.00e+00	uc/ml
Sb-127	1.80e-01	3.33e-02	2.12e-07	0.00e+00	uc/ml
Sb-129	8.87e-01	1.64e-01	1.05e-06	0.00e+00	uc/ml
Cs-134	1.11e+02	2.05e+01	1.31e-04	0.00e+00	uc/ml
Cs-136	4.43e+01	8.21e+00	5.22e-05	0.00e+00	uc/ml
Cs-137	6.95e+01	1.29e+01	8.19e-05	0.00e+00	uc/ml
Cs-138	3.41e+02	6.22e+01	8.04e-02	0.00e+00	uc/ml
Ba-140	3.45e-05	9.28e-06	8.98e-10	0.00e+00	uc/ml
La-140	1.43e-05	3.83e-06	3.70e-10	0.00e+00	uc/ml
Ce-144	3.59e-06	9.68e-07	9.37e-11	0.00e+00	uc/ml
Np-239	7.18e-05	1.92e-05	1.86e-09	0.00e+00	uc/ml

N-G	2.89e+03	5.68e+02	1.37e+00	6.73e-10	uc/ml
Iodines	3.61e+03	6.17e+02	7.71e-01	1.36e-14	uc/ml
Part	8.05e+02	1.73e+02	1.95e-01	1.33e-16	uc/ml

D-E-I	7.19e+02	1.23e+02	1.54e-01	3.92e-15	uc/ml

Nuclear Chemistry at time: 10:45:01

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	1.93e+00	7.09e-01	2.01e-03	6.82e-07	uc/ml
Kr-85m	7.23e+01	2.66e+01	7.54e-02	2.56e-05	uc/ml
Kr-87	2.59e+02	4.37e+01	1.40e-01	4.75e-05	uc/ml
Kr-88	1.90e+02	6.98e+01	1.98e-01	6.71e-05	uc/ml
Xe-131m	3.43e+00	1.26e+00	3.58e-03	1.21e-06	uc/ml
Xe-133	1.49e+03	2.52e+02	8.07e-01	2.74e-04	uc/ml
Xe-133m	5.22e+01	8.81e+00	2.82e-02	9.58e-06	uc/ml
Xe-135	3.43e+02	5.77e+01	1.76e-01	5.98e-05	uc/ml
Xe-135m	4.03e+01	6.80e+00	2.18e-02	7.40e-06	uc/ml
Xe-138	1.19e+02	2.01e+01	6.45e-02	2.19e-05	uc/ml
I-131	4.97e+02	8.03e+01	1.34e-01	4.55e-08	uc/ml
I-132	5.44e+02	8.79e+01	1.47e-01	4.98e-08	uc/ml
I-133	9.69e+02	1.57e+02	2.61e-01	8.87e-08	uc/ml
I-134	5.65e+02	9.13e+01	1.52e-01	5.17e-08	uc/ml
I-135	8.04e+02	1.30e+02	2.17e-01	7.36e-08	uc/ml
Rb-88	2.03e+02	6.61e+01	1.50e-01	5.07e-09	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	2.36e-05	4.72e-06	5.29e-10	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	3.97e-05	8.35e-06	9.38e-10	0.00e+00	uc/ml
Ru-103	6.36e-06	1.35e-06	1.51e-10	0.00e+00	uc/ml
Ru-106	5.57e-03	4.97e-04	1.27e-07	0.00e+00	uc/ml
Te-129m	1.55e-01	2.72e-02	2.32e-07	0.00e+00	uc/ml
Te-131m	3.74e-01	6.54e-02	5.59e-07	0.00e+00	uc/ml
Te-132m	3.49e+00	6.11e-01	5.23e-06	2.62e-13	uc/ml
Sb-127	1.78e-01	3.11e-02	2.66e-07	0.00e+00	uc/ml
Sb-129	8.45e-01	1.48e-01	1.27e-06	0.00e+00	uc/ml
Cs-134	1.10e+02	1.92e+01	1.65e-04	8.25e-12	uc/ml
Cs-136	4.39e+01	7.68e+00	6.57e-05	3.29e-12	uc/ml
Cs-137	6.89e+01	1.20e+01	1.03e-04	5.16e-12	uc/ml
Cs-138	2.92e+02	5.03e+01	8.16e-02	2.77e-09	uc/ml
Ba-140	3.82e-05	8.08e-06	9.07e-10	0.00e+00	uc/ml
La-140	1.59e-05	3.32e-06	3.73e-10	0.00e+00	uc/ml
Ce-144	3.98e-06	8.43e-07	9.47e-11	0.00e+00	uc/ml
Np-239	7.94e-05	1.67e-05	1.87e-09	0.00e+00	uc/ml

N-G	2.57e+03	4.87e+02	1.52e+00	5.14e-04	uc/ml
Iodines	3.38e+03	5.46e+02	9.11e-01	3.09e-07	uc/ml
Part	7.23e+02	1.56e+02	2.32e-01	7.86e-09	uc/ml

D-E-I	7.09e+02	1.15e+02	1.91e-01	6.49e-08	uc/ml

Time: 10:45:01

Nuclear Chemistry at time: 11:00:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	1.88e+00	6.13e-01	2.17e-03	7.36e-07	uc/ml
Kr-85m	6.77e+01	2.21e+01	7.83e-02	2.66e-05	uc/ml
Kr-87	2.49e+02	3.43e+01	1.42e-01	4.81e-05	uc/ml
Kr-88	1.74e+02	5.68e+01	2.01e-01	6.82e-05	uc/ml
Xe-131m	3.34e+00	1.09e+00	3.86e-03	1.31e-06	uc/ml
Xe-133	1.64e+03	2.27e+02	9.35e-01	3.17e-04	uc/ml
Xe-133m	5.73e+01	7.90e+00	3.26e-02	1.11e-05	uc/ml
Xe-135	3.88e+02	5.33e+01	2.07e-01	7.03e-05	uc/ml
Xe-135m	2.26e+01	3.11e+00	1.29e-02	4.36e-06	uc/ml
Xe-138	6.28e+01	8.67e+00	3.58e-02	1.21e-05	uc/ml
I-131	5.47e+02	7.22e+01	1.53e-01	5.20e-08	uc/ml
I-132	5.56e+02	7.34e+01	1.56e-01	5.29e-08	uc/ml
I-133	1.06e+03	1.40e+02	2.97e-01	1.01e-07	uc/ml
I-134	5.10e+02	6.74e+01	1.43e-01	4.86e-08	uc/ml
I-135	8.62e+02	1.14e+02	2.4[illegible]-01	8.21e-08	uc/ml
Rb-88	1.95e+02	5.79e+01	1.72e-01	5.82e-09	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	2.72e-05	4.06e-06	5.24e-10	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	4.58e-05	7.28e-06	9.43e-10	0.00e+00	uc/ml
Ru-103	7.35e-06	1.18e-06	1.53e-10	0.00e+00	uc/ml
Ru-106	6.43e-03	3.95e-04	1.27e-07	0.00e+00	uc/ml
Te-129m	1 71e-01	2.44e-02	2.65e-07	0.00e+00	uc/ml
Te-131m	4.09e-01	5.85e-02	6.35e-07	0.00e+00	uc/ml
Te-132m	3.84e+00	5.48e-01	5.95e-06	2.89e-13	uc/ml
Sb-127	1.95e-01	2.79e-02	3.03e-07	0.00e+00	uc/ml
Sb-129	8.95e-01	1.28e-01	1.39e-06	0.00e+00	uc/ml
Cs-134	1.21e+02	1.73e+01	1.88e-04	9.12e-12	uc/ml
Cs-136	4.83e+01	6.91e+00	7.50e-05	3.64e-12	uc/ml
Cs-137	7.58e+01	1.08e+01	1.18e-04	5.71e-12	uc/ml
Cs-138	2.58e+02	3.63e+01	7.24e-02	2.46e-09	uc/ml
Ba-140	4.41e-05	7.06e-06	9.14e-10	0.00e+00	uc/ml
La-140	1.83e-05	2.89e-06	3.74e-10	0.00e+00	uc/ml
Ce-144	4.59e-06	7.37e-07	9.55e-11	0.00e+00	uc/ml
Np-239	9.16e-05	1.45e-05	1.88e-09	0.00e+00	uc/ml

N-G	2.67e+03	4.14e+02	1.65e+00	5.60e-04	uc/ml
Iodines	3.53e+03	4.67e+02	9.91e-01	3.36e-07	uc/ml
Part	7.04e+02	1.30e+02	2.44e-01	8.30e-09	uc/ml

D-E-I	7.77e+02	1.03e+02	2.18e-01	7.40e-08	uc/ml

Time: 11:00:00

Nuclear Chemistry at time: 11:15:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	1.51e+00	5.32e-01	2.30e-03	7.85e-07	uc/ml
Kr-85m	5.25e+01	1.85e+01	7.97e-02	2.73e-05	uc/ml
Kr-87	1.99e+02	2.67e+01	1.38e-01	4.73e-05	uc/ml
Kr-88	1.32e+02	4.63e+01	2.00e-01	6.84e-05	uc/ml
Xe-131m	2.69e+00	9.47e-01	4.08e-03	1.40e-06	uc/ml
Xe-133	1.50e+03	2.02e+02	1.05e+00	3.58e-04	uc/ml
Xe-133m	5.22e+01	7.01e+00	3.64e-02	1.24e-05	uc/ml
Xe-135	3.63e+02	4.85e+01	2.35e-01	8.03e-05	uc/ml
Xe-135m	1.05e+01	1.41e+00	7.32e-03	2.50e-06	uc/ml
Xe-138	2.75e+01	3.70e+00	1.92e-02	6.56e-06	uc/ml
I-131	5.00e+02	6.43e+01	1.66e-01	5.72e-08	uc/ml
I-132	4.72e+02	6.07e+01	1.56e-01	5.40e-08	uc/ml
I-133	9.60e+02	1.23e+02	3.19e-01	1.10e-07	uc/ml
I-134	3.83e+02	4.93e+01	1.27e-01	4.39e-08	uc/ml
I-135	7.69e+02	9.88e+01	2.55e-01	8.80e-08	uc/ml
Rb-88	1.53e+02	4.91e+01	1.84e-01	6.31e-09	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	2.96e-05	3.53e-06	5.17e-10	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	4.94e-05	6.41e-06	9.46e-10	0.00e+00	uc/ml
Ru-103	7.91e-06	1.04e-06	1.53e-10	0.00e+00	uc/ml
Ru-106	6.92e-03	3.30e-04	1.27e-07	0.00e+00	uc/ml
Te-129m	1.56e-01	2.18e-02	2.85e-07	0.00e+00	uc/ml
Te-131m	3.72e-01	5.18e-02	6.78e-07	1.03e-13	uc/ml
Te-132m	3.50e+00	4.87e-01	6.38e-06	9.71e-13	uc/ml
Sb-127	1.78e-01	2.48e-02	3.25e-07	0.00e+00	uc/ml
Sb-129	7.87e-01	1.10e-01	1.43e-06	2.18e-13	uc/ml
Cs-134	1.11e+02	1.54e+01	2.02e-04	3.07e-11	uc/ml
Cs-136	4.42e+01	6.15e+00	8.05e-05	1.23e-11	uc/ml
Cs-137	6.93e+01	9.65e+00	1.26e-04	1.92e-11	uc/ml
Cs-138	1.82e+02	2.49e+01	5.97e-02	2.06e-09	uc/ml
Ba-140	4.75e-05	6.22e-06	9.19e-10	0.00e+00	uc/ml
La-140	1.98e-05	2.54e-06	3.75e-10	0.00e+00	uc/ml
Ce-144	4.94e-06	6.50e-07	9.60e-11	0.00e+00	uc/ml
Np-239	9.88e-05	1.28e-05	1.89e-09	0.00e+00	uc/ml
N-G	2.34e+03	3.55e+02	1.77e+00	6.05e-04	uc/ml
Iodines	3.08e+03	3.97e+02	1.02e+00	3.53e-07	uc/ml
Part	5.64e+02	1.06e+02	2.45e-01	8.44e-09	uc/ml
D-E-I	7.08e+02	9.10e+01	2.35e-01	8.11e-08	uc/ml

Time: 11:15:00

Nuclear Chemistry at time: 11:30:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	1.11e+00	4.59e-01	2.39e-03	8.17e-07	uc/ml
Kr-85m	3.71e+01	1.53e+01	7.98e-02	2.73e-05	uc/ml
Kr-87	1.44e+02	2.01e+01	1.31e-01	4.48e-05	uc/ml
Kr-88	9.10e+01	3.76e+01	1.96e-01	6.70e-05	uc/ml
Xe-131m	1.97e+00	8.16e-01	4.25e-03	1.45e-06	uc/ml
Xe-133	1.25e+03	1.74e+02	1.13e+00	3.87e-04	uc/ml
Xe-133m	4.33e+01	6.03e+00	3.94e-02	1.34e-05	uc/ml
Xe-135	3.08e+02	4.27e+01	2.57e-01	8.78e-05	uc/ml
Xe-135m	4.43e+00	6.18e-01	4.03e-03	1.38e-06	uc/ml
Xe-138	1.10e+01	1.53e+00	9.98e-03	3.41e-06	uc/ml
I-131	4.15e+02	5.53e+01	1.74e-01	6.00e-08	uc/ml
I-132	3.64e+02	4.85e+01	1.52e-01	5.25e-08	uc/ml
I-133	7.91e+02	1.05e+02	3.32e-01	1.14e-07	uc/ml
I-134	2.61e+02	3.48e+01	1.10e-01	3.78e-08	uc/ml
I-135	6.22e+02	8.29e+01	2.61e-01	9.00e-08	uc/ml
Rb-88	1.08e+02	4.07e+01	1.90e-01	6.51e-09	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	3.02e-05	3.00e-06	5.11e-10	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	5.05e-05	5.55e-06	9.50e-10	0.00e+00	uc/ml
Ru-103	8.08e-06	9.02e-07	1.55e-10	0.00e+00	uc/ml
Ru-106	7.07e-03	2.86e-04	1.27e-07	0.00e+00	uc/ml
Te-129m	1.30e-01	1.88e-02	2.97e-07	0.00e+00	uc/ml
Te-131m	3.08e-01	4.45e-02	7.03e-07	0.00e+00	uc/ml
Te-132m	2.90e+00	4.20e-01	6.64e-06	0.00e+00	uc/ml
Sb-127	1.48e-01	2.14e-02	3.38e-07	0.00e+00	uc/ml
Sb-129	6.29e-01	9.10e-02	1.44e-06	0.00e+00	uc/ml
Cs-134	9.21e+01	1.33e+01	2.11e-04	0.00e+00	uc/ml
Cs-136	3.67e+01	5.31e+00	8.39e-05	0.00e+00	uc/ml
Cs-137	5.76e+01	8.34e+00	1.32e-04	0.00e+00	uc/ml
Cs-138	1.14e+02	1.62e+01	4.71e-02	1.63e-09	uc/ml
Ba-140	4.85e-05	5.40e-06	9.25e-10	0.00e+00	uc/ml
La-140	2.02e-05	2.20e-06	3.75e-10	0.00e+00	uc/ml
Ce-144	5.05e-06	5.55e-07	9.67e-11	0.00e+00	uc/ml
Np-239	1.01e-04	1.11e-05	1.89e-09	0.00e+00	uc/ml

N-G	1.89e+03	2.99e+02	1.86e+00	6.35e-04	uc/ml
Iodines	2.45e+03	3.27e+02	1.03e+00	3.55e-07	uc/ml
Part	4.13e+02	8.45e+01	2.38e-01	8.14e-09	uc/ml

D-E-I	5.86e+02	7.81e+01	2.46e-01	8.47e-08	uc/ml

Nuclear Chemistry at time: 11:45:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	8.15e-01	4.00e-C1	2.45e-03	8.49e-07	uc/ml
Kr-85m	2.62e+01	1.29e+01	7.88e-02	2.73e-05	uc/ml
Kr-87	1.04e+02	1.53e+01	1.21e-01	4.19e-05	uc/ml
Kr-88	6.28e+01	3.08e+01	1.89e-01	6.55e-05	uc/ml
Xe-131m	1.45e+00	7.11e-01	4.35e-03	1.51e-06	uc/ml
Xe-133	1.03e+03	1.52e+02	1.20e+00	4.15e-04	uc/ml
Xe-133m	3.55e+01	5.24e+00	4.16e-02	1.44e-05	uc/ml
Xe-135	2.59e+02	3.78e+01	2.74e-01	9.47e-05	uc/ml
Xe-135m	1.86e+00	2.74e-01	2.17e-03	7.51e-07	uc/ml
Xe-138	4.33e+00	6.39e-01	5.07e-03	1.75e-06	uc/ml
I-131	3.41e+02	4.82e+01	1.78e-01	6.28e-08	uc/ml
I-132	2.78e+02	3.92e+01	1.45e-01	5.10e-08	uc/ml
I-133	6.46e+02	9.11e+01	3.36e-01	1.19e-07	uc/ml
I-134	1.77e+02	2.49e+01	9.21e-02	3.25e-08	uc/ml
I-135	4.99e+02	7.04e+01	2.60e-01	9.18e-08	uc/ml
Rb-88	7.51e+01	3.38e+01	1.91e-01	6.63e-09	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	3.03e-05	2.59e-06	5.03e-10	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	5.06e-05	4.87e-06	9.50e-10	0.00e+00	uc/ml
Ru-103	8.10e-06	7.93e-07	1.55e-10	0.00e+00	uc/ml
Ru-106	7.09e-03	2.50e-04	1.27e-07	0.00e+00	uc/ml
Te-129m	1.07e-01	1.64e-02	3.01e-07	0.00e+00	uc/ml
Te-131m	2.52e-01	3.86e-02	7.08e-07	2.24e-13	uc/ml
Te-132m	2.39e+00	3.66e-01	6.71e-06	2.12e-12	uc/ml
Sb-127	1.22e-01	1.87e-02	3.42e-07	1.08e-13	uc/ml
Sb-129	4.98e-01	7.63e-02	1.40e-06	4.42e-13	uc/ml
Cs-134	7.59e+01	1.16e+01	2.13e-04	6.74e-11	uc/ml
Cs-136	3.02e+01	4.63e+00	8.50e-05	2.68e-11	uc/ml
Cs-137	4.75e+01	7.27e+00	1.33e-04	4.22e-11	uc/ml
Cs-138	6.97e+01	1.05e+01	3.61e-02	1.28e-09	uc/ml
Ba-140	4.86e-05	4.75e-06	9.26e-10	0.00e+00	uc/ml
La-140	2.02e-05	1.92e-06	3.75e-10	0.00e+00	uc/ml
Ce-144	5.06e-06	4.97e-07	9.69e-11	0.00e+00	uc/ml
Np-239	1.01e-04	9.70e-06	1.89e-09	0.00e+00	uc/ml

N-G	1.52e+03	2.56e+02	1.92e+00	6.63e-04	uc/ml
Iodines	1.94e+03	2.74e+02	1.01e+00	3.57e-07	uc/ml
Part	3.02e+02	6.84e+01	2.27e-01	8.05e-09	uc/ml

D-E-I	4.80e+02	6.78e+01	2.50e-01	8.83e-08	uc/ml

Nuclear Chemistry at time: 12:00:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	4.80e-01	3.55e-01	2.50e-03	8.87e-07	uc/ml
Kr-85m	1.48e+01	1.10e+01	7.73e-02	2.75e-05	uc/ml
Kr-87	7.49e+01	1.23e+01	1.11e-01	3.92e-05	uc/ml
Kr-88	3.48e+01	2.57e+01	1.81e-01	6.44e-05	uc/ml
Xe-131m	8.52e-01	6.30e-01	4.44e-03	1.58e-06	uc/ml
Xe-133	8.52e+02	1.40e+02	1.26e+00	4.44e-04	uc/ml
Xe-133m	2.94e+01	4.81e+00	4.37e-02	1.53e-05	uc/ml
Xe-135	2.18e+02	3.54e+01	2.90e-01	1.02e-04	uc/ml
Xe-135m	7.82e-01	1.28e-01	1.16e-03	4.09e-07	uc/ml
Xe-138	1.72e+00	2.82e-01	2.56e-03	8.99e-07	uc/ml
I-131	2.83e+02	4.43e+01	1.86e-01	6.82e-08	uc/ml
I-132	2.14e+02	3.35e+01	1.41e-01	5.15e-08	uc/ml
I-133	5.31e+02	8.32e+01	3.50e-01	1.28e-07	uc/ml
I-134	1.20e+02	1.88e+01	7.92e-02	2.90e-08	uc/ml
I-135	4.03e+02	6.32e+01	2.66e-01	9.73e-08	uc/ml
Rb-88	4.47e+01	2.85e+01	1.88e-01	6.70e-09	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	3.00e-05	2.45e-06	4.98e-10	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	5.00e-05	4.63e-06	9.54e-10	0.00e+00	uc/ml
Ru-103	8.01e-06	7.55e-07	1.56e-10	0.00e+00	uc/ml
Ru-106	7.00e-03	2.21e-04	1.27e-07	0.00e+00	uc/ml
Te-129m	8.88e-02	1.51e-02	3.15e-07	1.84e-13	uc/ml
Te-131m	2.08e-01	3.53e-02	7.37e-07	4.30e-13	uc/ml
Te-132m	1.98e+00	3.36e-01	7.01e-06	4.09e-12	uc/ml
Sb-127	1.01e-01	1.71e-02	3.58e-07	2.09e-13	uc/ml
Sb-129	3.97e-01	6.76e-02	1.41e-06	8.23e-13	uc/ml
Cs-134	6.30e+01	1.07e+01	2.23e-04	1.30e-10	uc/ml
Cs-136	2.51e+01	4.26e+00	8.89e-05	5.19e-11	uc/ml
Cs-137	3.94e+01	6.70e+00	1.40e-04	8.15e-11	uc/ml
Cs-138	4.25e+01	7.12e+00	2.71e-02	1.00e-09	uc/ml
Ba-140	4.80e-05	4.52e-06	9.32e-10	0.00e+00	uc/ml
La-140	2.00e-05	1.83e-06	3.76e-10	0.00e+00	uc/ml
Ce-144	5.00e-06	4.73e-07	9.76e-11	0.00e+00	uc/ml
Np-239	1.00e-04	9.22e-06	1.90e-09	0.00e+00	uc/ml
N-G	1.23e+03	2.30e+02	1.98e+00	6.96e-04	uc/ml
Iodines	1.55e+03	2.43e+02	1.02e+00	3.74e-07	uc/ml
Part	2.17e+02	5.77e+01	2.16e-01	7.97e-09	uc/ml
D-E-I	3.96e+02	6.21e+01	2.61e-01	9.56e-08	uc/ml

Nuclear Chemistry at time: 12:15:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	3.21e-01	3.12e-01	2.53e-03	9.14e-07	uc/ml
Kr-85m	9.55e+00	9.28e+00	7.52e-02	2.72e-05	uc/ml
Kr-87	5.73e+01	9.56e+00	1.01e-01	3.61e-05	uc/ml
Kr-88	2.19e+01	2.13e+01	1.72e-01	6.24e-05	uc/ml
Xe-131m	5.69e-01	5.54e-01	4.49e-03	1.62e-06	uc/ml
Xe-133	7.47e+02	1.24e+02	1.32e+00	4.69e-04	uc/ml
Xe-133m	2.57e+01	4.28e+00	4.54e-02	1.62e-05	uc/ml
Xe-135	1.94e+02	3.21e+01	3.03e-01	1.08e-04	uc/ml
Xe-135m	3.49e-01	5.81e-02	6.16e-04	2.20e-07	uc/ml
Xe-138	7.23e-01	1.20e-01	1.28e-03	4.55e-07	uc/ml
I-131	2.48e+02	3.95e+01	1.91e-01	7.19e-08	uc/ml
I-132	1.74e+02	2.78e+01	1.34e-01	5.04e-08	uc/ml
I-133	4.62e+02	7.36e+01	3.55e-01	1.34e-07	uc/ml
I-134	8.65e+01	1.38e+01	6.66e-02	2.51e-08	uc/ml
I-135	3.44e+02	5.49e+01	2.65e-01	9.99e-08	uc/ml
Rb-88	2.91e+01	2.36e+01	1.83e-01	6.63e-09	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	2.95e-05	2.20e-06	4.91e-10	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	4.92e-05	4.22e-06	9.55e-10	0.00e+00	uc/ml
Ru-103	7.88e-06	6.91e-07	1.56e-10	0.00e+00	uc/ml
Ru-106	6.89e-03	1.94e-04	1.27e-07	0.00e+00	uc/ml
Te-129m	7.80e-02	1.35e-02	3.21e-07	2.58e-13	uc/ml
Te-131m	1.81e-01	3.14e-02	7.48e-07	6.01e-13	uc/ml
Te-132m	1.73e+00	2.99e-01	7.14e-06	5.74e-12	uc/ml
Sb-127	8.84e-02	1.53e-02	3.64e-07	2.93e-13	uc/ml
Sb-129	3.35e-01	5.80e-02	1.38e-06	1.11e-12	uc/ml
Cs-134	5.53e+01	9.55e+00	2.28e-04	1.83e-10	uc/ml
Cs-136	2.20e+01	3.80e+00	9.07e-05	7.29e-11	uc/ml
Cs-137	3.46e+01	5.98e+00	1.43e-04	1.15e-10	uc/ml
Cs-138	2.73e+01	4.65e+00	2.01e-02	7.67e-10	uc/ml
Ba-140	4.73e-05	4.13e-06	9.35e-10	0.00e+00	uc/ml
La-140	1.97e-05	1.66e-06	3.76e-10	0.00e+00	uc/ml
Ce-144	4.92e-06	4.32e-07	9.80e-11	0.00e+00	uc/ml
Np-239	9.84e-05	8.41e-06	1.90e-09	0.00e+00	uc/ml
N-G	1.06e+03	2.02e+02	2.02e+00	7.22e-04	uc/ml
Iodines	1.31e+03	2.10e+02	1.01e+00	3.81e-07	uc/ml
Part	1.71e+02	4.80e+01	2.03e-01	7.78e-09	uc/ml
D-E-I	3.46e+02	5.52e+01	2.66e-01	1.00e-07	uc/ml

Nuclear Chemistry at time: 12:30:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	2.51e-01	2.73e-01	2.55e-03	9.36e-07	uc/ml
Kr-85m	7.19e+00	7.83e+00	7.30e-02	2.68e-05	uc/ml
Kr-87	3.98e+01	7.46e+00	9.14e-02	3.29e-05	uc/ml
Kr-88	1.61e+01	1.76e+01	1.64e-01	6.01e-05	uc/ml
Xe-131m	4.46e-01	4.85e-01	4.52e-03	1.66e-06	uc/ml
Xe-133	5.94e+02	1.11e+02	1.36e+00	4.89e-04	uc/ml
Xe-133m	2.04e+01	3.81e+00	4.67e-02	1.68e-05	uc/ml
Xe-135	1.57e+02	2.91e+01	3.14e-01	1.14e-04	uc/ml
Xe-135m	1.41e-01	2.64e-02	3.24e-04	1.17e-07	uc/ml
Xe-138	2.76e-01	5.16e-02	6.32e-04	2.28e-07	uc/ml
I-131	1.97e+02	3.53e+01	1.95e-01	7.52e-08	uc/ml
I-132	1.29e+02	2.30e+01	1.27e-01	4.89e-08	uc/ml
I-133	3.64e+02	6.52e+01	3.61e-01	1.39e-07	uc/ml
I-134	5.65e+01	1.01e+01	5.59e-02	2.16e-08	uc/ml
I-135	2.67e+02	4.78e+01	2.64e-01	1.02e-07	uc/ml
Rb-88	2.05e+01	1.95e+01	1.76e-01	6.48e-09	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	2.96e-05	2.01e-06	4.84e-10	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	4.93e-05	3.90e-06	9.57e-10	0.00e+00	uc/ml
Ru-103	7.89e-06	6.38e-07	1.57e-10	0.00e+00	uc/ml
Ru-106	6.91e-03	1.71e-04	1.27e-07	0.00e+00	uc/ml
Te-129m	6.21e-02	1.21e-02	3.28e-07	3.23e-13	uc/ml
Te-131m	1.44e-01	2.79e-02	7.59e-07	7.48e-13	uc/ml
Te-132m	1.38e+00	2.67e-01	7.27e-06	7.16e-12	uc/ml
Sb-127	7.03e-02	1.36e-02	3.71e-07	3.66e-13	uc/ml
Sb-129	2.57e-01	4.99e-02	1.36e-06	1.34e-12	uc/ml
Cs-134	4.40e+01	8.55e+00	2.33e-04	2.29e-10	uc/ml
Cs-136	1.75e+01	3.40e+00	9.25e-05	9.12e-11	uc/ml
Cs-137	2.75e+01	5.34e+00	1.45e-04	1.43e-10	uc/ml
Cs-138	1.59e+01	3.03e+00	1.48e-02	5.81e-10	uc/ml
Ba-140	4.74e-05	3.82e-06	9.38e-10	0.00e+00	uc/ml
La-140	1.97e-05	1.53e-06	3.76e-10	0.00e+00	uc/ml
Ce-144	4.93e-06	4.00e-07	9.84e-11	0.00e+00	uc/ml
Np-239	9.87e-05	7.76e-06	1.90e-09	0.00e+00	uc/ml
N-G	8.36e+02	1.78e+02	2.06e+00	7.42e-04	uc/ml
Iodines	1.01e+03	1.81e+02	1.00e+00	3.87e-07	uc/ml
Part	1.27e+02	4.02e+01	1.91e-01	7.53e-09	uc/ml
D-E-I	2.74e+02	4.91e+01	2.72e-01	1.05e-07	uc/ml

Nuclear Chemistry at time: 12:45:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	2.18e-01	2.40e-01	2.57e-03	9.55e-07	uc/ml
Kr-85m	6.01e+00	6.62e+00	7.07e-02	2.63e-05	uc/ml
Kr-87	2.77e+01	5.89e+00	8.19e-02	2.98e-05	uc/ml
Kr-88	1.32e+01	1.45e+01	1.55e-01	5.77e-05	uc/ml
Xe-131m	3.87e-01	4.26e-01	4.55e-03	1.69e-06	uc/ml
Xe-133	4.74e+02	1.01e+02	1.39e+00	5.06e-04	uc/ml
Xe-133m	1.62e+01	3.44e+00	4.79e-02	1.74e-05	uc/ml
Xe-135	1.27e+02	2.66e+01	3.23e-01	1.18e-04	uc/ml
Xe-135m	5.72e-02	1.22e-02	1.69e-04	6.15e-08	uc/ml
Xe-138	1.05e-01	2.24e-02	3.11e-04	1.13e-07	uc/ml
I-131	1.57e+02	3.19e+01	2.00e-01	7.85e-08	uc/ml
I-132	9.51e+01	1.94e+01	1.21e-01	4.74e-08	uc/ml
I-133	2.88e+02	5.86e+01	3.67e-01	1.44e-07	uc/ml
I-134	3.69e+01	7.51e+00	4.71e-02	1.85e-08	uc/ml
I-135	2.07e+02	4.22e+01	2.64e-01	1.04e-07	uc/ml
Rb-88	1.62e+01	1.62e+01	1.68e-01	6.27e-09	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	2.97e-05	1.92e-06	4.79e-10	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	4.95e-05	3.74e-06	9.61e-10	0.00e+00	uc/ml
Ru-103	7.92e-06	6.13e-07	1.58e-10	0.00e+00	uc/ml
Ru-106	6.93e-03	1.51e-04	1.27e-07	0.00e+00	uc/ml
Te-129m	4.95e-02	1.09e-02	3.36e-07	3.80e-13	uc/ml
Te-131m	1.14e-01	2.51e-02	7.73e-07	8.75e-13	uc/ml
Te-132m	1.10e+00	2.41e-01	7.43e-06	8.41e-12	uc/ml
Sb-127	5.60e-02	1.23e-02	3.80e-07	4.30e-13	uc/ml
Sb-129	1.97e-01	4.34e-02	1.34e-06	1.51e-12	uc/ml
Cs-134	3.51e+01	7.74e+00	2.38e-04	2.70e-10	uc/ml
Cs-136	1.40e+01	3.08e+00	9.48e-05	1.07e-10	uc/ml
Cs-137	2.20e+01	[illegible].84e+00	1.49e-04	1.69e-10	uc/ml
Cs-138	9.20e+00	2.00e+00	1.09e-02	4.35e-10	uc/ml
Ba-140	4.75e-05	3.66e-06	9.44e-10	0.00e+00	uc/ml
La-140	1.98e-05	1.47e-06	3.76e-10	0.00e+00	uc/ml
Ce-144	4.95e-06	3.84e-07	9.90e-11	0.00e+00	uc/ml
Np-239	9.90e-05	7.44e-06	1.91e-09	0.00e+00	uc/ml

N-G	6.64e+02	1.58e+02	2.08e+00	7.59e-04	uc/ml
Iodines	7.84e+02	1.60e+02	9.98e-01	3.92e-07	uc/ml
Part	9.80e+01	3.42e+01	1.80e-01	7.27e-09	uc/ml

D-E-I	2.18e+02	4.43e+01	2.77e-01	1.09e-07	uc/ml

Nuclear Chemistry at time: 13:00:00

ISOTOPE	RCS	CNMTSUMP	CTMTATMS	PVS	UNITS
Kr-85	1.97e-01	2.17e-01	2.58e-03	9.69e-07	uc/ml
Kr-85m	5.25e+00	5.79e+00	6.90e-02	2.59e-05	uc/ml
Kr-87	2.09e+01	4.87e+00	7.48e-02	2.73e-05	uc/ml
Kr-88	1.13e+01	1.25e+01	1.48e-01	5.58e-05	uc/ml
Xe-131m	3.48e-01	3.84e-01	4.57e-03	1.72e-06	uc/ml
Xe-133	3.98e+02	9.28e+01	1.42e+00	5.18e-04	uc/ml
Xe-133m	1.36e+01	3.16e+00	4.86e-02	1.77e-05	uc/ml
Xe-135	1.07e+02	2.48e+01	3.28e-01	1.21e-04	uc/ml
Xe-135m	2.80e-02	6.53e-03	1.00e-04	3.67e-08	uc/ml
Xe-138	7.25e-02	1.15e-02	1.76e-04	6.44e-08	uc/ml
I-131	1.32e+02	2.94e+01	2.03e-01	8.08e-08	uc/ml
I-132	7.53e+01	1.68e+01	1.15e-01	4.60e-08	uc/ml
I-133	2.40e+02	5.36e+01	3.70e-01	1.47e-07	uc/ml
I-134	2.65e+01	5.91e+00	4.09e-02	1.63e-08	uc/ml
I-135	1.70e+02	3.80e+01	2.63e-01	1.05e-07	uc/ml
Rb-88	1.37e+01	1.39e+01	1.62e-01	6.09e-09	uc/ml
Sr-89	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-90	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Sr-91	2.97e-05	1.86e-06	4.75e-10	0.00e+00	uc/ml
Y-91	0.00e+00	0.00e+00	0.00e+00	0.00e+00	uc/ml
Mo-99	4.96e-05	3.63e-06	9.64e-10	0.00e+00	uc/ml
Ru-103	7.94e-06	5.96e-07	1.59e-10	0.00e+00	uc/ml
Ru-106	6.95e-03	1.37e-04	1.27e-07	0.00e+00	uc/ml
Te-129m	4.17e-02	1.01e-02	3.42e-07	4.22e-13	uc/ml
Te-131m	9.54e-02	2.31e-02	7.83e-07	9.66e-13	uc/ml
Te-132m	9.20e-01	2.22e-01	7.55e-06	9.31e-12	uc/ml
Sb-127	4.70e-02	1.14e-02	3.86e-07	4.76e-13	uc/ml
Sb-129	1.61e-01	3.88e-02	1.32e-06	1.63e-12	uc/ml
Cs-134	2.96e+01	7.14e+00	2.42e-04	2.99e-10	uc/ml
Cs-136	1.17e+01	2.84e+00	9.63e-05	1.19e-10	uc/ml
Cs-137	1.85e+01	4.46e+00	1.52e-04	1.87e-10	uc/ml
Cs-138	5.99e+00	1.43e+00	8.44e-03	3.44e-10	uc/ml
Ba-140	4.76e-05	3.56e-06	9.48e-10	0.00e+00	uc/ml
La-140	1.98e-05	1.43e-06	3.77e-10	0.00e+00	uc/ml
Ce-144	4.96e-06	3.73e-07	9.95e-11	0.00e+00	uc/ml
Np-239	9.92e-05	7.23e-06	1.91e-09	0.00e+00	uc/ml
N-G	5.57e+02	1.44e+02	2.09e+00	7.69e-04	uc/ml
Iodines	6.44e+02	1.44e+02	9.93e-01	3.95e-07	uc/ml
Part	8.08e+01	3.01e+01	1.71e-01	7.05e-09	uc/ml
D-E-I	1.82e+02	4.07e+01	2.81e-01	1.12e-07	uc/ml

RCS CHEMISTRY DATA PRIOR TO 1000

TIME	BORON (ppm)	pH @ 25°C	Cl (ppm)	H2 (cc/kg)
700	810	6.65	<0.020	29.2
715	814	6.62	<0.020	30.0
730	823	6.60	<0.020	29.7
745	805	6.67	<0.020	29.4
800	809	6.65	<0.020	29.1
815	800	6.70	<0.020	29.1
830	795	6.72	<0.020	29.0
845	790	6.75	<0.020	28.7
900	803	6.65	<0.020	28.8
915	811	6.59	<0.020	29.1
930	815	6.58	<0.020	28.8
945	832	6.55	<0.020	29.3

NOTE: INITIAL DATA BASED ON:

RCS: pH	-	6.65	RWST: pH	-	4.65
Boron	-	810 ppm	Boron	-	2410 ppm
Cl	-	< 0.020 ppm	Cl	-	< 0.020 ppm

CONTAINMENT SUMP CHEMISTRY DATA

TIME	BORON (ppm)	pH @ 25°C	Cl (ppm)	H2 (cc/kg)
1000	1682	7.78	0.055	18.2
1015	1883	8.10	0.060	13.4
1030	2009	8.39	0.177	9.8
1045	2087	8.94	0.197	4.4
1100	2139	9.54	0.220	1.3
1115	2177	9.87	0.245	1.2
1130	2196	9.85	0.273	1.1
1145	2202	9.87	0.304	1.0
1200	2220	9.89	0.338	0.9
1215	2214	9.91	0.377	0.8
1230	2192	9.88	0.420	0.7
1245	2180	9.87	0.468	0.6
1300	2207	9.84	0.521	0.5

NOTE: INITIAL DATA BASED ON:

RCS:	pH - 6.65		RWST:	pH - 4.65
	Boron - 810 ppm			Boron - 2410 ppm
	Cl - < 0.020 ppm			Cl - < 0.020 ppm

CTMT SUMP LEVEL

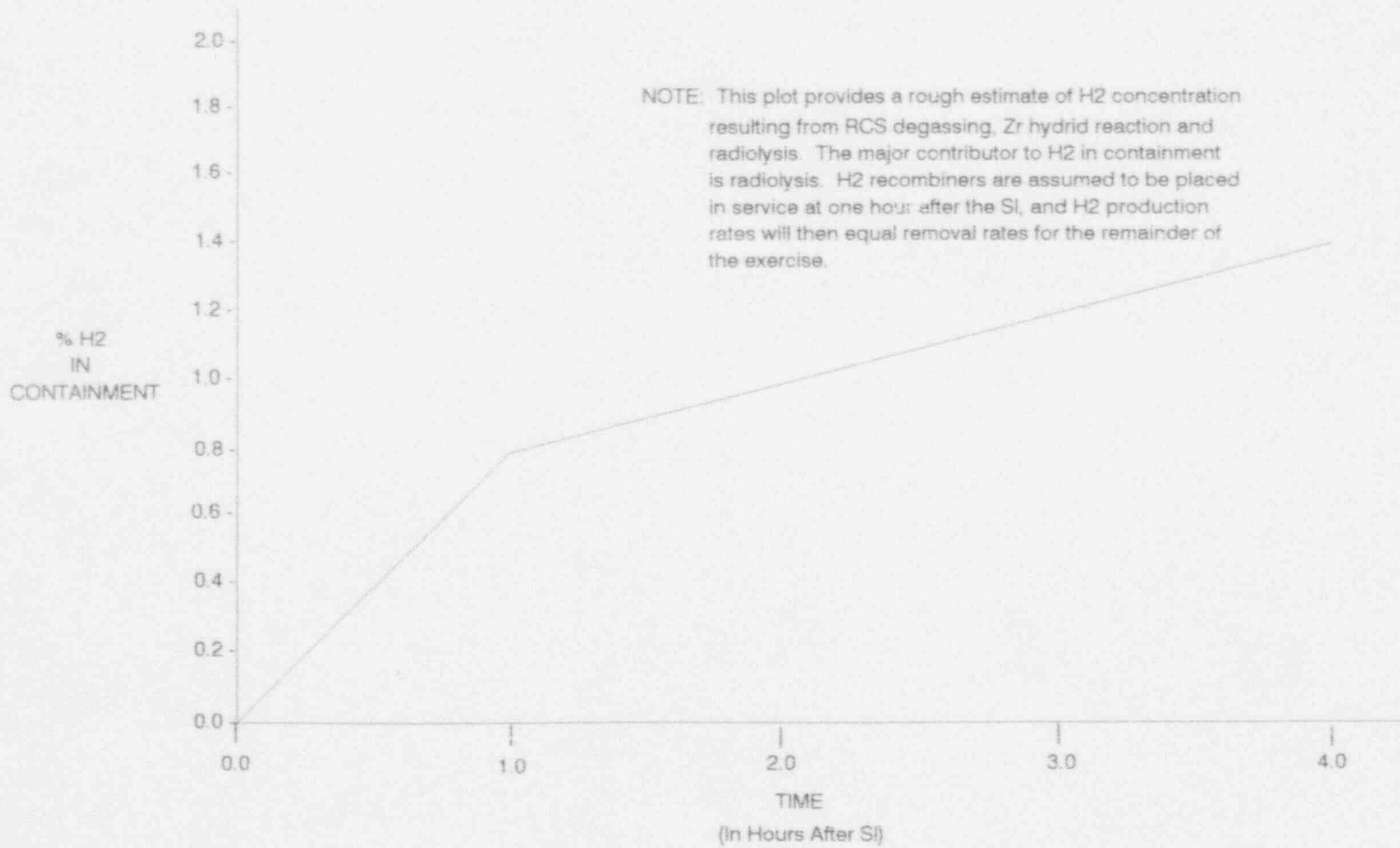
2-72

CTMT SUMP LEVEL

TIME	ECCS SUMP FEET	ECCS SUMP GALLONS	ECCS SUMP ML
09:45	0.0	0	0.00 E+00
10:00	1.0	81914	3.10 E+08
10:15	1.7	139247	5.27 E+08
10:30	2.4	196584	7.44 E+08
10:45	3.3	270303	1.02 E+09
11:00	4.1	335831	1.27 E+09
11:15	4.9	401359	1.52 E+09
11:30	5.4	442314	1.67 E+09
11:45	5.6	458696	1.74 E+09
12:00	5.6	456896	1.74 E+09
12:15	5.6	456896	1.74 E+09
12:30	5.6	456896	1.74 E+09
12:45	5.6	456896	1.74 E+09
13:00	5.6	456896	1.74 E+09

(3.1004785 E08 ml/ft)

CTMT ATMOSPHERE HYDROGEN CONCENTRATION GRAPH


NOTE: This plot provides a rough estimate of H2 concentration resulting from RCS degassing, Zr hydrid reaction and radiolysis. The major contributor to H2 in containment is radiolysis. H2 recombiners are assumed to be placed in service at one hour after the SI, and H2 production rates will then equal removal rates for the remainder of the exercise.
% H2
IN
CONTAINMENT
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.0
1.0
2.0
3.0
4.0
TIME
(In Hours After SI)

CONTROL ROOM
DRILL GUIDE

CONTROL ROOM
CONTROLLER CARDS

CONTROL ROOM CONTROLLER CARDS

06:45 Crew brief for any last minute details prior to the start of the drill.

06:45 Provide the control room staff with the list of annunciators that are in alarm:

BB4 CTMT CLR SW DISCH VLV CLOSED
BH4 ESS VALVES OFF NORMAL
BJ5 ESS VALVES OFF NORMAL
BK1 PENE RM TO ATMOS A TRN DP HI-LO
BK2 PENE RM TO ATMOS A TRN DP HI-LO
CF5 1B RHR HX OUTLET FLOW LO
FD1 IR HI FLUX AUTO/MAN RODSTOP
FB2 NI-35 LOSS OF COMPENSATING VOLTAGE

07:00 Control room crew on station

07:00 Containment airlock maintenance team on station.

07:00 Containment airlock maintenance team reports to the control room that the unit 1 containment outer airlock is damaged and will not close to meet containment integrity. See the AIRLOCK SCENARIO for details.

07:15 A System operator makes the following report to the control room:

A popping noise was coming from the 1A RHR PUMP breaker and an insulation smell. The popping sound has stopped and the breaker indication light is now out. There is no indication of smoke or fire coming from the breaker at this time.
See the RHR BREAKER SCENARIO for further details.

07:15+ When the control room operator checks the 1A RHR pump breaker the indicating lights are out.

07:55 from the AIRLOCK SCENARIO the outer airlock door is repaired and is now operable.

08:00 See the RHR HEAT EXCHANGER SCENARIO for control information outside the control room

08:02 FH1 RMS HI RAD alarm comes in. When RMS panel is checked R-10 Penetration room rad monitor is in alarm

08:05 BE5 BOP PANELS ALARM comes in. When the BOP is checked NF2 RHR HX RM SUMP LVL HI-HI OR TRBLE alarm has come in alarm.

CONTROL ROOM CONTROLLER CARDS

08:05+	When the RHR HX sump pumps are checked they are not in pull to lock but did not start automatically. The pumps will start if manually started.
08:05+	When RHR HX sump pumps are started, NF2 RHR HX RM SUMP LVL HI-HI OR TRBLE alarm clears.
08:05+	CF5 1B RHR HX OUTLET FLOW LO clears when the 1B RHR pump is stopped.
08:05+	BJ5 ESS VALVES OFF NORMAL alarm comes in when the 1B RHR system is isolated from the control board.
09:45	GB2 **FIRST OUT** PRZR LO PRESS RX TRIP GB4 PRZR LO PRESS RX TRIP SI
09:45+	Provide the following information to the operators as they perform immediate actions following the SI: • Containment Fan Coolers 1B and 1C tripped on fault when Safety injection tried to start them in slow speed. See CONTAINMENT FAN COOLER SCENARIO for control details outside the control room. • The TDAFW pump failed to come up to speed during the Safety injection. See the TDAFW PUMP SCENARIO for control details outside the control room. • The following equipment was tagged out or failed to operate during the Safety Injection: 1A RHR PUMP 1B RHR PUMP 1B CONTAINMENT SPRAY 1B CONTAINMENT FAN COOLER 1C CONTAINMENT FAN COOLER 1D CONTAINMENT FAN COOLER 1A MDAFW PUMP TDAFW
09:48	EE1 CTMT PRESS HI-1 ALERT EE2 CTMT PRESS HI-2 ALERT EE3 CTMT PRESS HI-3 ALERT EE4 CS ACTUATION EE5 CTMT ISO PH B JH1 1A SG MSIV CLOSED JH2 1B SG MSIV CLOSED JH3 1C SG MSIV CLOSED

CONTROL ROOM CONTROLLER CARDS

09:50	ANNUNCIATORS IN ALARM 5 MINUTES AFTER SI HAS OCCURRED
	PROVIDE THE CREW WITH THE ANNUNCIATOR PANEL DRAWINGS FOR 0950
09:52	CD1 1A ACCUM PRESS HI-LO CD2 1B ACCUM PRESS HI-LO CD3 1C ACCUM PRESS HI-LO HA4 PRZR SAFETY VLV TEMP HI HA5 PRZR PORV TEMP HI
09:54	CC1 1A ACCUM LVL HI-LO CC2 1B ACCUM LVL HI-LO CC3 1C ACCUM LVL HI-LO EG4 RWST MIN TECH SPEC LVL A TRN EH4 RWST MIN TECH SPEC LVL B TRN
09:55	FA1 SR HI FLUX AT S/D FA3 SR LOSS OF DETECTOR VOLTAGE clear
09:57	CA5 SPR ADD TK LVL LO
09:59	DC3 RCP #1 SEAL LO DP
10:02	DC1 RCP #1 SEAL LKOF FLOW LO FA1 SR HI FLUX AT S/D clears JA4 MS LINE PRESS LO ALERT JD5 HI STM FLOW & LO-LO TAVG OR LO STM PRESS STM LINE ISO
10:10	CH1 EXC LTDN HX OUTLRT TEMP HI
10:13	THE TAGS HAVE BEEN CLEARED AND THE 1A RHR PUMP IS NOW STARTED. (IF THE REMOVAL OF TAGS IS STILL IN PROGRESS INFORM THE CONTROL ROOM TO CONTINUE TO REMOVE THE TAGS BUT THAT THE DATA WILL SHOW THE PUMP RUNNING NORMALLY)
10:13	EE3 CTMT PRESS HI 3 ALERT CLEARS
10:17	JC1 1A SG LO-LO LVL ALERT clear JC2 1C SG LO-LO LVL ALERT clear JC3 1C SG LO-LO LVL ALERT clear
10:20	JA1 1A SG LO LVL ALERT clear JA3 1C SG LO LVL ALERT clear

CONTROL ROOM CONTROLLER CARDS

10:23 JF1 1A SG LEVEL DEV
JF3 1C SG LEVEL DEV
EE2 CTMT PRESS HI-2 ALERT CLEARS

EE5 CTMT ISO PH B clears when phase B is reset
BJ3 ESS VALVES OFF NORMAL alarms when accumulator valves closed

10:28 JF2 1A SG LEVEL DEV clears

HA3/HB2 PRZR LEVEL LO, B/U HTRS OFF, LTDN SEC/PRZR LEVEL DEV LO clear
HA2 PRZR LEVEL DEV HI B/U HTRS ON alarms
as pzr level incresae during pressure reduction

10:45 FH1 RMS HI RAD, R21,22,14,10 alarm see CONTAINMENT LEAK SCENARIO for control details outside the control room.

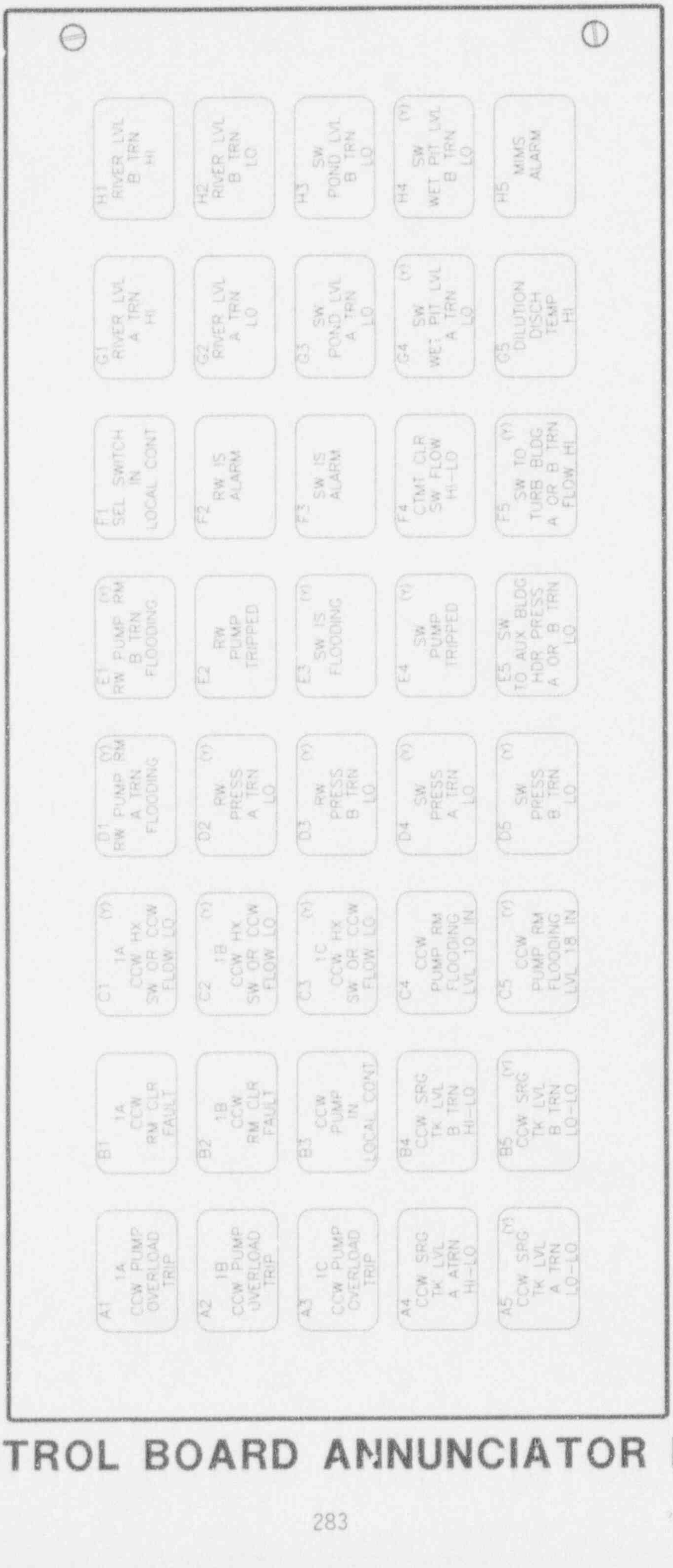
1106 CF4 1A RHR HX OUTLET FLOW LOW clears
CH2/CH3 RWST LEVEL A/B TRN LO

11:12 FH1 RMS HI RAD, R4 alarms when in recirc

11:23 EE1 CTMT PRESS HI-1 ALERT clears

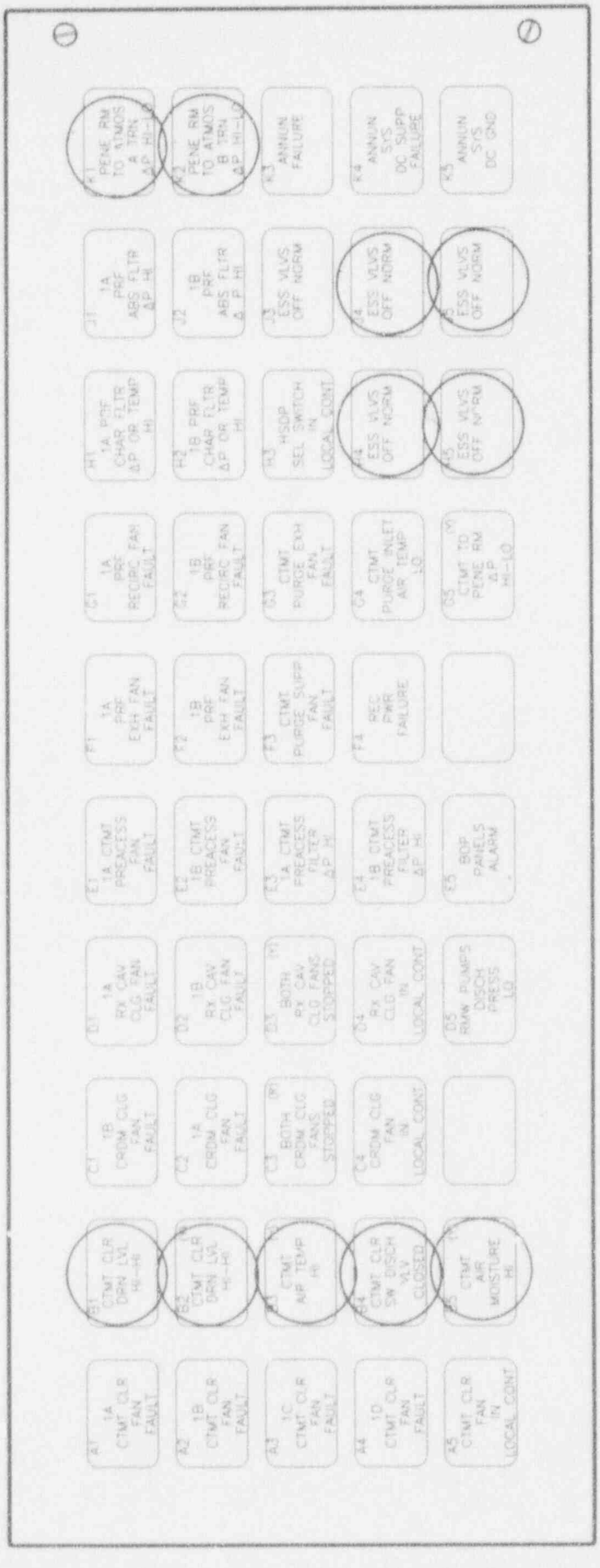
11:38 CH4/CH5 RWST LEVEL A/B TRN LO-LO

MAIN CONTROL BOARD
ANNUNCIATOR PANELS

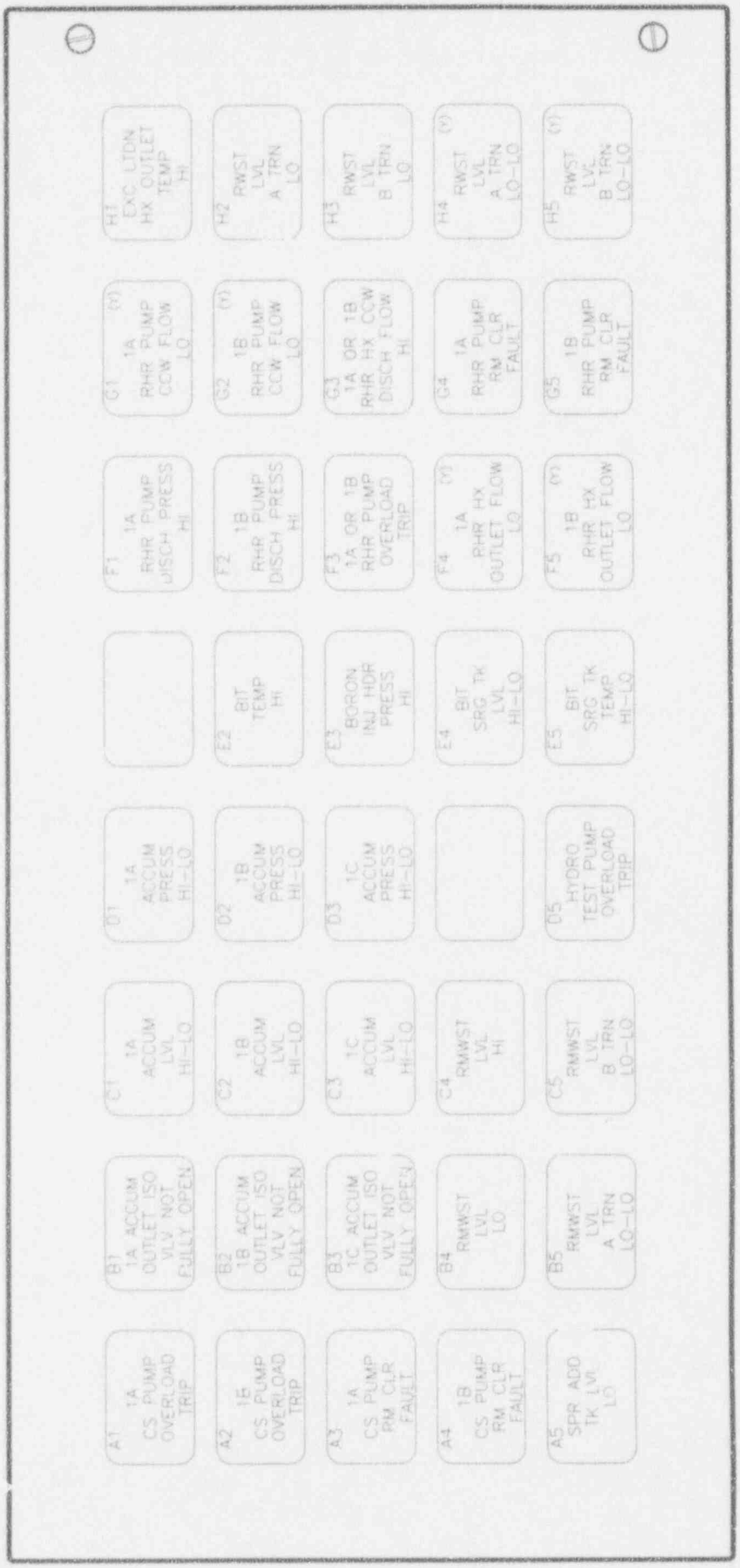


MAIN CONTROL BOARD ANNUNCIATOR PANEL "A"

.36" = 1"



MAIN CONTROL BOARD ANNUNCIATOR PANEL "B"

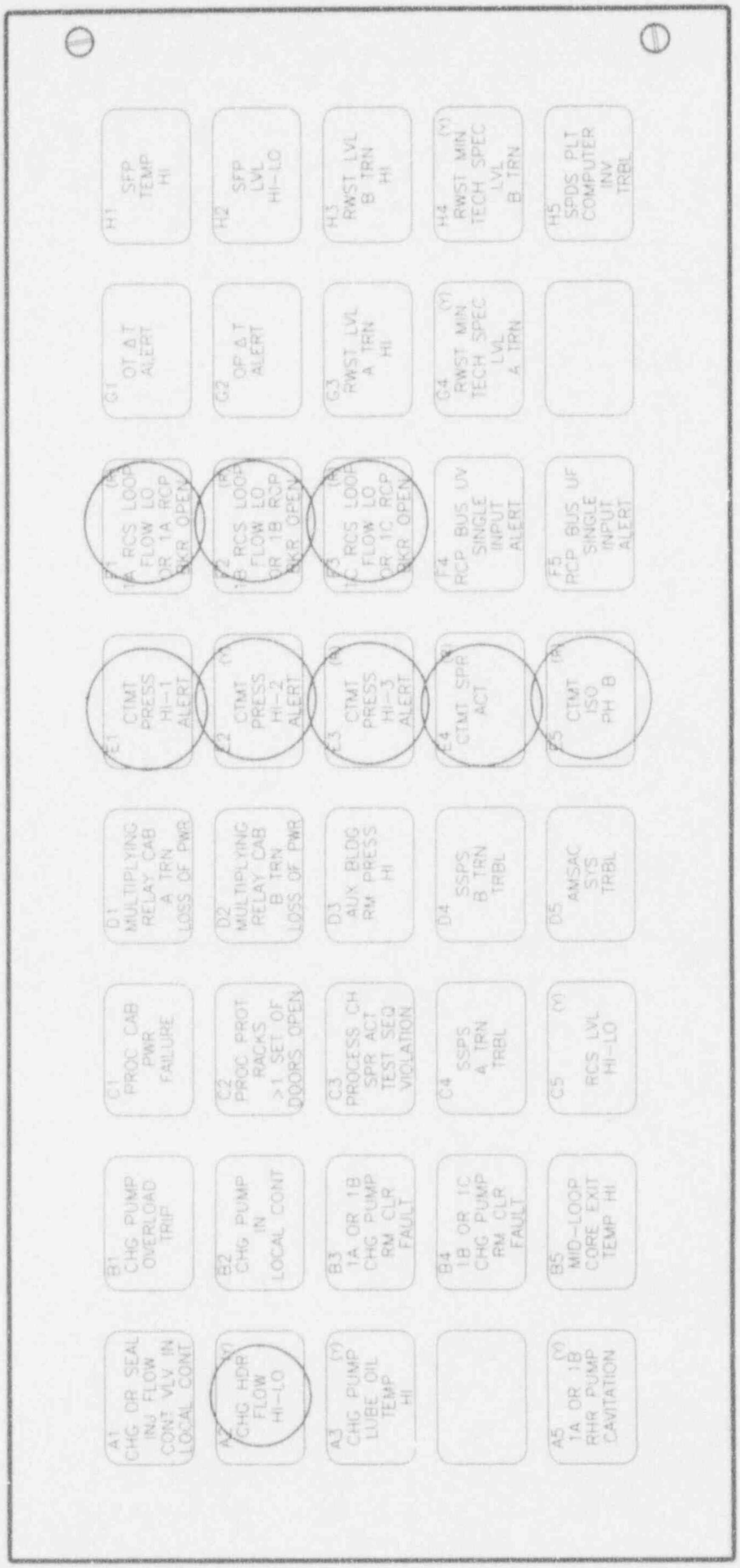


MAIN CONTROL BOARD ANNUNCIATOR PANEL "C"

.36" = 1"

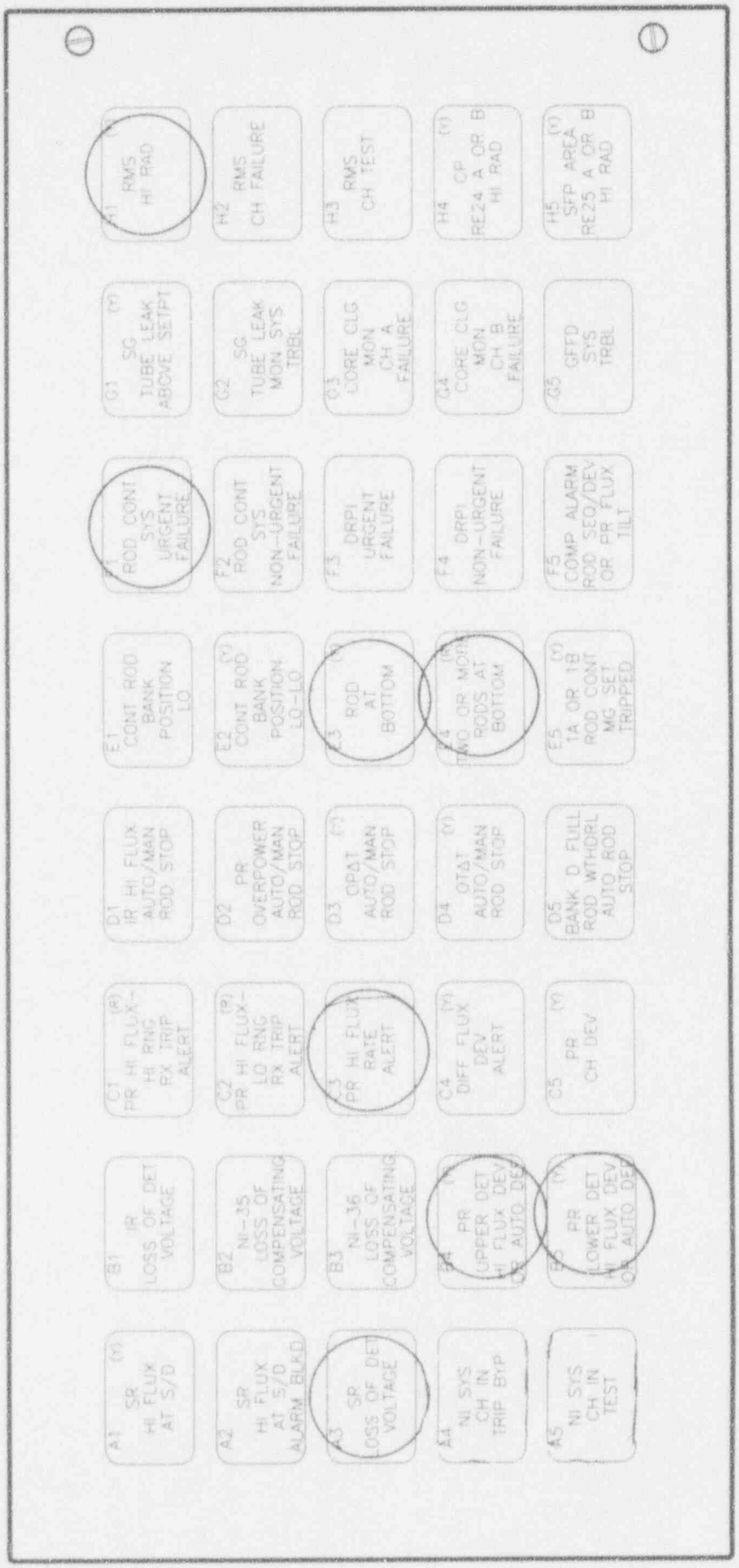
MAIN CONTROL BOARD ANNUNCIATOR PANEL "D"

A1 1A RCP STANDPIPE LVL LO		C1 RCP #1 SEAL LKOF FLOW LO	D1 RCP SEAL INJ FLOW LO	E1 REGEN HX LTDN FLOW DISCH TEMP HI	F1 LTDN TO DEMIN DIVERTED- TEMP HI	G1 BTRS LTDN REHT HX OUTLET TEMP HI	H1 BIT SRG TK RECIRC FLOW LO		K1 TOTAL RX MKUP FLOW DEV HI-LO
A2 1B RCP STANDPIPE LVL LO		C2 (Y) RCP #1 SEAL LKOF FLOW HI	D2 RCP THRM BARR CCW FLOW HI	E2 LTDN ORIF ISO VLV IN LOCAL CONT	F2 LTDN DIVERTED TO RHT- VCT LVL HI	G2 BTRS DISCH HDR TEMP HI	H2 CHLR COMPR TRBL	J2 BABT TEMP HI-LO	K2 BA FLOW DEV HI-LO
A3 1C RCP STANDPIPE LVL LO		C3 (Y) RCP #1 SEAL LO ΔP	D3 (Y) CCW FLOW FROM RCP OIL CLRS LO	E3 LTDN ORIF ISO VLV REL LINE TEMP HI	F3 VCT LVL HI-LO	G3 BTRS CHLR SRG TK LVL HI-LO	H3 CHLR PKG IN LOCAL CONT	J3 1A OR 1B BA XFER PUMP IN LOCAL CONT	K3 AUTO MKUP START SIGNAL BLOCKED
A4 RMWST DEGAS SYS TRBL	B4 RCP SEAL WTR BYP FLOW LO	C4 SEAL WTR INJ FLTR HI ΔP		E4 LTDN HX OUTLET PRESS HI	F4 VCT LVL HI-LO	G4 (Y) 1A BAT LVL LO-LO	H4 1A BAT LVL HI-LO	J4 1A BAT TEMP LO	K4 1A BAT TEMP HI
A5 1A RCP #2 SEAL LKOF FLOW HI	B5 1B RCP #2 SEAL LKOF FLOW HI	C5 1C RCP #2 SEAL LKOF FLOW HI		E5 LTDN HX OUTLET FLOW HI	F5 VCT TEMP HI	G5 (Y) 1B BAT LVL LO-LO	H5 1B BAT LVL HI-LO	J5 1B BAT TEMP LO	K5 1B BAT TEMP HI



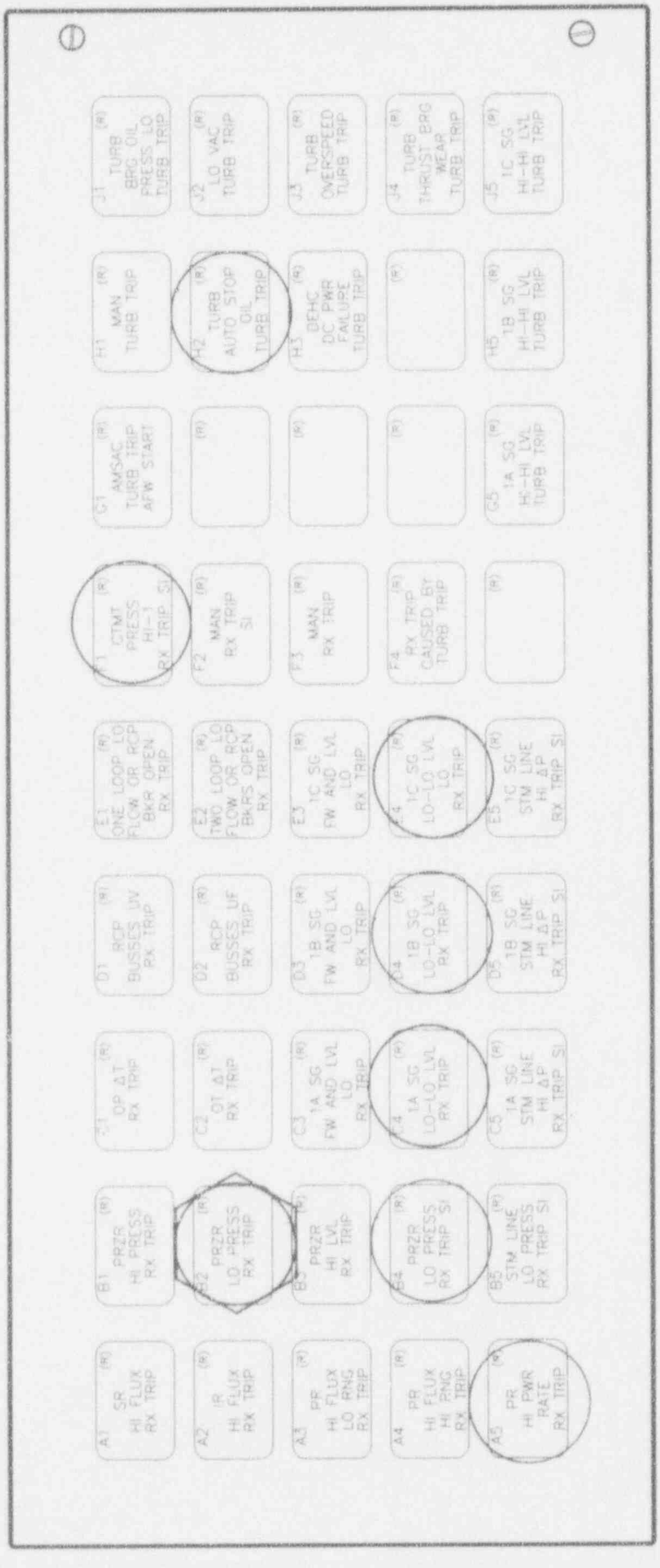
MAIN CONTROL BOARD ANNUNCIATOR PANEL "E"

.36" = 1"

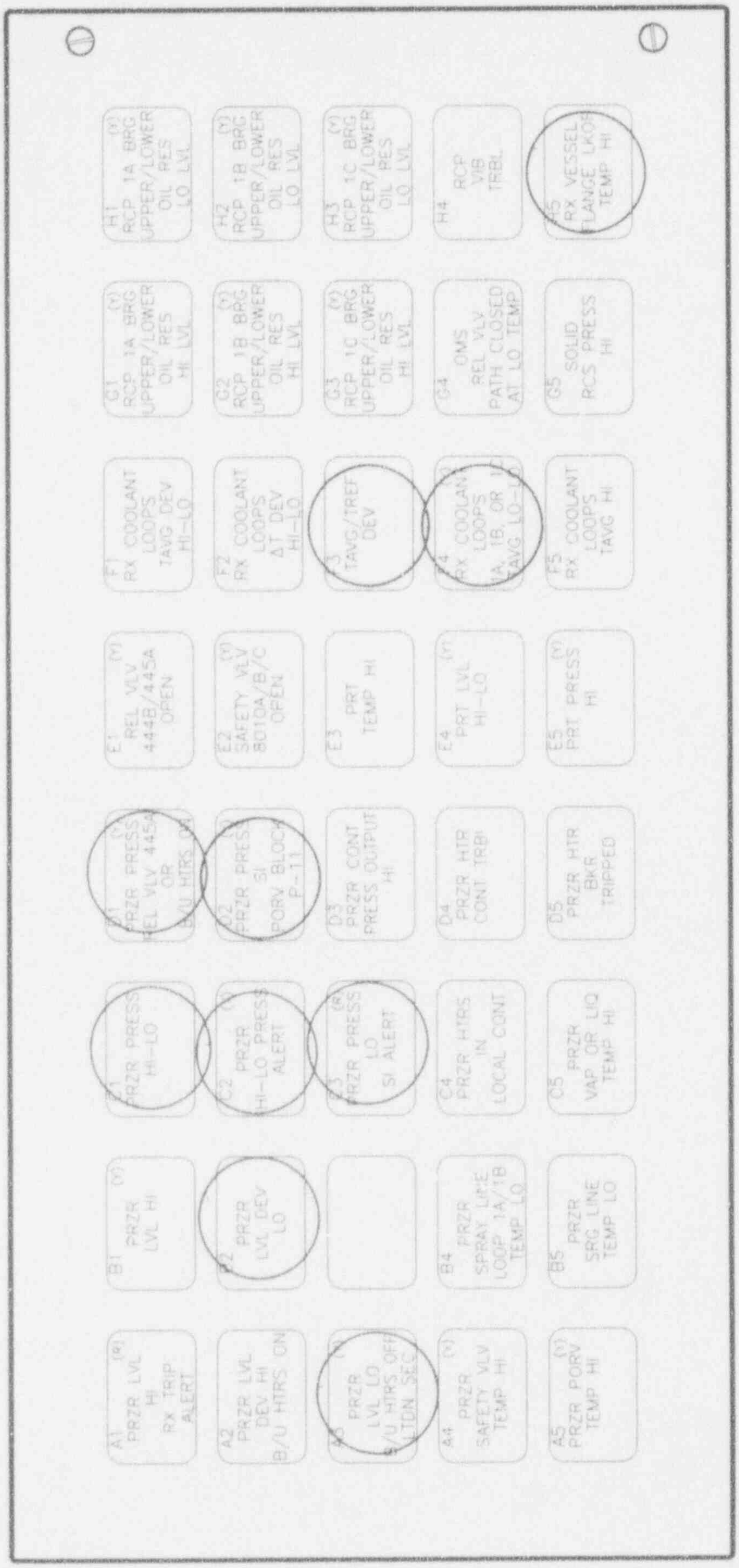


MAIN CONTROL BOARD ANNUNCIATOR PANEL "F"

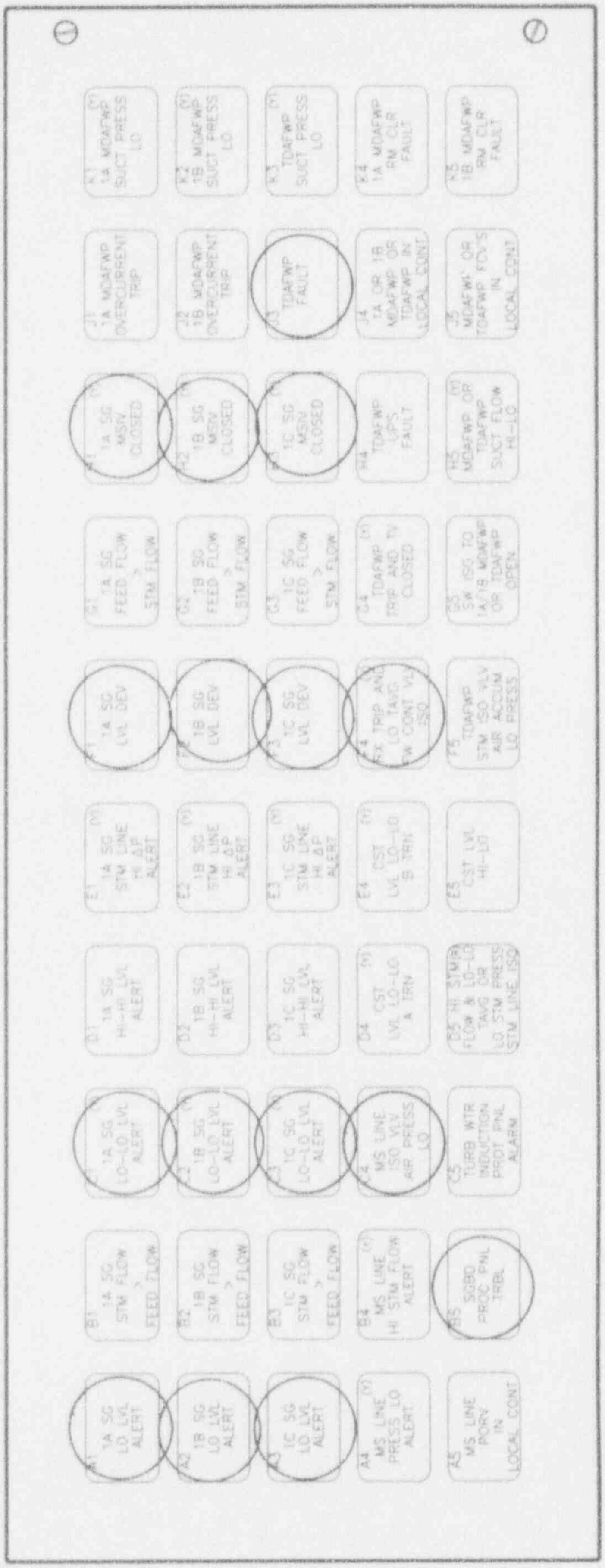
.36" = 1"



MAIN CONTROL BOARD ANNUNCIATOR PANEL "G"



MAIN CONTROL BOARD ANNUNCIATOR PANEL "H"

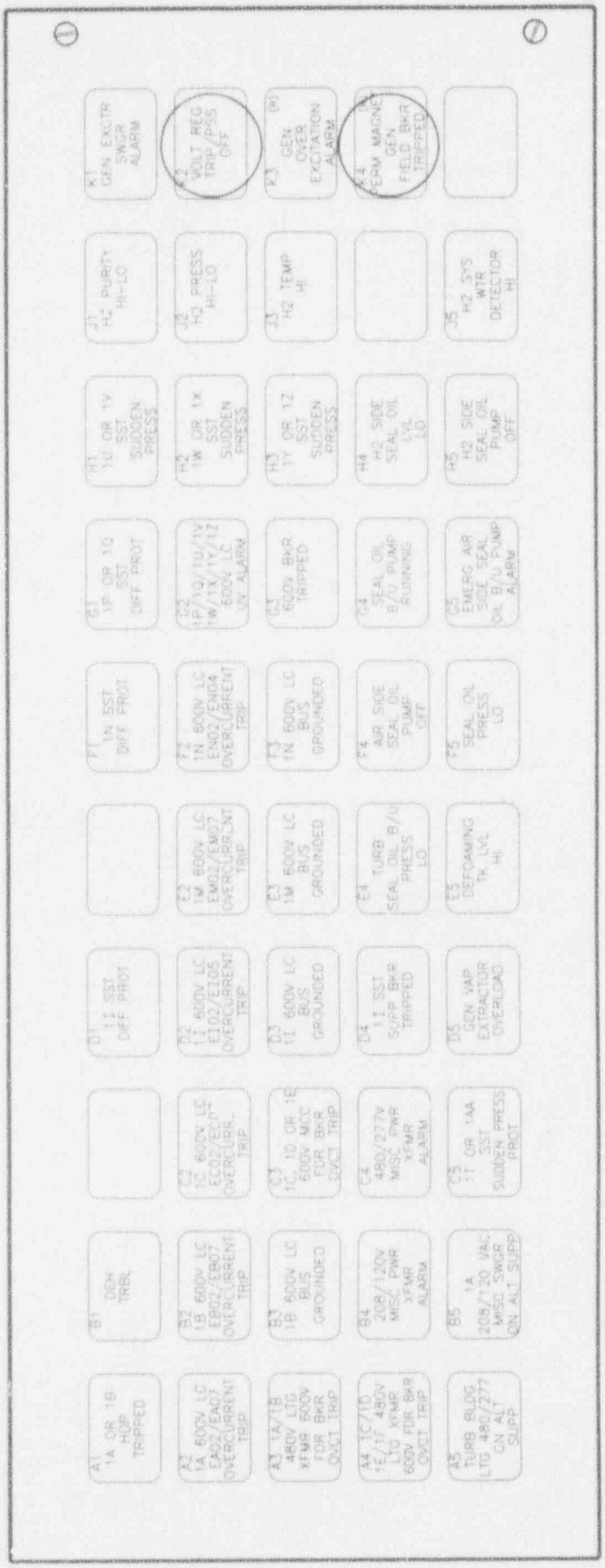


MAIN CONTROL BOARD ANNUNCIATOR PANEL "J"

MAIN CONTROL BOARD ANNUNCIATOR PANEL "K"

	A	B	C	D	E	F	G	H	J	K
1	A1 1A SGFP AC OR DC OIL PUMP OVERLOAD	B1 1A SGFP MISC ALARM	C1 SGFP/MAIN TURB EMERG OIL PUMPS 250VDC OFF	D1 IA TO PENE RM PRESS LO	E1 WELL WTR PUMP/MISC FDR BKR DD11 TRIP	F1 TURB BLDG OIL OR WTR SUMP LVL HI	G1 EH FLUID SYS TRBL	H1 (R) TURB EXH HOOD TEMP HI-HI	J1 TURB EXH HOOD TEMP HI-HI	K1 (Y) TURB COND VAC LO
2	A2 1B SGFP AC OR DC OIL PUMP OVERLOAD	B2 1B SGFP MISC ALARM	C2 CLG TWR FAN BKR TRIPPED	D2 (Y) IA PRESS LO	E2 AFW TEMP PANEL ALARM	F2 SGFP AND MN TURB OIL CONDITIONER ALARM	G2 (R) EH FLUID LEVEL LO-LO	H2 TURB BRG OIL PRESS LO	J2 TURB AC BRG OIL PUMP ON ALT PWR OR EOP RUNNING	K2 TURB SUPERVISORY INST ALARM
3	A3 1A SGFP TRNG GEAR OVERLOAD	B3 SGFP EH CONTROL PWR SUPP OFF	C3 (R) 1A OR 1B SGFP TRIPPED	D3 SA PRESS LO	E3 WTR ANALYSIS ALARM	F3 MN TURB LUBE OIL RES LVL HI-LO	G3 TURB RELATCH FAILURE	H3 MN TURB EMERG DC OIL PUMP OVERLOAD	J3 TURB OIL VAP EXTRACTOR TRIPPED	K3 BALANCE OF PLANT PANELS A THROUGH C TROUBLE
4	A4 1B SGFP TRNG GEAR OVERLOAD	B4 (Y) SGFP SUCT PRESS LO	C4 FW HTR OR DRN TK LVL HI	D4 (Y) CHLORINE LEAKAGE A TRN	E4 CST DEGAS SYS TRBL	F4 CLG TWR BASIN WTR TEMP LO	G4 TURB TV CLOSED ALERT	H4 TURB AUTO TRNG GEAR ALARM	J4 (Y) TURB THRUST BRG WEAR ALARM	K4 BRG MON PNL ALARM
5	A5 SGFP TURB VIB/THRUST BRG WEAR ALARM	B5 (Y) COND HOTWELL LVL HI-LO	C5 (Y) STBY CNDS PUMP RUNNING	D5 (Y) CHLORINE LEAKAGE B TRN	E5 CW CANAL LVL LO	F5 AMERTAP SYS TRBL ALARM	G5 (Y) INTERCEPT OR REHT STOP VLV CLOSED	H5 TURB AUTO-STOP OIL PRESS OIL	J5 TURB GS STM EXH COND TRBL	K5 MTR STATOR TEMP PNL ALARM

29'-1"



MAIN CONTROL BOARD ANNUNCIATOR PANEL "L"

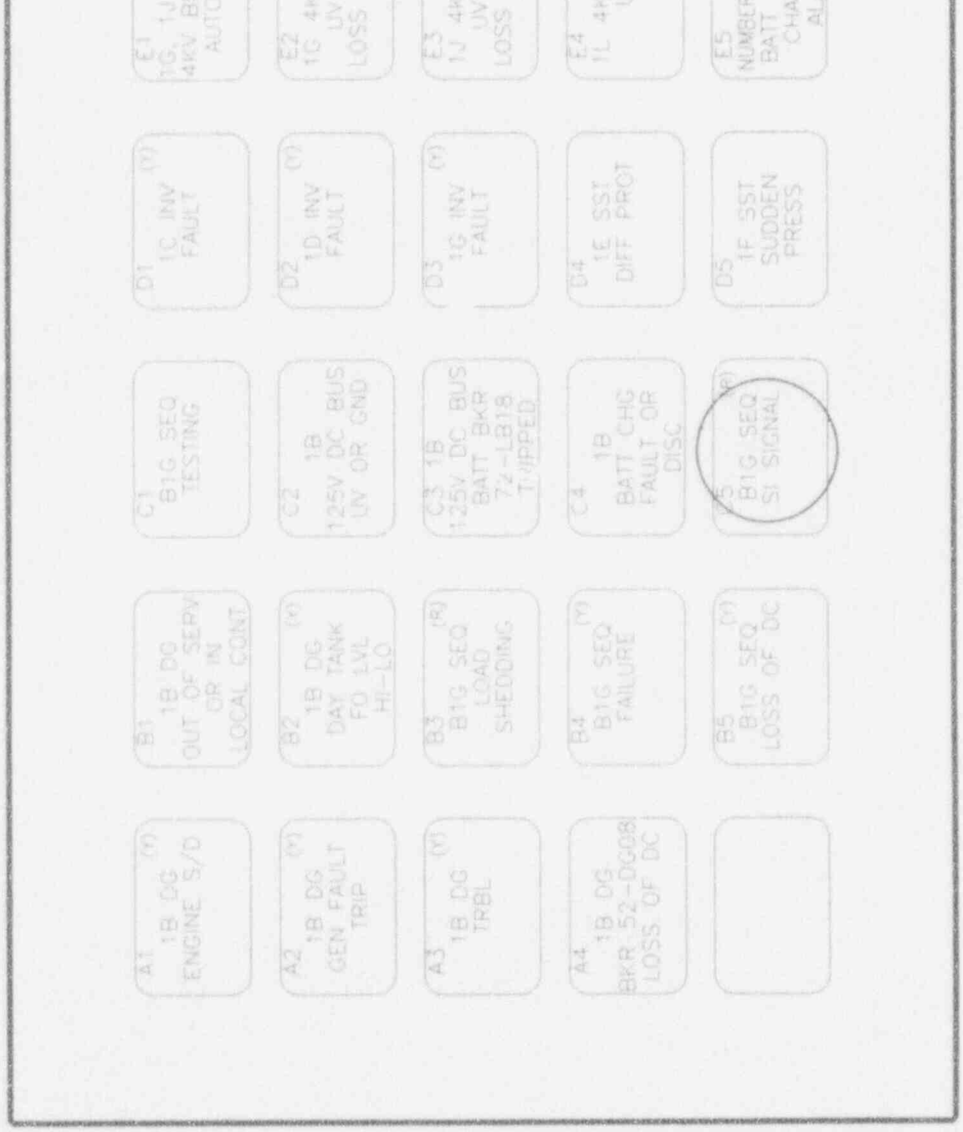
.29" = 1"

MAIN CONTROL BOARD ANNUNCIATOR PANEL "M"

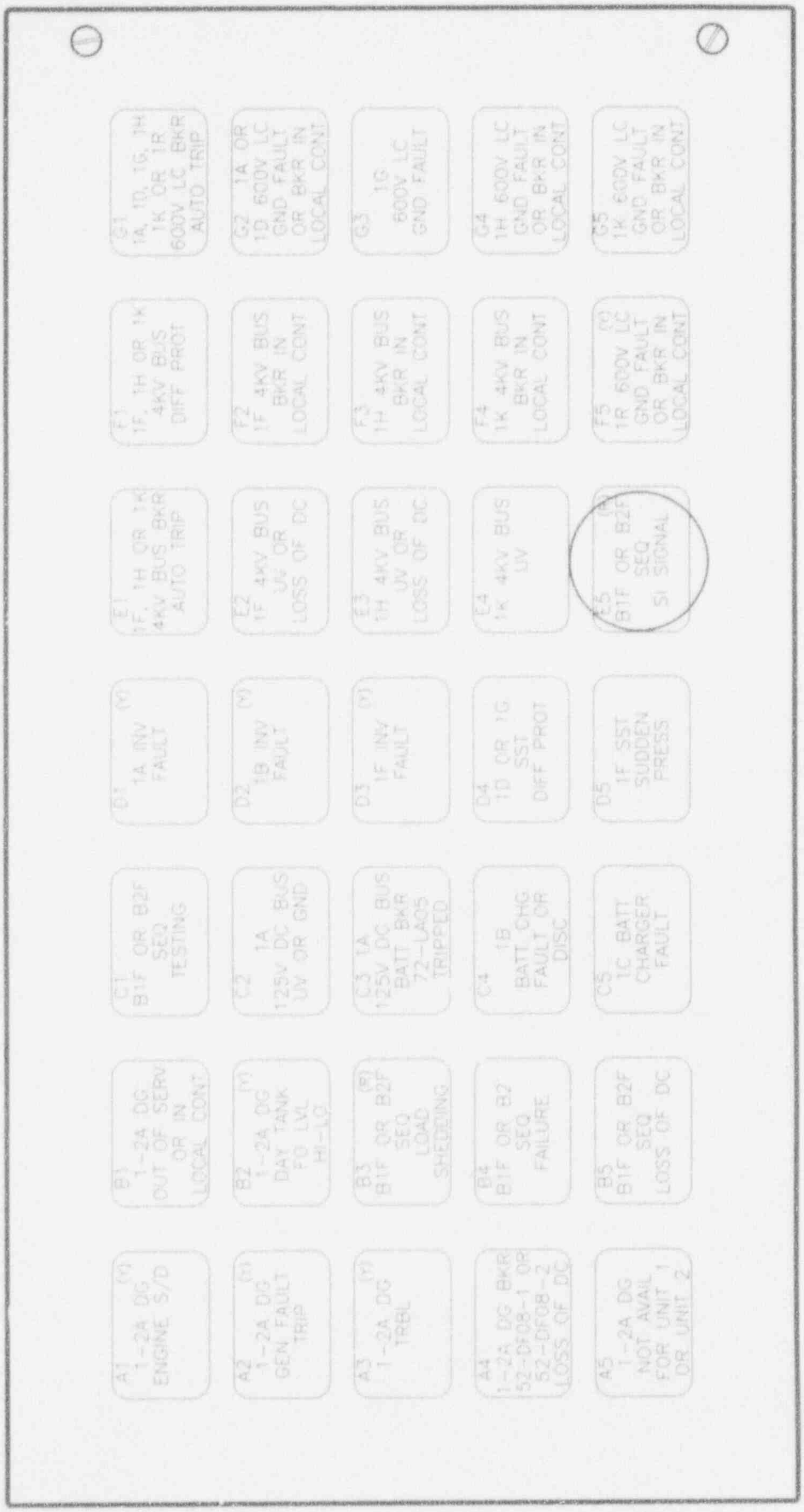
A1 (Y) 1A S/U XFMR SUDDEN PRESS	B1 1A S/U XFMR UV	C1 1A S/U XFMR MISC ALARM	D1 (Y) 1A 4KV BUS DA01/DA07 OVCT LOCKOUT	E1 (Y) 1A 4KV BUS UV	F1 1A 4KV BUS LOSS OF DC C/P	G1 TURB BLDG DC SYS TRBL	H1 (Y) FIRE	J1 SPENT FUEL CASK CRANE OVERLOAD TRIP	K1 ASB CNDS TK LVL HI
A2 (Y) 1B S/U XFMR SUDDEN PRESS	B2 1B S/U XFMR UV	C2 1B S/U XFMR MISC ALARM	D2 (Y) 1B 4KV BUS DB01/DB05 OVCT LOCKOUT	E2 (Y) 1B 4KV BUS UV	F2 1B 4KV BUS LOSS OF DC C/P	G2 CLG TWR BATT CHG ALARM	H2 FIRE PROT TANK LVL LO	J2 RX POLAR CRANE OVERLOAD TRIP	
A3 (Y) 1A UNIT AUX XFMR SUDDEN PRESS	B3 1A UNIT AUX XFMR UV	C3 1A UNIT AUX XFMR MISC ALARM	D3 (Y) 1C 4KV BUS DC01/DC04 OVCT LOCKOUT	E3 (Y) 1C 4KV BUS UV	F3 1C 4KV BUS LOSS OF DC C/P	G3 FIRE PROT PUMP HOUSE BATT CHG ALARM	H3 (Y) FIRE PROT SYS TRBL	J3 REV TRBL	K3 (Y) H2 ANAL PNL ALARM
A4 (Y) 1B UNIT AUX XFMR SUDDEN PRESS	B4 1B UNIT AUX XFMR UV	C4 1B UNIT AUX XFMR MISC ALARM	D4 1D OR 1E 4KV BUS SUPP BKR TRIPPED	E4 1D OR 1E 4KV BUS UV	F4 4160 VOLT BKR TRIPPED			J4 WEV TRBL	K4 LIQ OR GAS PROC PNL ALARM
A5 (Y) MN XFMR SUDDEN PRESS	B5 MN. UNIT AUX OR S/U XFMR WINDING TEMP HI	C5 MN XFMR MISC ALARM	D5 AUX LOCKOUT RELAY TRIPPED				H5 OIL STATIC PUMP HOUSE TRBL	J5 WASTE PROC SYS HEAT TRACING FAULT	K5 SEISMIC PANEL ALARM

A1 UF BELOW 59.4 HZ	B1 UF BELOW 58.4 HZ	C1 (Y) UF BELOW 57.9 HZ	D1 (Y) UF BELOW 57.4 HZ	E1 (Y) UF BELOW 56.9 HZ
A2 (Y) UF BELOW 56.5 HZ	B2 UF RELAY 1 SUPERVISORY FAILURE	C2 UF RELAY 2 SUPERVISORY FAILURE	D2 UF RELAY LOGIC OPER	E2 BAND 1 UF ALARM
A3 (R) BAND 2 UF TRIP	B3 (R) BAND 3 UF TRIP	C3 (R) BAND 4 UF TRIP	D3 (R) BAND 5 UF TRIP	E3 (R) BAND 6 UF TRIP
A4 UF RELAY DC ALARM	B4 GEN OEXCIT OFF LINE	C4 (Y) GEN STATOR TEMP HI		E4 (R) SECURITY BUILDING ALERT
A5 (Y) GEN NEG SEQUENCE ALARM	B5 (Y) GEN NEUT OVCT OR OV ALARM	C5 (Y) GEN BUS CLG ALARM	D5 GEN METER AND RELAY LOSS OF POTENTIAL	

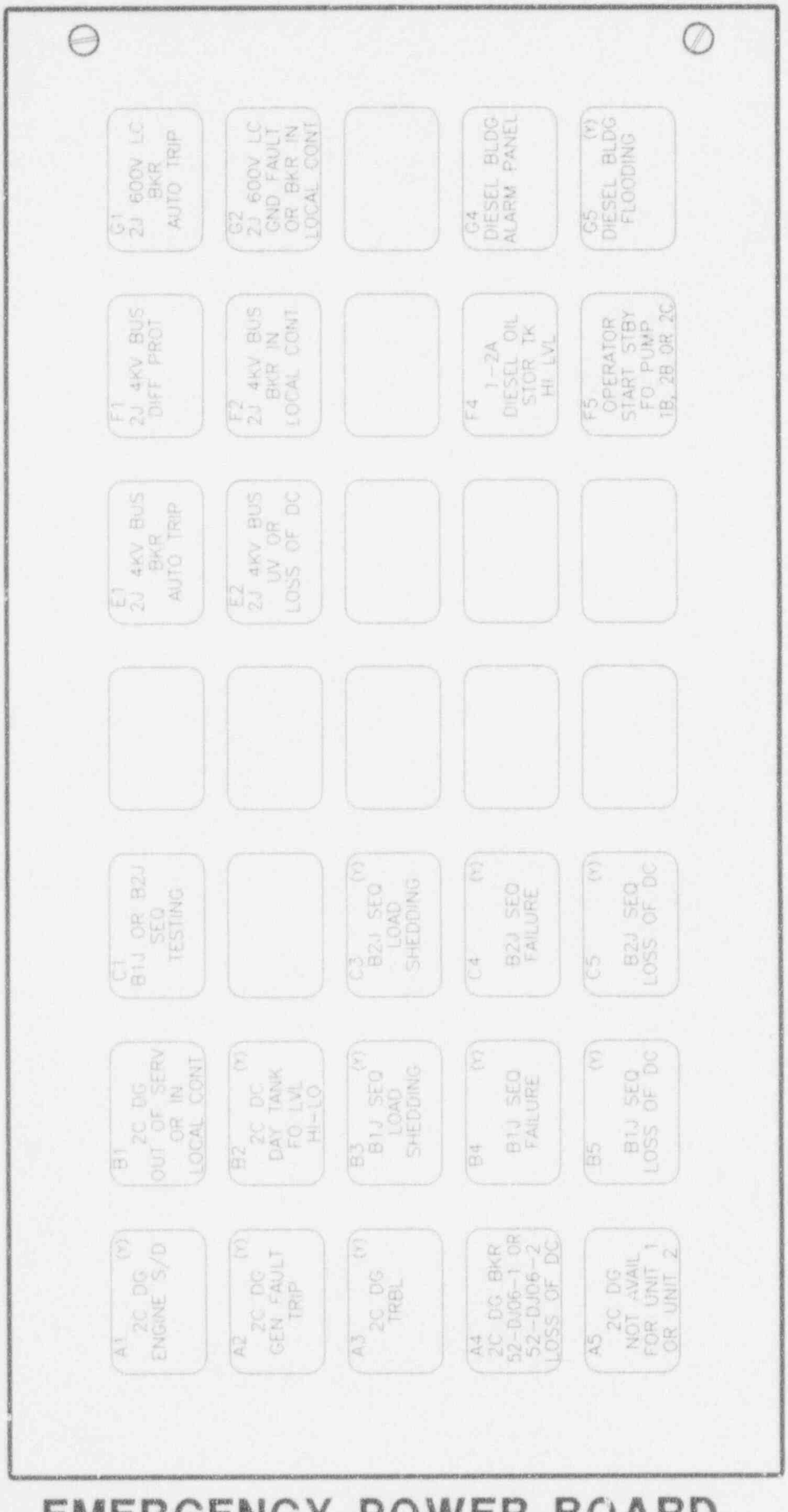
MAIN CONTROL BOARD ANNUNCIATOR PANEL "N"



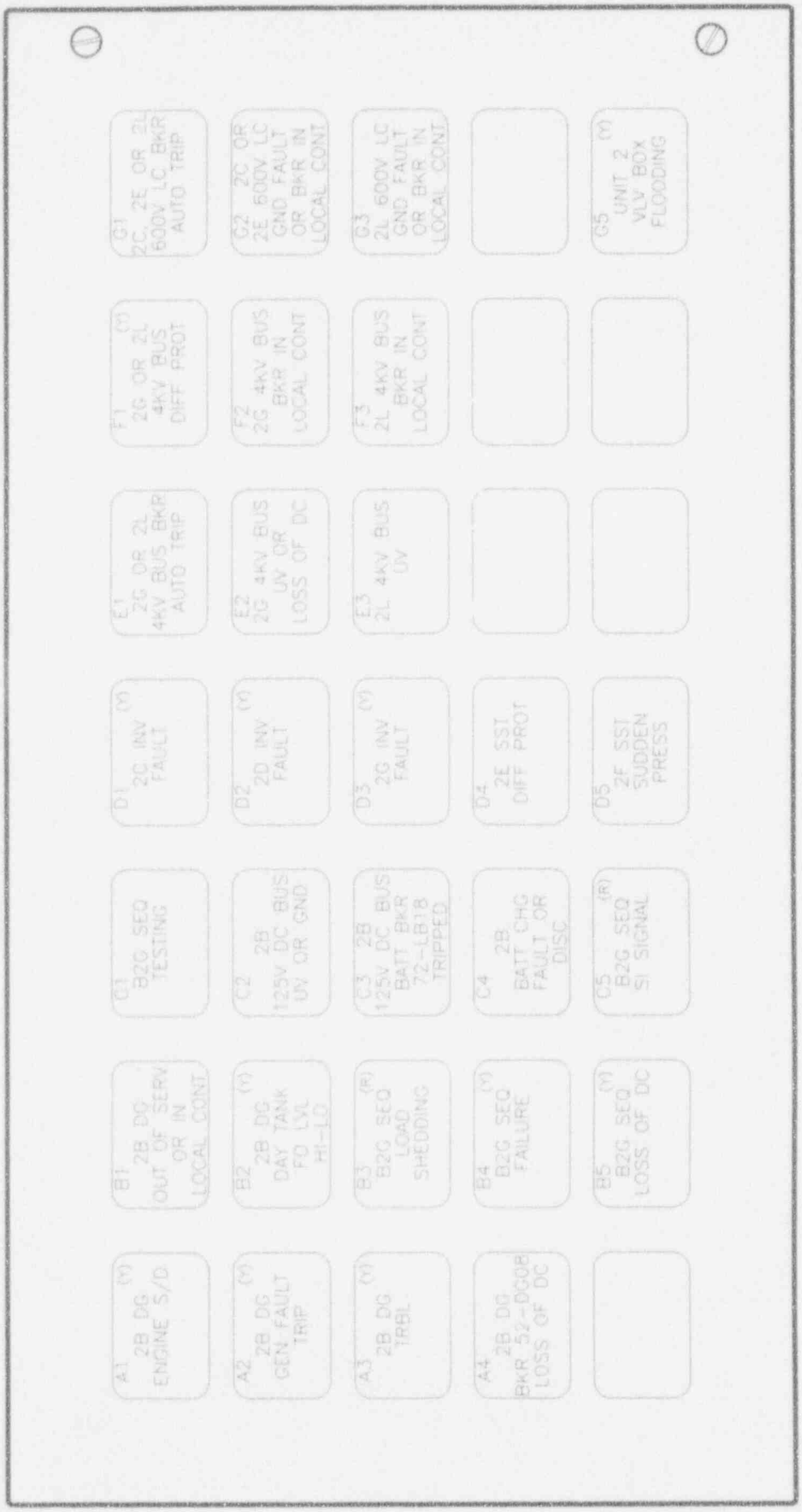
EMERGENCY POWER BOARD ANNUNCIATOR PANEL "V"



EMERGENCY POWER BOARD ANNUNCIATOR PANEL "W"

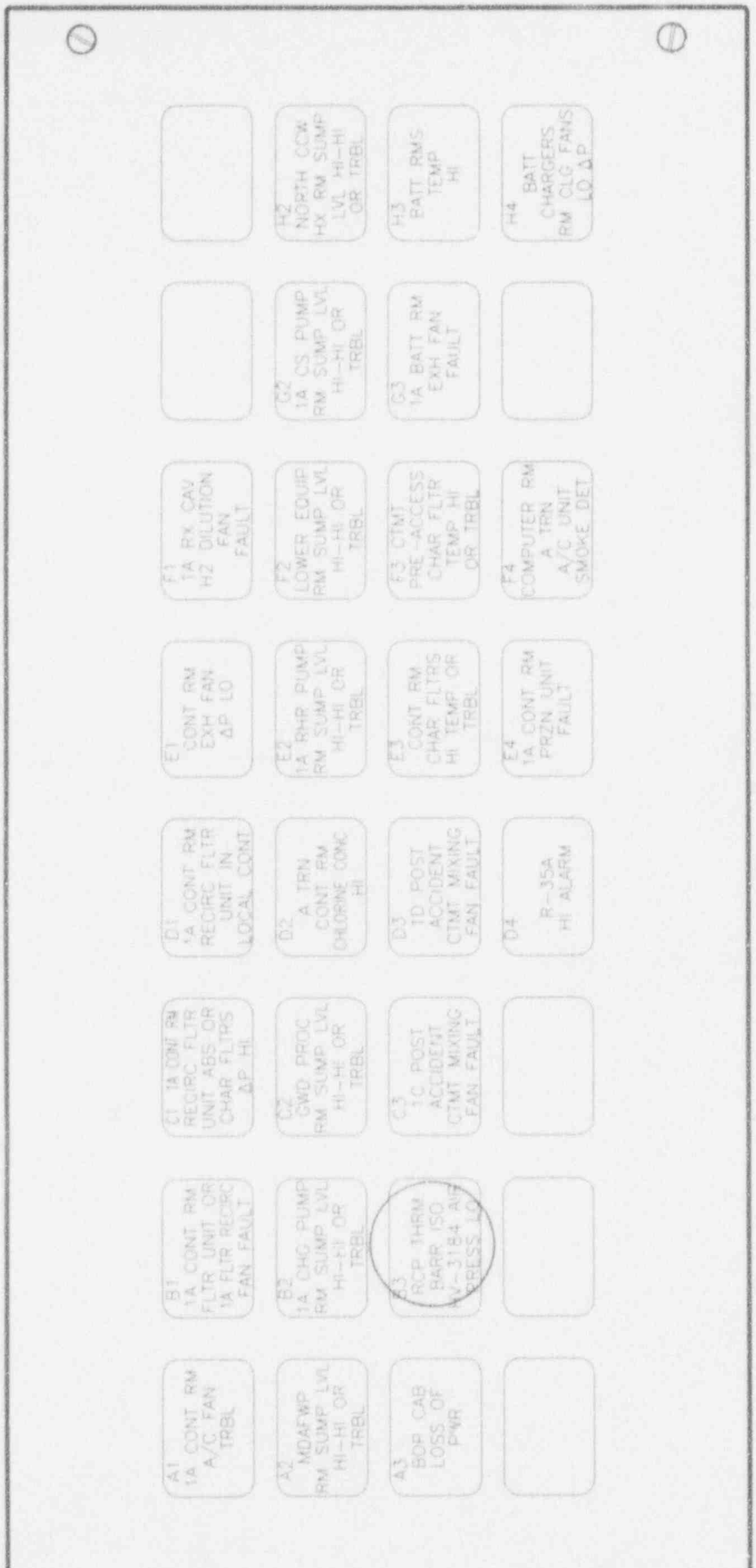


EMERGENCY POWER BOARD ANNUNCIATOR PANEL "X"

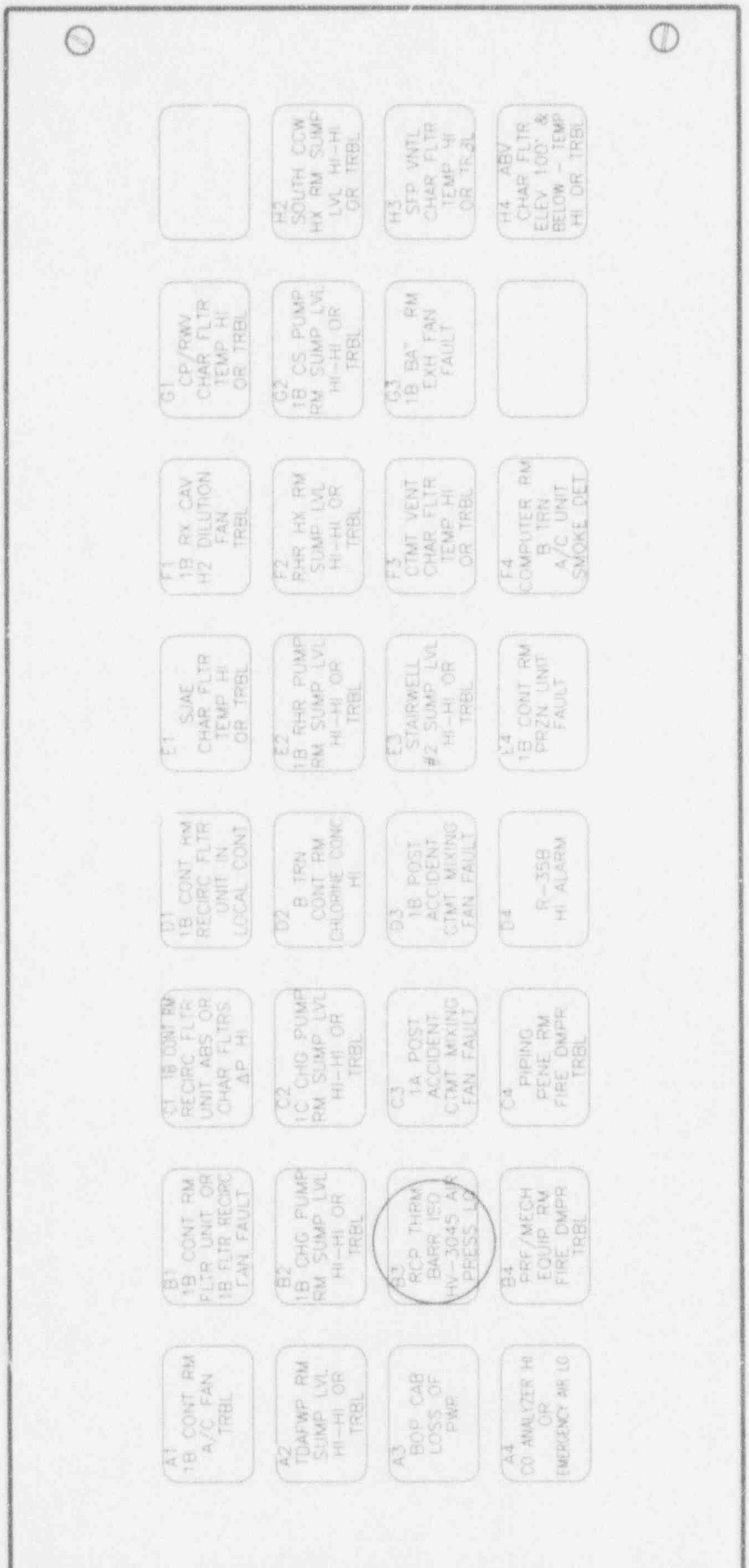


EMERGENCY POWER BOARD ANNUNCIATOR PANEL "Y"

EMERGENCY POWER BOARD ANNUNCIATOR PANEL "Z"



BALANCE-OF-PLANT PANEL ANNUNCIATOR PANEL "L"



BALANCE-OF-PLANT PANEL
ANNUNCIATOR PANEL "N"

BALANCE-OF-PLANT PANEL
ANNUNCIATOR PANEL "P"

OUTSIDE CONTROL ROOM CONTROLLER CARDS

OUTSIDE THE CONTROL ROOM
CONTROLLER CARDS

AIRLOCK SCENARIO

THE FOLLOWING INFORMATION APPLIES TO CONDITIONS ARISING FROM THE FAILURE OF THE MAIN AIRLOCK:

0700 THE AIRLOCK DOORS WILL ONLY BE SIMULATED OPEN

THE INNER AIRLOCK DOOR IS INOPERABLE BECAUSE IT FAILED THE AIRLOCK TEST

WHEN THE INNER DOOR IS INVESTIGATED THEY WILL FIND LOOSE AND/OR MIS ALIGNED DOGS ON THE INNER DOOR PREVENTING A PROPER SEAL

A MAINTENANCE CREW WILL ENTER THE AIRLOCK AT 0700 TO GET AN ADEQUATE SEAL ON THE INNER AIRLOCK

WHEN OPENING THE OUTER AIRLOCK DOOR AT 0700 THE DOOR ONLY PARTIALLY OPENS THEN JAMS IN A MID POSITION DUE TO A FAILURE OF THE OPERATING MECHANISM - THIS SHOULD BE IMMEDIATELY REPORTED TO THE CONTROL ROOM

THE OUTER AIRLOCK DOOR CAN BE CLOSED AND MADE OPERABLE BY REMOVING THE OPERATING MECHANISM OR OTHER ACCEPTABLE METHODS OF REPAIR, BASED ON MONITOR JUDGEMENT

THE INNER AIRLOCK DOOR CAN BE MADE OPERABLE THROUGH TIGHTENING THE DOGS

THE MAINTENANCE TEAM WILL BE REQUIRED TO HAVE ALL OF THE AVAILABLE TOOLS TO SIMULATE REPAIRS

0755 REGARDLESS OF THE STATE OF COMPLETION OF REPAIRS HAVE THE OUTER AIRLOCK DOOR REPORTED CLOSED AND OPERABLE AT 0755

IF THE MAINTENANCE TEAM HAS NOT COMPLETED REPAIRS THEN HAVE THEM COMPLETE REPAIRS AFTER THE REPORT HAS BEEN MADE

ALL PERSONNEL WILL BE OUT OF THE AIRLOCK AND THE AIRLOCK WILL BE REPORTED OPERABLE FOR BOTH THE INNER AND OUTR DOOR NO LATER THAN 0930.

OUTSIDE THE CONTROL ROOM
CONTROLLER CARDS

RHR BREAKER SCENARIO

THE FOLLOWING INFORMATION APPLIES TO CONDITIONS ARISING FROM THE FAILURE OF THE 1A RHR PUMP BREAKER:

0715 A SYSTEM OPERATOR MAKES THE FOLLOWING REPORT TO THE CONTROL ROOM:

A POPPING NOISE WAS COMING FROM THE 1A RHR PUMP BREAKER AND AN INSULATION SMELL. THE POPPING SOUND HAS STOPPED AND THE BREAKER INDICATION LIGHT IS NOW OUT. THERE IS NO INDICATION OF SMOKE OR FIRE COMING FROM THE BREAKER AT THIS TIME.

WHEN A MAINTENANCE CREW IS DISPATCHED HAVE THEM REPORT TO THE TRAINING CENTER TO PERFORM THE MAINTENANCE ON THE TRAINING BREAKER.

WHEN INVESTIGATING THE BREAKER THE MAINTENANCE TEAM DETERMINES THAT THE CONNECTOR FOR THE AUXILIARY CONTACTS IS DAMAGED AND BURNED WHICH CAUSED THE CONTROL POWER TO TRIP. THERE IS NO DAMAGE TO THE BREAKER ITSELF, JUST THE CUBICLE THAT THE BREAKER IS IN. REPAIRS CAN BE PERFORMED BY REPLACING THE CONNECTOR IN THE CUBICLE.

HAVE THE MAINTENANCE TEAM MAKE NECESSARY REPAIRS TO THE TRAINING BREAKER IN THE TRAINING CENTER

DO NOT REPORT REPAIRS COMPLETE UNTIL 1000.

1000 AFTER THE MAINTENANCE TEAM REPORTS TO THEIR DESIGNATED ASSEMBLY AREAS HAVE THEM REPORT TO THE CONTROL ROOM THAT THEY HAD COMPLETED REPAIRS TO THE BREAKER AND RACKED IT IN JUST PRIOR TO THE PLANT EMERGENCY ALARM BEING ACTUATED AND THEY ARE READY TO CLEAR THE TAGS AND CLOSE THE BREAKER.

OUTSIDE THE CONTROL ROOM
CONTROLLER CARDS

RHR HEAT EXCHANGER SCENARIO

THE FOLLOWING INFORMATION APPLIES TO CONDITIONS ARISING FROM THE FAILURE OF THE 1B RHR HEAT EXCHANGER:

0800 WHEN PERSONNEL ARRIVE IN THE RHR HEAT EXCHANGER ROOM WATER IS COMING FROM A RUPTURED RHR PIPE IN THE DISCHARGE OF THE 1B RHR HEAT EXCHANGER.

LEAK RATE	RHR PUMP RUNNING	70-80 GPM
	RHR PUMP OFF	< 5 GPM

CLOSE INSPECTION WILL REVEAL A FAILED WELD ADJACENT TO THE HEAT EXCHANGER

TEMPORARY WELD REPAIRS WILL TAKE APPROXIMATELY 8 TO 12 HOURS TO ACCOMPLISH.

THE RUPTURED PIPE WILL NOT BE ABLE TO BE REPAIRED DURING THE DRILL

REPAIRS WILL REQUIRE:
- TAGGING THE SYSTEM
- DRAINING THE SYSTEM
- PROVIDING THE WELDING MACHINE AND NECESSARY EQUIPMENT
- MAKING THE WELD REPAIR

OUTSIDE THE CONTROL ROOM
CONTROLLER CARDS

TDAFW PUMP SCENARIO

THE FOLLOWING INFORMATION APPLIES TO CONDITIONS ARISING FROM THE FAILURE OF THE TDAFW PUMP TO COME UP TO SPEED:

0945 THE STEAM ADMISSION VALVES FOR THE PUMP ARE ALL OPERATING PROPERLY AND OPEN

ALL ATTEMPTS TO BRING THE SPEED OF THE PUMP UP FROM ANY LOCATION ELECTRONICALLY WILL NOT WORK

ANY ATTEMPT TO RAISE THE SPEED OF THE PUMP BY MECHANICALLY OPERATING THE THROTTLE VALVE MECHANISM WILL PESULT IN THE PUMP TRIPPING ON OVERSPEED. THE OVERSPEED MECHANISM WILL BE ABLE TO BE RESET, BUT WILL TRIP AGAIN IF OVERRIDE IS ATTEMPTED

INVESTIGATION REVEALS THAT THE CAUSE OF THE FAILURE TO COME UP TO SPEED IS THE CARD THAT CONTROLS THE 100% SPEED HAS FAILED, CAUSING THE SPEED TO REMAIN AT A MINIMUM.

REPAIRS CAN BE COMPLETED BY CALIBRATING OR REPLACING THE CARD

OUTSIDE THE CONTROL ROOM
CONTROLLER CARDS

CONTAINMENT FAN COOLER SCENARIO

THE FOLLOWING INFORMATION APPLIES TO CONDITIONS ARISING FROM THE FAILURE OF THE 1B AND 1C CONTAINMENT FAN COOLERS:

0945 IF A MAINTENANCE TEAM IS SENT TO INVESTIGATE THE FAN COOLERS THEY WILL FIND THAT AN INSTANTANEOUS TRIP FLAG IS ACTIVE ON BOTH BREAKERS

INVESTIGATIONS REVEAL A 0 GROUND EXISTS ON ALL PHASES OF THE MOTORS

OUTSIDE THE CONTROL ROOM
CONTROLLER CARDS

CONTAINMENT LEAK SCENARIO

THE FOLLOWING INFORMATION APPLIES TO CONDITIONS ARISING FROM THE FAILURE OF THE CONTAINMENT ELECTRICAL PENETRATION:

1045 THE ELECTRICAL PENETRATION FOR LETDOWN VALVES (#Q1T52B019A) IN THE A ELECTRICAL PENETRATION ROOM (ROOM 333) DEVELOPS A LEAK CAUSING A RELEASE FROM THE CONTAINMENT

THE LEAK CAN BE STOPPED BY PACKING THE PENETRATION WITH SUITABLE PACKING MATERIAL.

IF THE LEAK IS STOPPED PRIOR TO THE TERMINATION OF THE DRILL THE DRILL CREW WILL BE INFORMED THAT THEY ACCOMPLISHED THEIR GOAL OF STOPPING THE LEAK, BUT THE LEAK WILL CONTINUE UNTIL THE END OF THE DRILL TO EXERCISE THE RMTs

MONITOR CHECKLISTS

311

MONITOR CHECKLISTS

The checklists provided are listings of procedurally required actions grouped by responsible position. The listings include some actions which will not be required based on the scenario events and some actions which may or may not be required depending on exercise free-play decision. Monitors are to mark those actions not required as N/A. Questions concerning the applicability of specific actions should be addressed to the Training Manager.

TSC STAFF
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

___1. Verify work station is set up (e.g., desk unlocked, phone, etc.)

___2. Evaluate Rx vessel head vent requirements.

___3. Evaluate long term plant status.

___4. Plot hydrogen concentration on Post LOCA CTMT hydrogen concentration graph.

___5. Determine event specific procedure for post accident recovery (ex. post SGTR cooldown).

___6. Determine if RHR can be placed in service during post SGTR cooldown using backfill.

___7. Determine method for establishing RCP seal injection and CCW cooling.

___8. Provide recommendation for processing CTMT sump based on sample results.

___9. Provide recommendation on placing preaccess filtration system or Post LOCA vent system in operation.

___10. Determine long term plant status.

EMERGENCY DIRECTOR
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

___1. Evaluate plant conditions and if conditions warrant, declare an emergency.

___2. Assume the position of ED and announce to personnel in control room/TSC.

___3. Verify correct control room response to the emergency condition.

___4. Determine radiological status and initiate notification or evacuation per EIP's 9, 8, and 10.

___5. Verify emergency organization callouts initiated per EIP-8.

___6. Initiate rescue and emergency repair operations per EIP-14.

___7. Maintain plant security per EIP-7.

___8. Establish communications with and provide information to the Recovery Manager per EIP-27.

___9. Perform personnel accountability per EIP-10.

___10. Coordinate and maintain communications with off-site authorities per EIP-8 and EIP-9.

___11. Direct setup of TSC per EIP-6, Appendix.

___12. Provide staffing of the Technical Support Center within 75 minutes of the declaration of the emergency by notifying the Tech Manager.

___13. Assign an individual to keep a record of all communications with the general office and offsite authorities.

___14. Activate teams to search for unaccounted personnel according to EIP-14.

___15. Evaluate the emergency conditions and direct non-essential personnel to either depart from the site or return to work.

___16. Provide transportation for persons without vehicles.

___17. Provide clothing for personnel found to be contaminated.

___18. Provide periodic plant status updates to off-site authorities.

___19. Reassess conditions for possible upgrade of the emergency classification.

___20. If a fire, implement EIP-13.

___21. Close out by verbal summary or escalate to a higher level emergency, ensure off-site authorities notified and security notified.

___22. Activate only that portion of the emergency organization necessary to respond to the incident.

___23. Implement an Alert per EIP-9 if the fire may potentially affect ECCS.

___24. Determine the conditions for use of smoke removal units in the RCA.

___25. Authorize the HP Manager to dispatch HP personnel.

___26. Authorize the HP Manager to reestablish manning of HP and dosimetry offices.

___27. Approve relocation of security personnel.

___28. Ensure radiological conditions which may require the relocation of security are evaluated and provided to security personnel.

___29. Approve exposure and/or dose rate limits with the aid of health physics, and be responsible for authorizing exceeding any 10CFR 20 exposure limit.

___30. Ensure applicable portions of the re-entry guideline are completed.

___31. Provide instructions for the Administrative Aide to notify TSC staff and the Recovery Manager.

___32. Initiate environmental sampling.

___33. Implement EIP- 8.

___34. Authorize re-entries.

___35. Provide met data and dose estimates to off-site authorities.

___36. Coordinate press releases and recovery planning with the Recovery Manager.

___37. Coordinate with security for dispatching of company representative to off-site agencies and any required departures from site.

___38. Reassess conditions for possible upgrade to general emergency.

___39. Evacuate area(s) of the plant site, as necessary.

___40. Activate TSC, OSC, and EOF (at RM's discretion).

___41. Provide periodic meteorological and dose estimates to off-site authorities.

___42. Relocate the TSC should it become untenable due to radiological or other hazardous conditions.

___43. Assign an individual to maintain a log of important ED activities.

___44. Within 8 hours of the declaration of an emergency, provide a TSC continuous staffing rotating schedule.

___45. Authorize relocation of assembly areas from plume pathway.

SHIFT SUPERVISOR
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

___1. Announce the emergency on the PA system and dispatch a qualified individual to perform first aid.

___2. Account for all personnel if the ED is not present.

___3. Ensure affected unit is in safe condition and assess fire.

___4. Continue to reassess the situation for evacuation requirements and notify personnel accordingly.

___5. Implement an Alert per EIP-9 if applicable.

___6. Implement a Site Area Emergency per EIP-9 if applicable.

___7. Direct Fire Brigade Chief in fighting the fire.

___8. Monitor EIP-9 criteria.

___9. Alert CSC if assistance from outside agencies is required.

___10. If time and personnel permit, dispatch RMT to meet the offsite agency at the CSC.

___11. Evacuate affected areas of the site as necessary for an ALERT.

___12. Implement EIP- 8. The shift supervisor shall notify the Central Security Control and the Emergency Director.

___13. Direct operational activities to combat the emergency and act as Emergency Director.

___14. Provide the ED the (following) information pertinent to the emergency. 1) Status of the unaffected unit. 2) Status of affected unit. 3) Emergency classification. 4) Emergency actions initiated. 5) Release information. 6) Requests for off-site assistance initiated. 7) Notifications initiated. 8) Prognosis for worsening or termination of the event.

___15. Implement a Notification of Unusual Event per EIP-9 if a contaminated, injured individual is transported to an off-site facility.

___16. Dispatch RMT if radiation exposure or contamination is possibly involved.

___17. Summon a local ambulance if the PEV is not available, giving the number of injured personnel and whether radioactive materials are involved.

___18. Inform CSC to escort the ambulance upon arrival at the plant site to the location of the injured personnel.

___19. Notify SAMC and the company doctor and give all the information per EIP-11. 1) Number of casualties. 2) Whether radioacti material involved. 3) Level of contamination. 4) Nature of injury. 5) Estimated time of arrival. 6) Any other pertinent information. 7) The hospital will call back for verification. 8) Ensure ED is notified.

___20. Place the unit in a safe condition in accordance with the applicable Emergency Response Procedure.

___21. Restrict access to the at-the-controls area to only authorized personnel.

___22. Establish initial offsite communications.

MAINTENANCE MANAGER
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

___1. Assist the ED by selecting qualified personnel for assignment to a emergency repair party.

___2. Assist the ED by planning activities and giving instructions to members of the Emergency Repair Party.

___3. With HP Manager help, maintain exposures to maintenance personnel as low as reasonably achievable during re-entry repair or decontamination activities which result from an emergency.

___4. Ensure re-entry team is assigned a team leader.

___5. Ensure re-entry team wear radiological protection devices as directed by Health Physics.

___6. Ensure activities and transit route of re-entry team are planned with help from the emergency staff.

___7. Ensure re-entry personnel are briefed concerning the nature of the emergency, possible hazards, and duties in the emergency area.

___8. Discuss communications and alternatives if no communications are available, with re-entry personnel.

___9. Debrief re-entry personnel.

___10. Report de-brief information to ED.

___11. Complete applicable portions of the Re-entry Guideline.

TECHNICAL MANAGER
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

___1. Assign appropriate personnel to setup the TSC for emergency use per FNP-0-EIP-6 appendix.

___2. Assign a person to handle off-site communications and to log off-site communications. (Normally on-call licensing engineer.)

___3. Assign an engineer or Counting Room Tech to support off-site dose assessment. (Normally on-call reactor engineer.)

___4. Provide engineering support for assessing, mitigating, and/or recovering from the emergency. (On-call systems engineer.)

___5. Dispatch the on-call liaison person to the Houston County and/or Early County Emergency Operations Center when directed by the Emergency Director.

___6. Direct the on-call ENV-Supervisor to support off-site dose assessment.

___7. Direct the on-call Computer Support and on-call Quality Control personnel to activate the EOF per FNP-0-EIP-27, request HP support if needed.

___8. Perform hourly dose assessment.

___9. Review outgoing telecopies prior to off-site transmission.

___10. Augment TSC and EOF staffs as required.

___11. At the direction of the ED or RM, perform forecast Dose Assessment per EIP-29. (Normally on-call reactor engineer.)

___12. At the direction of the ED or RM, calculate radioactive release potential per EIP-29. (Normally on-call reactor engineer.)

___13. Direct the on-call Chemistry Supervisor to coordinate sampling.

___14. Ensure TSC Gaitronics is switched to "TSC I COM" position, volume is turned up and the unit is operable.

REACTOR ENGINEER
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

___1. Report to the TSC or location directed by the ED or Technical Manager.

___2. Establish the plant parameter remote monitoring capability in the TSC upon direction of ED.

___3. Complete manual dose assessment if automatic dose assessment is not available per EIP-9.

___4. Transmit dose assessment reports to state/local agencies per EIP-8 and EIP- 9.

___5. Compute the total core inventory per EIP-30 for times after shutdown as specified by the Technical Manager.

___6. Determine plant power history for the 30 days prior to shutdown.

___7. Determine power correction factor.

___8. Determine corrected core inventory.

___9. Perform estimation of percent fuel damage per EIP-30.

___10. Determine the activity ratios for noble gases and iodines.

___11. Compare calculated activity ratios and fuel pellet ratio per EIP-30.

___12. Determine and record any available evidence of core uncovery.

___13. Obtain and compare core exit thermocouple values per EIP-30.

___14. Obtain and compare containment hydrogen concentration.

___15. Determine the extent of zirconium water reaction per EIP-30.

___16. Obtain and compare containment high range area radiation monitors per EIP-30.

___17. Perform the final core damage assessment per EIP-30.

LICENSING ENGINEER
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

___1. Report to the TSC or location directed by ED or the Technical Manager.

___2. Ensure TSC Gaitronics volume control is turned up, selected to TSC Com I Position, and the unit is operable.

___3. Establish communications with off-site authorities as directed by the ED per EIP-8 and EIP- 9.

___4. Maintain a chronological log of all off-site communications noting the organization contacted and conversation summary.

___5. Transmit dose assessment reports to state/local agencies per EIP-8 and EIP- 9.

CHEMISTRY SUPERVISOR
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

___1. Report to the TSC or other location designated by the Technical Manager or HP Manager.

___2. Coordinate sampling and analysis of primary coolant and ECCS Sump (via RHR) for FNP-0-EIP-30 core damage assessment.

___3. Coordinate sampling and analysis of the plant vent stack for determination of effluent source term for use in FNP-0-EIP-9 manual dose assessment calculations as needed.

___4. Coordinate sampling and analysis of containment atmosphere for FNP-0-EIP-30 core damage assessment.

___5. Coordinate sampling of site drinking water for radioactive contamination. If drinking water exceeds 10CFR20, App. B, Table 1 Column 2 limits, order quarantining and posting of affected outlets.

___6. Coordinate sampling of Sewage Treatment Plant as needed, isolating sources of excessive contamination.

___7. Coordinate sampling of Waste Settling Pond as needed, isolating sources of excessive contamination.

ENVIRONMENTAL SUPERVISOR
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

___1. Report to the ADMS terminal in the TSC or other location directed by the Technical Manager or HP Manager.

___2. Assist the Technical Manager with initial and follow-up notification messages for off-site dose assessment.

___3. Report to the EOF Dose Assessment Director to assist in dose assessment at the diraction of the ED or Technical Manager.

___4. Obtain post accident samples from RCS, ECCS Sump, and containment atmosphere.

___5. Analyze post accident samples for isotopic specific activity with no decay correction applied and determine the following per EIP-30:

___ a. Complete Table 3A, RCS Activity Worksheet.

___ b. Complete Table 3B, Containment ECCS Sump Activity Worksheet.

___ c. Complete Table 3C, Containment Atmosphere Activity Worksheet.

___ d. Estimate the total liquid mass by completing Table 5, Estimate of Total Liquid Mass Worksheet.

___ e. Estimate RCS water mass and containment water mass per EIP-30.

___ f. Calculate total activity of each nuclide released to the RCS.

___ g. Calculate total activity of each nuclide released to the containment water.

___ h. Calculate total activity of each nuclide released to the containment atmosphere.

___ i. Calculate the total activity released of each nuclide by summing RCS, sump, and containment atmosphere.

___6. Divert EOF lab drains to holding tank from sewage treatment plant if the EOF lab is to be used for analyzing radioactive samples.

___7. Coordinate utilization of EOF laboratory and off-site laboratories as needed to support post accident sampling and analysis.

___8. Activate nurse's station for dosimetry issue station as needed.

___9. Coordinate issuance of personnel dosimetry as needed.

___10. Maintain log of all dosimetry devices issued by use of log book recording SSN, name, and dosimetry number issued.

CHEMISTRY TECH
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

___1. Sample RCS per CCP-1300.

___2. Obtain CTMT atmosphere grab sample and analyze.

___3. Sample for Boron concentration.

___4. Sample CTMT sump liquid for radioactivity, chromates, and Boron.

___5. Obtain and analyze stack sample.

___6. Replacement of filters in Sping (if needed).

___7. Analyze RMT samples as necessary.

HP MANAGER
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

___1. Report to TSC or other location directed by the ED or Tech Manager.

___2. Evaluate relocation of access control as necessary for re-entry.

___3. Provide for on-site sampling and analysis of site drinking water, forage, soil, and air.

___4. Provide ED with information concerning environmental monitoring data.

___5. Maintain communications with environmental RMT's via radio located in the TSC.

___6. Provide for off-site sampling and analysis of radiological samples of forage, soil, water, and air.

___7. Dispatch HP technicians to provide radiation monitoring of personnel in the assembly areas and EOF.

___8. Provide HP coverage when searching for personnel in the assembly areas.

___9. Initiate recall of off-duty personnel.

___10. Monitor plant status and environmental monitoring data concerning any radiological incident.

___11. Assign personnel to RMT and maintain RMT assignment log and RMT data log.

___12. Assist ED in planning re-entry and recovery activities.

___13. Provide supervision for personnel, area, and equipment decontamination.

___14. Review of personnel past exposure history prior to allowance on a re-entry team.

___15. Pass along plant conditions to RMT's as incident progresses.

___16. Initiate call-in of contract technicians. Route to RMA when EOF has been staffed.

___17. Set up long-term shift fotation to support plant.

___18. Assist the Technical Manager in evaluating direct radiation, plume disposition and contamination in the environment.

___19. Assess the control room and TSC personnel for issue of personnel dosimetry devices in an emergency.

___20. Provide fire brigade support.

___21. Complete re-entry team checklist.

___22. Complete Re-entry Master List to log all re-entry team members.

___23. Track and record doses received by re-entry personnel on Re-entry Individual Exposure Record.

___24. Implement in-plant iodine monitoring as needed.

___25. Ensure in-plant C.A.M.'s for monitoring iodine are operable for iodine > 1 MPC.

___26. Periodically update field RMT's as to plant's emergency status.

___27. Withdraw RMT's from plume path when not actively surveying.

___28. Relinquish control of RMT's to Dose Assessment Director when EOF is manned and permission from ED is granted.

___29. Recommend relocation of assembly areas to the ED.

3

HP TECHS/RMT
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

FIRE:

___1. Report to HP office adjacent to control room unless otherwise instructed by control room.

___2. Don protective clothing and respiratory protection equipment.

___3. Accompany members of fire brigade to the fire.

___4. Survey the area of the fire to determine radiological hazards, supervise the use of protective clothing and equipment.

___5. Meet outside agencies at the CSC, issue them dosimetry, and remain with them inside the controlled area.

___6. Comply with EIP-10 during evacuations.

___7. Comply with EIP-11 with injured personnel.

___8. Comply with EIP-13 when supporting fire brigade.

___9. Decontaminate all personnel and equipment upon leaving RCA.

___10. Survey all off-site personnel, equipment, and vehicles prior to releasing them from the protected area.

___11. Ensure the return of all APCO equipment issued to outside agencies.

___12. Obtain the name and social security number of each off-site individual who entered the Protected Area and correlate the information with the appropriate personnel dosimetry device.

___13. Obtain personnel dosimetry devices and other APCO property from ambulance personnel when they are released.

PERSONNEL INJURY:

___1. Establish the degree of contamination and exposure of the patient.

___2. Establish protective clothing requirements for first aid personnel and/or ambulance personnel.

___3. Decontaminate the casualty and minimize the spread of contamination.

___4. Read the casualty(s) personnel dosimetry to determine classification and replace dosimetry (unexposed) on the contaminated area.

___5. Prepare the casualty for transportation to a medical treatment facility, if necessary.

___6. Assist the hospital staff as required.

___7. Periodically inform the ED as to the casualty's dispositions.

___8. Detain ambulance and its attendants at hospital until properly monitored and decontaminated.

HOSPITAL:

___1. Prepare morgue to receive casualty.

___2. Maintain a log of all personnel who enter the radiation casualty receiving area.

___3. Ensure ventilation system registers closed if high levels of contamination are involved.

___4. Ensure drain valves aligned to holding tank.

___5. Issue and log personnel monitoring devices to hospital personnel.

___6. Keep the doctor informed of radiation and contamination levels.

___7. Monitor the patient when directed by the doctor.

___8. Ensure all body excreta and excised tissue are placed in appropriately sealed and labeled containers.

___9. Provide decontamination information to doctor as requested.

___10. Advise doctor of radiological precautions necessary during and after transfer.

___11. After patient has left the RCRA, survey personnel, equipment, and area.

___12. Survey ambulance, ambulance personnel, path of casualty, and direct decontamination efforts if needed.

___13. Collect and prepare all bioassay personnel, path of casualty, and direct decontamination efforts.

___14. Sample the run-off in the holdup tank for analysis at the plant.

___15. Obtain personnel monitoring devices and appropriate information from hospital personnel.

___16. Document all survey data and record all actions in the log book.

___17. Maintain communications with ED or Health Physics Manager.

RE-ENTRY:

___1. Com y with EIP-14 if a member of a re-entry team.

___2. Don PC's and emergency equipment and perform radiological surveys as directed.

___3. Post and establish controlled access areas as appropriate.

___4. Report findings to TSC or EOF.

___5. Document Survey Data.

RMT:

___1. Obtain the RMT kit, check operability, and don necessary protective clothing.

___2. Proceed to the ENV vehicle placard and perform radio operability check.

___3. Perform direct radiation, air particulate, and radioiodine surveys.

___4. Replace any TLD in the area and post additional TLD's as directed.

___5. Document survey data.

___6. Relay data to the EOF or TSC.

___7. If a vehicular accident shou occur enroute to SAMC and the Plant Emergency Vehicle or ambu ere to remain unattended, lock the vehicle, if radioactive r are involved placard "Radioactive".

___8. Take soil, water, air, an tion samples.

HOUSTON/EARLY COUNTY EOC LIAISON
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

___1. Report to TSC.

___2. Determine plant status.

___3. Verify ED/TM briefing includes updated plant status, any press release information and approved route offsite with security approval.

___4. Report to the Dose Assessment Room at the Houston/Early County Courthouse at the direction of the Recovery Manager.

___5. Provide state and county government personnel with explanations of plant terminology, hardware, and operation.

___6. Notify the Technical Manager (TSC), ED Assistant or Dose Assessment Director (EOF) if communication problems become evident or if significant off-site actions are pending.

___7. Refrain from providing information or comments to news media personnel.

EMERGENCY COORDINATOR
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

___1. Activate the General Office Emergency Organization in accordance with EIP-111.

___2. Obtain the emergency classification, and description of conditions and prognosis from the ED.

___3. Contact an the ESM to act as NMC spokesman.

___4. Determine mode of transportation to the plant site and make provisions.

___5. Contact the on-call Public Information Emergency Coordinator to activate the Corporate Communication Emergency Organization.

___6. Have the ASD contact on-call individuals per GO-EIP-111.

___7. Notify TSC of EOC Activation.

___8. Establish contact with Recovery Manager.

___9. Brief upper management on emergency and provide periodic update.

___10. Provide NMC Spokesperson with status briefing when he arrives at NMC.

___11. Deactivate EOC at direction of ESM.

___12. Ensure that Tech Manager has dispatched plant personnel to staff EOF.

___13. Coordinate as necessary to issue a press release per GO-EIP-114.

___14. Coordinate performance of "Notification" section per EIP-111.

___15. Advises chopper of plume path if release is in progress.

___16. Keep adequate log of events.

RECOVERY MANAGER
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

___1. Review Plant Parameter Status Boards.

___2. Review off-site agency status.

___3. Review requests for off-site assistance.

___4. Review off-site Protective Action Status.

___5. Review Dose Assessment Status with Dose Assessment Director.

___6. Review Administrative Support Status with the RMA.

___7. Review Engineering and Licensing Status with Engineering and Licensing Support Director.

___8. Coordination of SNC emergency response activities with local, state and federal organization.

___9. Serve as company spokeperson if no ESM is available.

___10. Direct the overall recovery effort.

___11. Review news releases.

___12. Analyze data to make deescalation decision.

___13. Review "On-Duty Supervision" status boards.

___14. Review [illegible]-Plant Protective Actions.

___15. Review Public Information Status.

___16. Update "On-Duty Supervision" status board.

___17. Notify affected organizations of shift turnover completion.

DOSE ASSESSMENT DIRECTOR
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

___1. Coordinate company environmental monitoring activities.

___2. Evaluate the magnitude and effect of actual or potential radioactive releases.

___3. Maintain appropriate status boards.

___4. Provide RM with recommendations for off-site protective measures.

___5. Review status of off-site dose calculations.

___6. Review existing meteorology and status of projections.

___7. Review status of SNC RMT.

___8. Review status of AL & GA RMT.

___9. Review status of environmental monitoring activities.

___11. Ensure Dose assessment status boards are current.

___12. Notify RM shift turnover is complete and update "On-duty Supervision" status board.

ADMINISTRATIVE SUPPORT DIRECTOR
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

___1. Maintain on-duty status boards.

___2. Establish shift schedules for EOC personnel.

___3. Review status of all incomplete requests for materials and supplies.

___4. Review status of all requests for manpower.

___5. Review status of logistics associated with manpower augmentation.

___6. Review status of corporate support organizations.

___7. Provide for the manning of emergency communications.

___8. Provide special communication needs.

___9. Provide for manpower augmentation.

___10. Administrative special budget activities.

___11. Provide clerical support.

ENGINEERING AND LICENSING SUPPORT DIRECTOR
EMERGENCY ACTION CHECKLIST
FOR DRILL MONITORS

___1. Review engineering support agency status.

___2. Review status of incomplete requests for engineering support.

___3. Review status of onsite engineering manpower augmentations.

___4. Ensure that appropriate boards are current.

___5. Notify EC of turnover completion and update "On-Duty Supervision" status board.

___6. Notify engineering support organizations.

___7. Coordinate information and obtain release approval for Network news releases as directed.

MONITOR CHECK LIST

CORPORATE HEADQUARTERS

______ 1. PIEC is notified of event and notes information given to him.

______ 2. PIEC reviews available manpower pool and makes position assignments.

______ 3. PIEC notifies Activation Assistant of event, gives her position assignments, and instructs her to proceed with notification procedures.

______ 4. PIEC contacts senior available PISC and advises him of situation and departure time/location.

______ 5. PIEC contacts VP-Public Affairs and advises him of situation.

______ 6. PIEC contacts Corp. Media Coord. and instructs him to report to the Corporate Headquarters (and notify other staff if needed).

______ 7. PIEC contact PI EOC Coord. and instructs to report to EOC (and notify other staff if needed).

______ 8. PIEC contacts PI EOF Coord. and advises him of situation and departure time/location.

______ 9. PIEC contact NMC Coord. and instructs to report to NMC.

______ 10. PIEC contacts PI Emergency Staff Office Coord. and instructs to notify personnel and report to EOF for set-up.

______ 11. Activation Assistant contacts Asst. Corp. Media Coord. and instructs to report to Corp. Headquarters.

______ 12. Activation Assistant contacts NMC Media Relations Coord. and instructs to Report to NMC.

______ 13. Activation Assistant contacts NMC Asst. Media Relations Coord. and instructs to report to NMC.

______ 14. Activation Assistant contacts NMC Assistant and instructs to report to NMC after making other NMC staff notifications.

______ 15. Activation Assistant contacts Employee Communication Coord. and notifies to report to Corporate Headquarters after notifying needed staff.

______ 16. Activation Assistant contacts Headquarters Rumor Control personnel and notifies to report to Corporate Headquarters.

______ 17. Activation Assistant contacts Emergency Telephone Answering Center Coord. and notifies to report to Corporate Headquarters.

_____ 18. Activation Assistant contacts Security and instructs to report to News Media Center in Dothan after making arrangements for security guards to also report to News Media Center in Dothan.

_____ 19. Activation Assistant contacts Select Groups & Political Liaison Coord. and instructs to report to Corporate Headquarters after notifying other needed staff.

_____ 20. Activation Assistant contacts Financial personnel and notifies to report to Corporate Headquarters after notifying other needed staff.

_____ 21. Activation Assistant contacts Corporate Headquarters support staff and instructs to report to the Corporate Headquarters.

_____ 22. Activation Assistant contacts any additional personnel needed and gives them instructions as indicated by PIEC.

_____ 23. Activation Assistant reports status of activation to PIEC and, once organization is activated, reports to emergency assignment.

_____ 24. Corporate Media Coordinator coordinates the activities of the media reps located at headquarters.

_____ 25. Corporate Media Coordinator coordinates agency approval and PISC approval of news releases prior to activation of the News Media Center in Dothan.

_____ 26. Corporate Media Coord. coordinates requests for information from the media.

_____ 27. Corporate Media Coord. monitors state and national media reports and evaluates consistency of information and effectiveness of public information releases.

_____ 28. Telephone Emergency Answering Center Coord. maintains and updates the emergency telephone actuality system.

_____ 29. Employee Communication Coordinator disseminates information to company employees and to system employee communications organizations.

_____ 30. Employee Communication Coordinator responds to inquiries from employees regarding drill or emergency.

_____ 31. Corporate Headquarters Rumor Control notes rumors reported to the company and responds to those concerning Alabama Power or refers the call to the proper emergency management agency for response.

_____ 32. Select Groups and Political Liaison Coord. is responsible for providing information to public officials who require information during an emergency at the Farley Nuclear Plant.

328

_____ 33. The Financial area coordinates requests for information from financial organizations.

_____ 34. Corporate Headquarters Security is responsible for preventing unauthorized personnel from entering the emergency organization's area.

MONITOR CHECK LIST

EMERGENCY OPERATIONS FACILITY

_____ 1. PI ESOC contacts FNP Visitors Center Staff and coordinates their emergency activities.

_____ 2. PI ESOC calls Southeast Division Telecommunications to set up public address system and communication equipment at the News Media Center.

_____ 3. PI ESOC verifies security has been contacted and personnel are en route to the NMC.

_____ 4. PI ESOC instructs NMC Equipment Coord. to obtain equipment and supplies and set up in the News Media Center.

_____ 5. PI ESOC instructs staff to obtain office equipment and supplies for Emergency Operations Facility.

_____ 6. PI ESOC secures and schedules any necessary local transportation needed for public information staff and activities.

_____ 7. PI ESOC contacts the principal at Northview High School and arranges for the facilities at the high school to be available and doors unlocked.

_____ 8. PI ESOC verifies with NMC Equipment Coord. that all equipment listed in Appendix 4 of GO-EIP-118 is set up and operational at the NMC.

_____ 9. PI ESOC designates personnel to coordinate NMC operations until the coordinator arrives.

_____ 10. PI ESOC insures proper installation of telecopier, telephones and other equipment at EOF.

_____ 11. PI ESOC establishes communication with Emergency Operations Center and obtains all news releases from Corporate Headquarters.

_____ 12. PI ESOC sets up office space for EOF Coordinator.

_____ 13. PI ESOC assists EOF Coordinator.

_____ 14. PI ESOC assures that all EOF communications facilities remain

functional.

______ 15. PI ESOC maintains supplies for EOF.

______ 16. PI EOF Coordinator works with Nuclear Generation EOF personnel in obtaining information necessary for preparing news release drafts.

______ 17. PI EOF Coordinator prepares news release drafts for approval.

______ 18. EOF Coordinator maintains contact with PISC and NMC Coordinator.

MONITOR CHECK LIST

NEWS MEDIA CENTER

______ 1. Upon arrival at the NMC, the Equipment Coordinator contacts the principal at Northview to clear immediate admittance to the NMC.

______ 2. NMC Equipment Coordinator obtains office/communication equipment and coordinates set-up and testing of equipment at NMC.

______ 3. Southeast Division Telecommunications sets up and tests public address system & communications equipment at the NMC.

______ 4. NMC Equipment Coord. & SE Div. Telecommunications report status of equipment operability upon arrival of NMC Coordinator and NMC Assistant.

______ 5. NMC Assistant sets up offices in News Media Center.

______ 6. NMC Assistant & Equipment Coord. set up news release posting area, bulletin boards and other informational boards in the agency room.

______ 7. Equipment Coord. sets up news conference room and the media room.

______ 8. NMC Coord. obtains copies of all news releases from Corporate Headquarters.

______ 9. NMC Assistant verifies proper security is established and briefs security guards prior to NMC activation.

______ 10. NMC Assistant distributes media kits and agency kits.

______ 11. NMC Coord. notifies PISC that NMC is ready for activation.

______ 12. NMC Coord. notifies Corporate Headquarters, EOF and EOC that the News Media Center is activated.

______ 13. PISC, NMC Coord. and NMC Assistant contact agency personnel and coordinate as needed.

_______ 14. NMC Media Relations Coord. notifies media of NMC activation.

_______ 15. NMC Asst. coordinates agency approval, PISC approval, NMC Coordinator approval and NMC Media Relations Coord. approval on news release drafts and notifies EOF of changes.

_______ 16. Media Relations Coord. posts and distributes approved news releases to reporters.

_______ 17. NMC Assistant Posts and distributes approved news releases to agency personnel and APCo personnel and spokespersons.

_______ 18. PISC & NMC Coordinator maintain communications with and coordinate news conferences with public information agency personnel and the NRC.

_______ 19. Media Relations Coord. notifies media of times for news conferences.

_______ 20. PISC and/or NMC Media Relations Coordinator acts as moderator during news conferences at the NMC.

_______ 21. Media Relations Coordinator monitors local news media reports and evaluates public information effectiveness.

_______ 22. Equipment Coordinator & SE Div. Telecommunication maintain all equipment in working order.

_______ 23. PISC directs activities of the Corp. Comm. Emergency Org. and maintains contact with all areas of the organization.

_______ 24. PISC coordinates acquisition of additional public information support personnel from other system companies as needed.

_______ 25. Media Relations Coordinator coordinates requests for information from the media.

_______ 26. NMC Rumor Control notes rumors reported to the NMC and responds to those concerning APCo and refers the others to the proper emergency management agency for response.

_______ 27. NMC Assistant coordinates support activities for the emergency management agencies.

_______ 28. NMC Media Relations Coord. coordinates all activities in the News Media Room and the News Conference Room.

_______ 29. Media Relations Coord. coordinates activities of NMC media Relations personnel.

_______ 30. NMC security is responsible for signing in and badging anyone entering the NMC.

_______ 31. NMC security is responsible for preventing entry of unauthorized personnel into the NMC.

_______ 32. NMC security is responsible for preventing the media from entering the agency room.

APPENDIX A

SPDS - Radiation Monitor
Data Screens

(PPC Group Review Page 16 & 17)

RE0002	CTMT AREA MONITOR	2.43e-02	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	8.40e-03	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	1.00e+00	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	9.85e-01	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	1.64e+02	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.30e+03	CPM
RE0012	CTMT GAS MONITOR	2.09e+03	CPM
RE0013	WASTE GAS PROCESSING MONITOR	3.40e+03	CPM
RE0014	VENT GAS MONITOR	2.29e+03	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	5.21e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	7.93e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.18e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.74e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	7.32e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	8.25e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	1.64e+02	CPM
RE0022	VENT GAS MONITOR	4.12e+01	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	5.13e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.50e+01	CPM
RE0024A	CTMT PURGE MONITOR	1.54e+04	CPM
RE0024B	CTMT PURGE MONITOR	1.51e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.63e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.31e+01	CPM
RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.01e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	6.19e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	3.24e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	2.04e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	8.07e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.21e+03	CPM

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.53e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.75e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	8.10e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	5.04e-11	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	7.86e-06	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.17e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.12e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.28e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.14e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

Time: 08:15:00

RE0002	CTMT AREA MONITOR	2.43e-02	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	8.94e-03	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	1.00e+00	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	1.03e+00	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	1.93e+02	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.66e+03	CPM
RE0012	CTMT GAS MONITOR	2.09e+03	CPM
RE0013	WASTE GAS PROCESSING MONITOR	4.34e+05	CPM
RE0014	VENT GAS MONITOR	2.29e+03	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	4.93e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	7.82e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.22e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.67e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	7.43e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	7.94e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	1.99e+02	CPM
RE0022	VENT GAS MONITOR	4.12e+01	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	5.19e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.32e+01	CPM
RE0024A	CTMT PURGE MONITOR	1.54e+04	CPM
RE0024B	CTMT PURGE MONITOR	1.51e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.55e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.48e+01	CPM
RE0003	RADIC CHEMISTRY LAB AREA MONITOR	2.17e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	6.23e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	2.82e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	2.04e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	7.97e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.21e+03	CPM

Time: 08:15:00

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.42e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.45e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	7.68e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	4.35e-11	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	7.88e-06	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.19e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.09e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.28e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.12e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

RE0002	CTMT AREA MONITOR	2.36e-02	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	8.44e-03	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	1.00e+00	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	9.13e-01	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	1.63e+02	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.51e+03	CPM
RE0012	CTMT GAS MONITOR	2.09e+03	CPM
RE0013	WASTE GAS PROCESSING MONITOR	4.28e+05	CPM
RE0014	VENT GAS MONITOR	2.29e+03	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	4.81e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	7.62e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.17e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.87e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	6.46e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	7.32e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.12e+02	CPM
RE0022	VENT GAS MONITOR	4.12e+01	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	5.17e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.27e+01	CPM
RE0024A	CTMT PURGE MONITOR	1.54e+04	CPM
RE0024B	CTMT PURGE MONITOR	1.51e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.68e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.00e+01	CPM
RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.04e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	6.49e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	2.70e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	2.04e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	8.87e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.21e+03	CPM

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.46e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.53e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	7.63e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	4.31e-11	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	8.08e-06	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.23e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.18e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.32e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.13e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

RE0002	CTMT AREA MONITOR	2.36e-02	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	9.45e-03	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	1.00e+00	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	9.20e-01	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	1.59e+02	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.30e+03	CPM
RE0012	CTMT GAS MONITOR	2.09e+03	CPM
RE0013	WASTE GAS PROCESSING MONITOR	3.25e+05	CPM
RE0014	VENT GAS MONITOR	2.29e+03	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	5.21e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	7.58e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.16e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.72e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	6.57e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	7.82e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.20e+02	CPM
RE0022	VENT GAS MONITOR	4.12e+01	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	5.09e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.05e+01	CPM
RE0024A	CTMT PURGE MONITOR	1.54e+04	CPM
RE0024B	CTMT PURGE MONITOR	1.51e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.57e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.13e+01	CPM
RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.16e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	6.52e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	2.97e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	2.04e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	7.84e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.21e+03	CPM

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.45e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.62e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	8.74e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	4.60e-11	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	8.45e-06	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.24e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.31e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.28e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.07e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

RE0002	CTMT AREA MONITOR	2.36e-02	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	8.46e-03	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	1.00e+00	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	1.01e+00	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	1.68e+02	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.20e+03	CPM
RE0012	CTMT GAS MONITOR	2.09e+03	CPM
RE0013	WASTE GAS PROCESSING MONITOR	4.20e+05	CPM
RE0014	VENT GAS MONITOR	2.29e+03	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	4.86e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	7.68e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.25e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.80e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	7.68e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	7.52e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	1.68e+02	CPM
RE0022	VENT GAS MONITOR	4.12e+01	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	4.76e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.04e+01	CPM
RE0024A	CTMT PURGE MONITOR	1.54e+04	CPM
RE0024B	CTMT PURGE MONITOR	1.51e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.54e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.59e+01	CPM
RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.19e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	6.46e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	2.53e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	2.04e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	7.52e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.21e+03	CPM

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.57e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.64e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	7.64e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	5.00e-11	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	9.13e-06	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.25e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.25e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.28e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.15e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

1

IMAGE EVALUATION TEST TARGET (MT-3)

150mm

6"

1

IMAGE EVALUATION TEST TARGET (MT-3)

150mm

6"

1

IMAGE EVALUATION TEST TARGET (MT-3)

150mm

6"

1

IMAGE EVALUATION
TEST TARGET (MT-3)

150mm

6"

RE0002	CTMT AREA MONITOR	2.45e-02	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	1.00e-02	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	1.00e+00	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	1.04e+00	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	2.06e+02	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.34e+03	CPM
RE0012	CTMT GAS MONITOR	2.09e+03	CPM
RE0013	WASTE GAS PROCESSING MONITOR	4.25e+05	CPM
RE0014	VENT GAS MONITOR	2.29e+03	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	4.90e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	7.66e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.20e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.73e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	7.49e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	7.90e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	1.88e+02	CPM
RE0022	VENT GAS MONITOR	4.12e+01	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	5.01e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.50e+01	CPM
RE0024A	CTMT PURGE MONITOR	1.54e+04	CPM
RE0024B	CTMT PURGE MONITOR	1.51e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.59e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.14e+01	CPM
RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.06e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	7.83e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	2.72e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	2.04e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	7.48e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.21e+03	CPM

 Time: 09:15:00

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.55e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.56e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	7.96e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	4.75e-11	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	7.80e-06	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.19e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.30e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.29e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.10e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

Time: 09:15:00

RE0002	CTMT AREA MONITOR	2.44e-02	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	9.68e-03	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	1.00e+00	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	1.02e+00	R/HR

RE0010	PENE ROOM FILT PARTICULATE MONITOR	1.75e+02	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.14e+03	CPM
RE0012	CTMT GAS MONITOR	2.09e+03	CPM
RE0013	WASTE GAS PROCESSING MONITOR	3.98e+05	CPM
RE0014	VENT GAS MONITOR	2.29e+03	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	5.15e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	8.20e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.20e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.69e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	6.58e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	6.91e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.10e+02	CPM
RE0022	VENT GAS MONITOR	4.12e+01	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	5.17e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.51e+01	CPM
RE0024A	CTMT PURGE MONITOR	1.54e+04	CPM
RE0024B	CTMT PURGE MONITOR	1.51e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.57e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.19e+01	CPM

RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.16e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	8.24e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	3.35e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	2.04e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	7.96e-01	MR/HR

RE0050	GROSS FAILED FUEL DETECTOR	1.21e+03	CPM

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.43e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.63e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	6.44e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	5.05e-11	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	8.03e-06	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.22e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.31e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.36e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.07e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

RE0002	CTMT AREA MONITOR	2.43e-02	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	9.82e-03	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	1.00e+00	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	9.24e-01	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	1.81e+02	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.56e+03	CPM
RE0012	CTMT GAS MONITOR	2.09e+03	CPM
RE0013	WASTE GAS PROCESSING MONITOR	3.83e+05	CPM
RE0014	VENT GAS MONITOR	2.29e+03	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	4.98e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	8.01e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.20e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.89e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	7.44e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	6.93e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	1.85e+02	CPM
RE0022	VENT GAS MONITOR	4.12e+01	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	4.82e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.05e+01	CPM
RE0024A	CTMT PURGE MONITOR	1.54e+04	CPM
RE0024B	CTMT PURGE MONITOR	1.51e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.67e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.07e+01	CPM
RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.15e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	8.56e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	2.67e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	2.04e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	7.37e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.21e+03	CPM

Time: 09:45:00

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.59e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.69e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	8.32e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	4.76e-11	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	7.79e-06	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.15e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.14e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.36e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.11e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

Time: 09:45:00

RE0002	CTMT AREA MONITOR	7.19e+02	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	3.20e+02	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	1.49e+01	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	1.76e+01	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	2.01e+02	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.48e+03	CPM
RE0012	CTMT GAS MONITOR	2.52e+02	CPM
RE0013	WASTE GAS PROCESSING MONITOR	4.29e+05	CPM
RE0014	VENT GAS MONITOR	1.94e+03	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	5.10e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	8.14e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.20e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.78e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	7.73e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	8.07e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.23e+02	CPM
RE0022	VENT GAS MONITOR	3.77e+01	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	5.18e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.76e+01	CPM
RE0024A	CTMT PURGE MONITOR	6.25e+04	CPM
RE0024B	CTMT PURGE MONITOR	6.14e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.60e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.41e+01	CPM
RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.00e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	2.28e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	2.60e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	1.53e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	8.81e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.27e+02	CPM

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.42e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.69e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	8.90e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	5.00e-11	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	8.11e-06	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.09e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.16e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.35e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.11e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

RE0002	CTMT AREA MONITOR	1.74e+03	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	7.73e+02	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	3.73e+01	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	4.40e+01	R/HR

RE0010	PENE ROOM FILT PARTICULATE MONITOR	1.90e+02	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.48e+03	CPM
RE0012	CTMT GAS MONITOR	2.44e+02	CPM
RE0013	WASTE GAS PROCESSING MONITOR	3.87e+05	CPM
RE0014	VENT GAS MONITOR	1.90e+03	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	5.06e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	7.97e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.21e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.89e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	7.06e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	7.72e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.18e+02	CPM
RE0022	VENT GAS MONITOR	3.87e+01	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	4.91e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.17e+01	CPM
RE0024A	CTMT PURGE MONITOR	5.81e+04	CPM
RE0024B	CTMT PURGE MONITOR	5.71e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.53e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.39e+01	CPM

RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.14e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	1.88e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	3.18e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	1.84e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	8.82e-01	MR/HR

RE0050	GROSS FAILED FUEL DETECTOR	1.27e+02	CPM

Time: 10:15:00

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.57e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.70e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	7.18e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	4.56e-11	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	8.26e-06	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.12e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.14e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.26e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.13e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

RE0002	CTMT AREA MONITOR	2.14e+03	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	9.53e+02	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	4.61e+01	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	5.45e+01	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	1.67e+02	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.52e+03	CPM
RE0012	CTMT GAS MONITOR	2.80e+02	CPM
RE0013	WASTE GAS PROCESSING MONITOR	3.67e+05	CPM
RE0014	VENT GAS MONITOR	1.72e+03	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	4.81e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	8.12e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.24e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.78e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	6.47e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	8.20e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.23e+02	CPM
RE0022	VENT GAS MONITOR	3.96e+01	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	4.76e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.72e+01	CPM
RE0024A	CTMT PURGE MONITOR	5.54e+04	CPM
RE0024B	CTMT PURGE MONITOR	5.44e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.61e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.48e+01	CPM
RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.02e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	2.03e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	3.03e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	1.99e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	8.00e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.27e+02	CPM

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.51e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.62e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	6.25e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	4.68e-11	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	8.01e-06	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.15e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.28e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.34e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.05e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

RE0002	CTMT AREA MONITOR	2.31e+03	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	1.03e+03	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	4.97e+01	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	5.87e+01	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	6.74e+06	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.40e+03	CPM
RE0012	CTMT GAS MONITOR	2.54e+02	CPM
RE0013	WASTE GAS PROCESSING MONITOR	3.41e+05	CPM
RE0014	VENT GAS MONITOR	2.18e+05	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	5.16e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	8.15e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.24e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.94e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	6.63e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	7.96e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.09e+05	CPM
RE0022	VENT GAS MONITOR	2.62e+04	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	4.94e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.61e+01	CPM
RE0024A	CTMT PURGE MONITOR	5.35e+04	CPM
RE0024B	CTMT PURGE MONITOR	5.25e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.67e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.20e+01	CPM
RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.05e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	2.48e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	2.53e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	2.11e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	8.27e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.27e+02	CPM

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.57e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.59e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	7.18e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	4.76e-07	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	7.93e-02	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.11e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.14e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.25e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.13e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

RE0002	CTMT AREA MONITOR	2.35e+03	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	1.04e+03	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	5.02e+01	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	5.93e+01	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	7.18e+06	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.26e+03	CPM
RE0012	CTMT GAS MONITOR	2.85e+02	CPM
RE0013	WASTE GAS PROCESSING MONITOR	3.45e+05	CPM
RE0014	VENT GAS MONITOR	2.37e+05	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	5.16e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	8.02e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.25e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.62e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	7.29e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	7.78e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.26e+05	CPM
RE0022	VENT GAS MONITOR	2.85e+04	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	5.11e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.76e+01	CPM
RE0024A	CTMT PURGE MONITOR	5.20e+04	CPM
RE0024B	CTMT PURGE MONITOR	5.10e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.67e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.53e+01	CPM
RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.11e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	2.29e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	2.79e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	2.03e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	8.52e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.27e+02	CPM

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.47e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.66e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	7.70e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	5.18e-07	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	8.63e-02	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.12e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.19e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.33e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.10e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

RE0002	CTMT AREA MONITOR	2.31e+03	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	1.03e+03	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	4.89e+01	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	5.78e+01	R/HR

RE0010	PENE ROOM FILT PARTICULATE MONITOR	7.25e+06	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.47e+03	CPM
RE0012	CTMT GAS MONITOR	2.65e+02	CPM
RE0013	WASTE GAS PROCESSING MONITOR	3.83e+05	CPM
RE0014	VENT GAS MONITOR	2.54e+05	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	4.76e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	7.72e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.20e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.61e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	7.35e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	7.30e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.32e+05	CPM
RE0022	VENT GAS MONITOR	3.05e+04	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	4.80e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.21e+01	CPM
RE0024A	CTMT PURGE MONITOR	5.08e+04	CPM
RE0024B	CTMT PURGE MONITOR	4.98e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.53e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.41e+01	CPM

RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.02e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	2.46e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	2.44e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	1.97e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	8.22e-01	MR/HR

RE0050	GROSS FAILED FUEL DETECTOR	1.27e+02	CPM

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.41e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.60e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	8.20e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	5.35e-07	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	9.24e-02	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.27e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.29e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.30e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.08e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

RE0002	CTMT AREA MONITOR	2.23e+03	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	9.91e+02	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	4.67e+01	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	5.52e+01	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	7.11e+06	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.41e+03	CPM
RE0012	CTMT GAS MONITOR	2.84e+02	CPM
RE0013	WASTE GAS PROCESSING MONITOR	3.70e+05	CPM
RE0014	VENT GAS MONITOR	2.67e+05	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	4.82e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	7.95e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.21e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.91e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	6.82e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	8.03e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.31e+05	CPM
RE0022	VENT GAS MONITOR	3.20e+04	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	4.88e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.44e+01	CPM
RE0024A	CTMT PURGE MONITOR	4.97e+04	CPM
RE0024B	CTMT PURGE MONITOR	4.88e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.57e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.24e+01	CPM
RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.16e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	2.45e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	2.59e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	1.92e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	7.53e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.27e+02	CPM

Time: 11:30:00

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.43e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.44e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	7.08e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	5.37e-07	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	9.70e-02	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.28e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.11e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.32e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.13e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

RE0002	CTMT AREA MONITOR	2.12e+03	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	9.43e+02	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	4.40e+01	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	5.20e+01	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	6.87e+06	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.66e+03	CPM
RE0012	CTMT GAS MONITOR	2.57e+02	CPM
RE0013	WASTE GAS PROCESSING MONITOR	4.00e+05	CPM
RE0014	VENT GAS MONITOR	2.76e+05	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	4.75e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	8.27e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.15e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.87e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	6.94e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	6.89e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.26e+05	CPM
RE0022	VENT GAS MONITOR	3.31e+04	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	4.79e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.36e+01	CPM
RE0024A	CTMT PURGE MONITOR	4.87e+04	CPM
RE0024B	CTMT PURGE MONITOR	4.78e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.61e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	7.79e+01	CPM
RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.19e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	2.09e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	2.35e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	1.54e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	8.04e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.27e+02	CPM

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.43e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.74e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	8.20e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	5.28e-07	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	1.00e-01	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.12e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.13e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.32e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.06e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

RE0002	CTMT AREA MONITOR	2.05e+03	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	9.13e+02	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	4.22e+01	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	4.98e+01	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	6.64e+06	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.39e+03	CPM
RE0012	CTMT GAS MONITOR	2.83e+02	CPM
RE0013	WASTE GAS PROCESSING MONITOR	3.33e+05	CPM
RE0014	VENT GAS MONITOR	2.84e+05	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	5.25e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	7.75e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.24e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.71e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	6.86e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	8.21e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.26e+05	CPM
RE0022	VENT GAS MONITOR	3.41e+04	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	4.88e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.42e+01	CPM
RE0024A	CTMT PURGE MONITOR	4.78e+04	CPM
RE0024B	CTMT PURGE MONITOR	4.69e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.60e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.03e+01	CPM
RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.00e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	1.81e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	3.41e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	1.97e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	8.46e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.27e+02	CPM

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.54e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.72e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	8.53e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	5.34e-07	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	1.03e-01	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.21e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.12e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.28e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.07e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

RE0002	CTMT AREA MONITOR	1.97e+03	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	8.74e+02	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	4.00e+01	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	4.72e+01	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	6.36e+06	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.20e+03	CPM
RE0012	CTMT GAS MONITOR	2.96e+02	CPM
RE0013	WASTE GAS PROCESSING MONITOR	4.10e+05	CPM
RE0014	VENT GAS MONITOR	2.91e+05	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	5.03e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	8.10e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.25e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.67e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	6.98e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	8.10e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.22e+05	CPM
RE0022	VENT GAS MONITOR	3.49e+04	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	5.21e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.44e+01	CPM
RE0024A	CTMT PURGE MONITOR	4.70e+04	CPM
RE0024B	CTMT PURGE MONITOR	4.61e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.62e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.38e+01	CPM
RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.10e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	2.32e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	3.05e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	1.52e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	7.72e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.27e+02	CPM

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.41e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.55e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	8.70e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	5.29e-07	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	1.06e-01	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.27e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.30e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.30e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.15e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

RE0002	CTMT AREA MONITOR	1.89e+03	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	8.39e+02	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	3.80e+01	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	4.49e+01	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	6.09e+06	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.20e+03	CPM
RE0012	CTMT GAS MONITOR	2.97e+02	CPM
RE0013	WASTE GAS PROCESSING MONITOR	3.64e+05	CPM
RE0014	VENT GAS MONITOR	2.96e+05	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	4.97e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	8.10e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.15e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.72e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	6.53e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	7.86e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.18e+05	CPM
RE0022	VENT GAS MONITOR	3.55e+04	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	5.23e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.29e+01	CPM
RE0024A	CTMT PURGE MONITOR	4.62e+04	CPM
RE0024B	CTMT PURGE MONITOR	4.53e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.59e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	7.88e+01	CPM
RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.17e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	2.21e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	2.51e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	2.12e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	8.43e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.27e+02	CPM

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.55e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.60e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	6.49e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	5.24e-07	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	1.07e-01	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.20e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.22e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.33e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.10e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

RE0002	CTMT AREA MONITOR	1.82e+03	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	8.08e+02	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	3.62e+01	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	4.28e+01	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	5.84e+06	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.24e+03	CPM
RE0012	CTMT GAS MONITOR	2.45e+02	CPM
RE0013	WASTE GAS PROCESSING MONITOR	3.20e+05	CPM
RE0014	VENT GAS MONITOR	2.99e+05	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	4.91e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	8.16e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.23e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.74e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	6.98e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	7.56e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.15e+05	CPM
RE0022	VENT GAS MONITOR	3.59e+04	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	4.85e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.70e+01	CPM
RE0024A	CTMT PURGE MONITOR	4.54e+04	CPM
RE0024B	CTMT PURGE MONITOR	4.46e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.61e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.15e+01	CPM
RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.11e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	2.13e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	2.40e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	1.56e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	8.33e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.27e+02	CPM

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.50e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.44e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	7.50e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	5.22e-07	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	1.09e-01	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.12e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.28e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.28e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.10e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

RE0002	CTMT AREA MONITOR	1.77e+03	R/HR
RE0007	CTMT INCORE SEAL AREA MONITOR	7.85e+02	R/HR
RE0027A	CTMT RADIATION HIGH LEVEL CHAN A	3.49e+01	R/HR
RE0027B	CTMT RADIATION HIGH LEVEL CHAN B	4.13e+01	R/HR
RE0010	PENE ROOM FILT PARTICULATE MONITOR	5.64e+06	CPM
RE0011	CTMT AIR PARTICULATE MONITOR	5.50e+03	CPM
RE0012	CTMT GAS MONITOR	2.68e+02	CPM
RE0013	WASTE GAS PROCESSING MONITOR	3.71e+05	CPM
RE0014	VENT GAS MONITOR	3.01e+05	CPM
RE0017A	COMPONENT COOLING WATER MONITOR	4.89e+01	CPM
RE0017B	COMPONENT COOLING WATER MONITOR	7.70e+01	CPM
RE0018	WASTE DISPOSAL LIQUID MONITOR	1.24e+03	CPM
RE0019	SG BLOWDOWN SAMPLE MONITOR	3.67e+01	CPM
RE0020A	SW FROM CTMT CLR TRN A MONITOR	7.60e+01	CPM
RE0020B	SW FROM CTMT CLR TRN B MONITOR	7.47e+01	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.13e+05	CPM
RE0022	VENT GAS MONITOR	3.61e+04	CPM
RE0023A	SG BLOWDOWN TREATMENT MONITOR	4.96e+01	CPM
RE0023B	SG BLOWDOWN TREATMENT MONITOR	7.40e+01	CPM
RE0024A	CTMT PURGE MONITOR	4.49e+04	CPM
RE0024B	CTMT PURGE MONITOR	4.40e+04	CPM
RE0025A	SPENT FUEL POOL AREA MONITOR	1.54e+03	CPM
RE0025B	SPENT FUEL POOL AREA MONITOR	8.34e+01	CPM
RE0003	RADIO CHEMISTRY LAB AREA MONITOR	2.15e-01	MR/HR
RE0004	CHARGING PUMP ROOM AREA MONITOR	2.50e+00	MR/HR
RE0005	FUEL HANDLING BLDG AREA MONITOR	2.52e-01	MR/HR
RE0006	SAMPLE AREA MONITOR	1.45e-01	MR/HR
RE0008	DRUMMING STATION AREA MONITOR	7.43e-01	MR/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.27e+02	CPM

RE0015A	SJAE EXHAUST LOW RANGE MONITOR	4.57e+01	CPM
RE0015B	SJAE EXHAUST MID RANGE MONITOR	1.49e-02	MR/HR
RE0015C	SJAE EXHAUST HI RANGE MONITOR	8.84e-06	R/HR
RE0029B	VENT IODINE GAS (SPING-4)	5.19e-07	UC/ML
RE0029B	VENT NOBLE GAS (SPING-4)	1.09e-01	UC/ML
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.28e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.31e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.24e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.07e-02	R/HR
RE0070A	SG A N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070B	SG B N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD
RE0070C	SG C N16 LEAK DETECTIONS SYSTEM	0.00e+00	GPD

APPENDIX B

SPDS - RCS, CTMT, AND ECCS
Data Screens

(PPC Group Review Screen 18)

TC1201	RCS SUBCOOLING	44.6	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	573.7	DEGF
THEADA	UPPER HEAD TEMP CHAN A	624.6	DEGF
THEADB	UPPER HEAD TEMP CHAN B	619.6	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	570.3	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	2245	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	2247	PSIG
LC1600	PRZR LEVEL AVG	50.2	%
PC1500	WR CTMT PRESS AVG	0.1	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	113.4	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	110.4	DEGF
LC1501	CTMT SUMP LEVEL AVG	0	FT
LC2301	SG A NR LEVEL AVG	44	%
LC2302	SG B NR LEVEL AVG	44	%
LC2303	SG C NR LEVEL AVG	44	%
LT0477	SG A WIDE RANGE LEVEL	55.3	%
LT0487	SG B WIDE RANGE LEVEL	55.4	%
LT0497	SG C WIDE RANGE LEVEL	55.3	%
PC2300	SG A PRESSURE AVG	789.5	PSIG
PC2301	SG B PRESSURE AVG	789.5	PSIG
PC2302	SG C PRESSURE AVG	789.5	PSIG
FC1304	TOTAL AUX FW FLOW	0	GPM
FE0605A	RHR LOOP A FLOW	0	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	39.4	FT
LT0502	RWST LEVEL CHAN 2	39.5	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	30.1	FT

TC1201	RCS SUBCOOLING	44.9	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	573.5	DEGF
THEADA	UPPER HEAD TEMP CHAN A	624.4	DEGF
THEADB	UPPER HEAD TEMP CHAN B	619.4	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	570.1	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	2245	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	2247	PSIG
LC1600	PRZR LEVEL AVG	50.1	%
PC1500	WR CTMT PRESS AVG	0.1	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	113.5	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	110.5	DEGF
LC1501	CTMT SUMP LEVEL AVG	0	FT
LC2301	SG A NR LEVEL AVG	44	%
LC2302	SG B NR LEVEL AVG	44	%
LC2303	SG C NR LEVEL AVG	44	%
LT0477	SG A WIDE RANGE LEVEL	55.4	%
LT0487	SG B WIDE RANGE LEVEL	55.4	%
LT0497	SG C WIDE RANGE LEVEL	55.3	%
PC2300	SG A PRESSURE AVG	788.2	PSIG
PC2301	SG B PRESSURE AVG	788.2	PSIG
PC2302	SG C PRESSURE AVG	788.2	PSIG
FC1304	TOTAL AUX FW FLOW	0	GPM
FE0605A	RHR LOOP A FLOW	0	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	39.3	FT
LT0502	RWST LEVEL CHAN 2	39.4	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	30	FT

TC1201	RCS SUBCOOLING	45.3	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	573.2	DEGF
THEADA	UPPER HEAD TEMP CHAN A	623.9	DEGF
THEADB	UPPER HEAD TEMP CHAN B	618.9	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	569.8	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	2245	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	2247	PSIG
LC1600	PRZR LEVEL AVG	49.6	%
PC1500	WR CTMT PRESS AVG	0.1	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	113.6	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	110.6	DEGF
LC1501	CTMT SUMP LEVEL AVG	0	FT
LC2301	SG A NR LEVEL AVG	44	%
LC2302	SG B NR LEVEL AVG	44	%
LC2303	SG C NR LEVEL AVG	44	%
LT0477	SG A WIDE RANGE LEVEL	55.4	%
LT0487	SG B WIDE RANGE LEVEL	55.4	%
LT0497	SG C WIDE RANGE LEVEL	55.4	%
PC2300	SG A PRESSURE AVG	786.1	PSIG
PC2301	SG B PRESSURE AVG	786.2	PSIG
PC2302	SG C PRESSURE AVG	786.2	PSIG
FC1304	TOTAL AUX FW FLOW	0	GPM
FE0605A	RHR LOOP A FLOW	0	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	39.3	FT
LT0502	RWST LEVEL CHAN 2	39.4	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	29.9	FT

Time: 08:30:00

TC1201	RCS SUBCOOLING	45.7	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	572.8	DEGF
THEADA	UPPER HEAD TEMP CHAN A	623.5	DEGF
THEADB	UPPER HEAD TEMP CHAN B	618.5	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	569.4	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	2245	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	2247	PSIG
LC1600	PRZR LEVEL AVG	49.2	%
PC1500	WR CTMT PRESS AVG	0.1	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	113.7	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	110.7	DEGF
LC1501	CTMT SUMP LEVEL AVG	0	FT
LC2301	SG A NR LEVEL AVG	44	%
LC2302	SG B NR LEVEL AVG	44	%
LC2303	SG C NR LEVEL AVG	44	%
LT0477	SG A WIDE RANGE LEVEL	55.4	%
LT0487	SG B WIDE RANGE LEVEL	55.4	%
LT0497	SG C WIDE RANGE LEVEL	55.4	%
PC2300	SG A PRESSURE AVG	784.1	PSIG
PC2301	SG B PRESSURE AVG	784.1	PSIG
PC2302	SG C PRESSURE AVG	784.1	PSIG
FC1304	TOTAL AUX FW FLOW	0	GPM
FE0605A	RHR LOOP A FLOW	0	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	39.3	FT
LT0502	RWST LEVEL CHAN 2	39.4	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	29.8	FT

TC1201	RCS SUBCOOLING	46.1	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	572.4	DEGF
THEADA	UPPER HEAD TEMP CHAN A	623.1	DEGF
THEADB	UPPER HEAD TEMP CHAN B	618.1	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	569	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	2245	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	2247	PSIG
LC1600	PRZR LEVEL AVG	48.8	%
PC1500	WR CTMT PRESS AVG	0.1	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	113.8	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	110.8	DEGF
LC1501	CTMT SUMP LEVEL AVG	0	FT
LC2301	SG A NR LEVEL AVG	44	%
LC2302	SG B NR LEVEL AVG	44	%
LC2303	SG C NR LEVEL AVG	44	%
LT0477	SG A WIDE RANGE LEVEL	55.5	%
LT0487	SG B WIDE RANGE LEVEL	55.4	%
LT0497	SG C WIDE RANGE LEVEL	55.5	%
PC2300	SG A PRESSURE AVG	782	PSIG
PC2301	SG B PRESSURE AVG	782	PSIG
PC2302	SG C PRESSURE AVG	782	PSIG
FC1304	TOTAL AUX FW FLOW	0	GPM
FE0605A	RHR LOOP A FLOW	0	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	39.3	FT
LT0502	RWST LEVEL CHAN 2	39.4	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	29.7	FT

TC1201	RCS SUBCOOLING	46.1	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	573.8	DEGF
THEADA	UPPER HEAD TEMP CHAN A	622.5	DEGF
THEADB	UPPER HEAD TEMP CHAN B	617.5	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	570.4	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	2245	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	2247	PSIG
LC1600	PRZR LEVEL AVG	50.3	%
PC1500	WR CTMT PRESS AVG	0.1	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	114	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	111	DEGF
LC1501	CTMT SUMP LEVEL AVG	0	FT
LC2301	SG A NR LEVEL AVG	44	%
LC2302	SG B NR LEVEL AVG	44	%
LC2303	SG C NR LEVEL AVG	44	%
LT0477	SG A WIDE RANGE LEVEL	55.7	%
LT0487	SG B WIDE RANGE LEVEL	55.7	%
LT0497	SG C WIDE RANGE LEVEL	55.7	%
PC2300	SG A PRESSURE AVG	806.9	PSIG
PC2301	SG B PRESSURE AVG	806.9	PSIG
PC2302	SG C PRESSURE AVG	806.9	PSIG
FC1304	TOTAL AUX FW FLOW	0	GPM
FE0605A	RHR LOOP A FLOW	0	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	39.3	FT
LT0502	RWST LEVEL CHAN 2	39.4	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	29.6	FT

TC1201	RCS SUBCOOLING	49.6	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	571.6	DEGF
THEADA	UPPER HEAD TEMP CHAN A	618.1	DEGF
THEADB	UPPER HEAD TEMP CHAN B	613.1	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	568.2	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	2245	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	2247	PSIG
LC1600	PRZR LEVEL AVG	48.1	%
PC1500	WR CTMT PRESS AVG	0.1	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	114.1	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	111.1	DEGF
LC1501	CTMT SUMP LEVEL AVG	0	FT
LC2301	SG A NR LEVEL AVG	44	%
LC2302	SG B NR LEVEL AVG	44	%
LC2303	SG C NR LEVEL AVG	44	%
LT0477	SG A WIDE RANGE LEVEL	56.3	%
LT0487	SG B WIDE RANGE LEVEL	56.2	%
LT0497	SG C WIDE RANGE LEVEL	56.3	%
PC2300	SG A PRESSURE AVG	809.4	PSIG
PC2301	SG B PRESSURE AVG	809.4	PSIG
PC2302	SG C PRESSURE AVG	809.4	PSIG
FC1304	TOTAL AUX FW FLOW	0	GPM
FE0605A	RHR LOOP A FLOW	0	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	39.3	FT
LT0502	RWST LEVEL CHAN 2	39.4	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	29.4	FT

TC1201	RCS SUBCOOLING	50.3	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	569.3	DEGF
THEADA	UPPER HEAD TEMP CHAN A	614	DEGF
THEADB	UPPER HEAD TEMP CHAN B	609	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	5C5.9	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	2212	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	2214	PSIG
LC1600	PRZR LEVEL AVG	43.5	%
PC1500	WR CTMT PRESS AVG	0.1	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	114.2	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	111.2	DEGF
LC1501	CTMT SUMP LEVEL AVG	0	FT
LC2301	SG A NR LEVEL AVG	44	%
LC2302	SG B NR LEVEL AVG	44	%
LC2303	SG C NR LEVEL AVG	44	%
LT0477	SG A WIDE RANGE LEVEL	56.7	%
LT0487	SG B WIDE RANGE LEVEL	56.7	%
LT0497	SG C WIDE RANGE LEVEL	56.7	%
PC2300	SG A PRESSURE AVG	808	PSIG
PC2301	SG B PRESSURE AVG	808.2	PSIG
PC2302	SG C PRESSURE AVG	808	PSIG
FC1304	TOTAL AUX FW FLOW	0	GPM
FE0605A	RHR LOOP A FLOW	0	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	39.3	FT
LT0502	RWST LEVEL CHAN 2	39.4	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	29.2	FT

TC1201	RCS SUBCOOLING	-0.4	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	440.2	DEGF
THEADA	UPPER HEAD TEMP CHAN A	439.9	DEGF
THEADB	UPPER HEAD TEMP CHAN B	434.9	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	436.8	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	318	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	320	PSIG
LC1600	PRZR LEVEL AVG	0	%
PC1500	WR CTMT PRESS AVG	37.4	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	317.1	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	314.1	DEGF
LC1501	CTMT SUMP LEVEL AVG	1	FT
LC2301	SG A NR LEVEL AVG	0	%
LC2302	SG B NR LEVEL AVG	0	%
LC2303	SG C NR LEVEL AVG	0	%
LT0477	SG A WIDE RANGE LEVEL	59.7	%
LT0487	SG B WIDE RANGE LEVEL	58.5	%
LT0497	SG C WIDE RANGE LEVEL	59.8	%
PC2300	SG A PRESSURE AVG	703.1	PSIG
PC2301	SG B PRESSURE AVG	687.5	PSIG
PC2302	SG C PRESSURE AVG	689.8	PSIG
FC1304	TOTAL AUX FW FLOW	629	GPM
FE0605A	RHR LOOP A FLOW	0	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	36.3	FT
LT0502	RWST LEVEL CHAN 2	36.4	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	28.6	FT

TC1201	RCS SUBCOOLING	0.3	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	375	DEGF
THEADA	UPPER HEAD TEMP CHAN A	374.8	DEGF
THEADB	UPPER HEAD TEMP CHAN B	369.8	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	371.6	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	144.2	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	146.2	PSIG
LC1600	PRZR LEVEL AVG	0	%
PC1500	WR CTMT PRESS AVG	24.4	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	286.1	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	283.1	DEGF
LC1501	CTMT SUMP LEVEL AVG	1.7	FT
LC2301	SG A NR LEVEL AVG	17.4	%
LC2302	SG B NR LEVEL AVG	10.7	%
LC2303	SG C NR LEVEL AVG	17	%
LT0477	SG A WIDE RANGE LEVEL	67.3	%
LT0487	SG B WIDE RANGE LEVEL	66.6	%
LT0497	SG C WIDE RANGE LEVEL	67.8	%
PC2300	SG A PRESSURE AVG	409	PSIG
PC2301	SG B PRESSURE AVG	367.6	PSIG
PC2302	SG C PRESSURE AVG	370	PSIG
FC1304	TOTAL AUX FW FLOW	753	GPM
FE0605A	RHR LOOP A FLOW	0	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	32.2	FT
LT0502	RWST LEVEL CHAN 2	32.3	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	27.8	FT

TC1201	RCS SUBCOOLING	0.3	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	325.2	DEGF
THEADA	UPPER HEAD TEMP CHAN A	345.5	DEGF
THEADB	UPPER HEAD TEMP CHAN B	340.5	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	321.8	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	109.3	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	111.3	PSIG
LC1600	PRZR LEVEL AVG	0	%
PC1500	WR CTMT PRESS AVG	9.5	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	178.6	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	175.6	DEGF
LC1501	CTMT SUMP LEVEL AVG	2.4	FT
LC2301	SG A NR LEVEL AVG	36.3	%
LC2302	SG B NR LEVEL AVG	27.9	%
LC2303	SG C NR LEVEL AVG	34.7	%
LT0477	SG A WIDE RANGE LEVEL	73.2	%
LT0487	SG B WIDE RANGE LEVEL	72.3	%
LT0497	SG C WIDE RANGE LEVEL	73.6	%
PC2300	SG A PRESSURE AVG	267.8	PSIG
PC2301	SG B PRESSURE AVG	234	PSIG
PC2302	SG C PRESSURE AVG	233.6	PSIG
FC1304	TOTAL AUX FW FLOW	442	GPM
FE0605A	RHR LOOP A FLOW	2661	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	27.2	FT
LT0502	RWST LEVEL CHAN 2	27.3	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	27.2	FT

TC1201	RCS SUBCOOLING	9.3	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	257.7	DEGF
THEADA	UPPER HEAD TEMP CHAN A	293.2	DEGF
THEADB	UPPER HEAD TEMP CHAN B	288.2	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	254.3	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	162.6	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	164.6	PSIG
LC1600	PRZR LEVEL AVG	61.1	%
PC1500	WR CTMT PRESS AVG	7.2	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	147.8	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	144.8	DEGF
LC1501	CTMT SUMP LEVEL AVG	3.3	FT
LC2301	SG A NR LEVEL AVG	38.6	%
LC2302	SG B NR LEVEL AVG	37.8	%
LC2303	SG C NR LEVEL AVG	36.5	%
LT0477	SG A WIDE RANGE LEVEL	74.3	%
LT0487	SG B WIDE RANGE LEVEL	75.6	%
LT0497	SG C WIDE RANGE LEVEL	74.9	%
PC2300	SG A PRESSURE AVG	252.7	PSIG
PC2301	SG B PRESSURE AVG	182.2	PSIG
PC2302	SG C PRESSURE AVG	201.7	PSIG
FC1304	TOTAL AUX FW FLOW	0	GPM
FE0605A	RHR LOOP A FLOW	1471	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	20.6	FT
LT0502	RWST LEVEL CHAN 2	20.7	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	27.1	FT

TC1201	RCS SUBCOOLING	63.8	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	235.6	DEGF
THEADA	UPPER HEAD TEMP CHAN A	278.6	DEGF
THEADB	UPPER HEAD TEMP CHAN B	273.6	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	232.2	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	161.7	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	163.7	PSIG
LC1600	PRZR LEVEL AVG	64.4	%
PC1500	WR CTMT PRESS AVG	6.6	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	149.7	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	146.7	DEGF
LC1501	CTMT SUMP LEVEL AVG	4.1	FT
LC2301	SG A NR LEVEL AVG	38.5	%
LC2302	SG B NR LEVEL AVG	36.8	%
LC2303	SG C NR LEVEL AVG	34.3	%
LT0477	SG A WIDE RANGE LEVEL	74.3	%
LT0487	SG B WIDE RANGE LEVEL	75.5	%
LT0497	SG C WIDE RANGE LEVEL	74.8	%
PC2300	SG A PRESSURE AVG	251.4	PSIG
PC2301	SG B PRESSURE AVG	175.5	PSIG
PC2302	SG C PRESSURE AVG	186.4	PSIG
FC1304	TOTAL AUX FW FLOW	0	GPM
FE0605A	RHR LOOP A FLOW	1426	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	14.5	FT
LT0502	RWST LEVEL CHAN 2	14.6	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	27.1	FT

TC1201	RCS SUBCOOLING	108.8	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	172.9	DEGF
THEADA	UPPER HEAD TEMP CHAN A	192.9	DEGF
THEADB	UPPER HEAD TEMP CHAN B	187.9	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	169.5	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	110.2	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	112.2	PSIG
LC1600	PRZR LEVEL AVG	49.9	%
PC1500	WR CTMT PRESS AVG	5.6	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	150.3	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	147.3	DEGF
LC1501	CTMT SUMP LEVEL AVG	4.9	FT
LC2301	SG A NR LEVEL AVG	38.5	%
LC2302	SG B NR LEVEL AVG	35.4	%
LC2303	SG C NR LEVEL AVG	32.2	%
LT0477	SG A WIDE RANGE LEVEL	74.3	%
LT0487	SG B WIDE RANGE LEVEL	75.5	%
LT0497	SG C WIDE RANGE LEVEL	74.7	%
PC2300	SG A PRESSURE AVG	250.2	PSIG
PC2301	SG B PRESSURE AVG	166.3	PSIG
PC2302	SG C PRESSURE AVG	172.7	PSIG
FC1304	TOTAL AUX FW FLOW	0	GPM
FE0605A	RHR LOOP A FLOW	787	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	9.4	FT
LT0502	RWST LEVEL CHAN 2	9.5	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	27.1	FT

TC1201	RCS SUBCOOLING	154.8	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	147.1	DEGF
THEADA	UPPER HEAD TEMP CHAN A	156.6	DEGF
THEADB	UPPER HEAD TEMP CHAN B	151.6	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	143.7	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	82.4	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	84.4	PSIG
LC1600	PRZR LEVEL AVG	33.5	%
PC1500	WR CTMT PRESS AVG	3.9	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	150.1	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	147.1	DEGF
LC1501	CTMT SUMP LEVEL AVG	5.4	FT
LC2301	SG A NR LEVEL AVG	38.4	%
LC2302	SG B NR LEVEL AVG	33.5	%
LC2303	SG C NR LEVEL AVG	30	%
LT0477	SG A WIDE RANGE LEVEL	74.3	%
LT0487	SG B WIDE RANGE LEVEL	75.4	%
LT0497	SG C WIDE RANGE LEVEL	74.6	%
PC2300	SG A PRESSURE AVG	248.9	PSIG
PC2301	SG B PRESSURE AVG	154.8	PSIG
PC2302	SG C PRESSURE AVG	158.8	PSIG
FC1304	TOTAL AUX FW FLOW	0	GPM
FE0605A	RHR LOOP A FLOW	1190	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	6.1	FT
LT0502	RWST LEVEL CHAN 2	6.2	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	27.1	FT

TC1201	RCS SUBCOOLING	149.5	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	138.9	DEGF
THEADA	UPPER HEAD TEMP CHAN A	143.6	DEGF
THEADB	UPPER HEAD TEMP CHAN B	138.6	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	135.5	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	78.4	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	80.4	PSIG
LC1600	PRZR LEVEL AVG	21.9	%
PC1500	WR CTMT PRESS AVG	3.8	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	150	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	147	DEGF
LC1501	CTMT SUMP LEVEL AVG	5.6	FT
LC2301	SG A NR LEVEL AVG	41.9	%
LC2302	SG B NR LEVEL AVG	33	%
LC2303	SG C NR LEVEL AVG	27.6	%
LT0477	SG A WIDE RANGE LEVEL	75.1	%
LT0487	SG B WIDE RANGE LEVEL	75.7	%
LT0497	SG C WIDE RANGE LEVEL	74.6	%
PC2300	SG A PRESSURE AVG	231.9	PSIG
PC2301	SG B PRESSURE AVG	137.5	PSIG
PC2302	SG C PRESSURE AVG	143.7	PSIG
FC1304	TOTAL AUX FW FLOW	63	GPM
FE0605A	RHR LOOP A FLOW	1436	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	4.2	FT
LT0502	RWST LEVEL CHAN 2	4.3	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	27	FT

Time: 11:45:00

TC1201	RCS SUBCOOLING	108.7	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	149.6	DEGF
THEADA	UPPER HEAD TEMP CHAN A	157.1	DEGF
THEADB	UPPER HEAD TEMP CHAN B	152.1	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	146.2	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	66	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	68	PSIG
LC1600	PRZR LEVEL AVG	0	%
PC1500	WR CTMT PRESS AVG	2.8	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	152	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	149	DEGF
LC1501	CTMT SUMP LEVEL AVG	5.6	FT
LC2301	SG A NR LEVEL AVG	47.4	%
LC2302	SG B NR LEVEL AVG	31.5	%
LC2303	SG C NR LEVEL AVG	26	%
LT0477	SG A WIDE RANGE LEVEL	76.8	%
LT0487	SG B WIDE RANGE LEVEL	75.7	%
LT0497	SG C WIDE RANGE LEVEL	74.6	%
PC2300	SG A PRESSURE AVG	207.3	PSIG
PC2301	SG B PRESSURE AVG	125.7	PSIG
PC2302	SG C PRESSURE AVG	129.2	PSIG
FC1304	TOTAL AUX FW FLOW	0	GPM
FE0605A	RHR LOOP A FLOW	1607	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	4.2	FT
LT0502	RWST LEVEL CHAN 2	4.3	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	26.9	FT

TC1201	RCS SUBCOOLING	72.5	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	151.5	DEGF
THEADA	UPPER HEAD TEMP CHAN A	158.4	DEGF
THEADB	UPPER HEAD TEMP CHAN B	153.4	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	148.1	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	75.3	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	77.3	PSIG
LC1600	PRZR LEVEL AVG	35.8	%
PC1500	WR CTMT PRESS AVG	2.1	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	149.9	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	146.9	DEGF
LC1501	CTMT SUMP LEVEL AVG	5.6	FT
LC2301	SG A NR LEVEL AVG	47.3	%
LC2302	SG B NR LEVEL AVG	30.4	%
LC2303	SG C NR LEVEL AVG	25.6	%
LT0477	SG A WIDE RANGE LEVEL	76.8	%
LT0487	SG B WIDE RANGE LEVEL	75.8	%
LT0497	SG C WIDE RANGE LEVEL	74.8	%
PC2300	SG A PRESSURE AVG	206.2	PSIG
PC2301	SG B PRESSURE AVG	114.1	PSIG
PC2302	SG C PRESSURE AVG	114.8	PSIG
FC1304	TOTAL AUX FW FLOW	57	GPM
FE0605A	RHR LOOP A FLOW	1461	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	4.2	FT
LT0502	RWST LEVEL CHAN 2	4.3	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	26.9	FT

TC1201	RCS SUBCOOLING	73.2	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	152.2	DEGF
THEADA	UPPER HEAD TEMP CHAN A	157.9	DEGF
THEADB	UPPER HEAD TEMP CHAN B	152.9	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	148.8	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	76.8	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	78.8	PSIG
LC1600	PRZR LEVEL AVG	50.9	%
PC1500	WR CTMT PRESS AVG	1.8	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	150	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	147	DEGF
LC1501	CTMT SUMP LEVEL AVG	5.6	FT
LC2301	SG A NR LEVEL AVG	47.3	%
LC2302	SG B NR LEVEL AVG	31	%
LC2303	SG C NR LEVEL AVG	28.1	%
LT0477	SG A WIDE RANGE LEVEL	76.8	%
LT0487	SG B WIDE RANGE LEVEL	76.3	%
LT0497	SG C WIDE RANGE LEVEL	75.8	%
PC2300	SG A PRESSURE AVG	205.1	PSIG
PC2301	SG B PRESSURE AVG	100.7	PSIG
PC2302	SG C PRESSURE AVG	97.4	PSIG
FC1304	TOTAL AUX FW FLOW	58	GPM
FE0605A	RHR LOOP A FLOW	1435	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	4.2	FT
LT0502	RWST LEVEL CHAN 2	4.3	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	26.8	FT

TC1201	RCS SUBCOOLING	33.2	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	153.5	DEGF
THEADA	UPPER HEAD TEMP CHAN A	158.5	DEGF
THEADB	UPPER HEAD TEMP CHAN B	153.5	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	150.1	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	77.2	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	79.2	PSIG
LC1600	PRZR LEVEL AVG	60.9	%
PC1500	WR CTMT PRESS AVG	1.6	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	149.3	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	146.3	DEGF
LC1501	CTMT SUMP LEVEL AVG	5.5	FT
LC2301	SG A NR LEVEL AVG	47.2	%
LC2302	SG B NR LEVEL AVG	31.7	%
LC2303	SG C NR LEVEL AVG	31.1	%
LT0477	SG A WIDE RANGE LEVEL	76.8	%
LT0487	SG B WIDE RANGE LEVEL	76.8	%
LT0497	SG C WIDE RANGE LEVEL	76.8	%
PC2300	SG A PRESSURE AVG	204	PSIG
PC2301	SG B PRESSURE AVG	89.2	PSIG
PC2302	SG C PRESSURE AVG	83.6	PSIG
FC1304	TOTAL AUX FW FLOW	58	GPM
FE0605A	RHR LOOP A FLOW	1424	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	4.2	FT
LT0502	RWST LEVEL CHAN 2	4.3	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	26.8	FT

TC1201	RCS SUBCOOLING	92.2	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	155.2	DEGF
THEADA	UPPER HEAD TEMP CHAN A	159.7	DEGF
THEADB	UPPER HEAD TEMP CHAN B	154.7	DEGF
TC4054	NONBAD/REASONABLE TC AVG 1MA	151.8	DEGF
TC1400	LARGEST CL TEMP DECR	XXXX	DEGF
PT0402	RCS WIDE RANGE PRESSURE LOOP C	77.6	PSIG
PT0403	RCS WIDE RANGE PRESSURE LOOP A	79.6	PSIG
LC1600	PRZR LEVEL AVG	67.7	%
PC1500	WR CTMT PRESS AVG	1.5	PSIG
TE3188H	CTMT LOWER ELEVATION TEMP	149	DEGF
TE3187I	CTMT DOME INSIDE AIR TEMP	146	DEGF
LC1501	CTMT SUMP LEVEL AVG	5.5	FT
LC2301	SG A NR LEVEL AVG	47.2	%
LC2302	SG B NR LEVEL AVG	31.5	%
LC2303	SG C NR LEVEL AVG	32.3	%
LT0477	SG A WIDE RANGE LEVEL	76.8	%
LT0487	SG B WIDE RANGE LEVEL	77.1	%
LT0497	SG C WIDE RANGE LEVEL	77.4	%
PC2300	SG A PRESSURE AVG	203	PSIG
PC2301	SG B PRESSURE AVG	81.3	PSIG
PC2302	SG C PRESSURE AVG	75.5	PSIG
FC1304	TOTAL AUX FW FLOW	0	GPM
FE0605A	RHR LOOP A FLOW	1418	GPM
FE0605B	RHR LOOP B FLOW	0	GPM
LT0501	RWST LEVEL CHAN 1	4.2	FT
LT0502	RWST LEVEL CHAN 2	4.3	FT
LT0516	CONDENSATE STORAGE TANK LEVEL	26.7	FT

APPENDIX C

Plant Operational Data

(Control Board Indications at 5 Minute Intervals)

CONTROL BOARD INDICATIONS AT TIME: 07:00:00

POWER RANGE	99.7 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	869.7 MW	LP A Thot	608.4 F	LP B&C Thot	608.4 F
RCS T-AVG	575.1 F	LP A Tcold	541.7 F	LP B&C Tcold	541.7 F
PRZ LEVEL	50.2 %	SG A PRESS	789.5 PSIG	SG B&C PRESS	789.5 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.81 MPPH	SG B&C STM FLO	3.79 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.91 MPPH	SG B&C FD FLOW	3.90 MPPH
CST LEVEL	30.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.3 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	62.6 GPM	RCP A SEAL INJ	8.3 GPM	RCP B&C SEAL INJ	8.3 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.4 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.4 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.460E+ TC	UP HD SUB COOLING	2.840E+ UPDH	CETC A-08	571.2 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.6 F
CETC H-15	573.7 F	CETC H-09	624.6 F	CETC R-07	567.8 F

TIME: 07:00:00

CONTROL BOARD INDICATIONS AT TIME: 07:05:00

POWER RANGE	99.7 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	869.7 MW	LP A Thot	608.4 F	LP B&C Thot	608.4 F
RCS T-AVG	575.1 F	LP A Tcold	541.7 F	LP B&C Tcold	541.7 F
PRZ LEVEL	50.2 %	SG A PRESS	789.5 PSIG	SG B&C PRESS	789.5 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.81 MPPH	SG B&C STM FLO	3.79 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.91 MPPH	SG B&C FD FLOW	3.90 MPPH
CST LEVEL	30.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.3 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	62.6 GPM	RCP A SEAL INJ	8.3 GPM	RCP B&C SEAL INJ	8.3 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.4 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.4 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.460E+ TC	UP HD SUB COOLING	2.840E+ UPDH	CETC A-08	571.2 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.6 F
CETC H-15	573.7 F	CETC H-09	624.6 F	CETC R-07	567.8 F

TIME: 07:05:00

CONTROL BOARD INDICATIONS AT TIME: 07:10:00

POWER RANGE	99.7 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	869.7 MW	LP A Thot	608.4 F	LP B&C Thot	608.4 F
RCS T-AVG	575.1 F	LP A Tcold	541.7 F	LP B&C Tcold	541.7 F
PRZ LEVEL	50.2 %	SG A PRESS	789.5 PSIG	SG B&C PRESS	789.5 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.81 MPPH	SG B&C STM FLO	3.79 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.91 MPPH	SG B&C FD FLOW	3.90 MPPH
CST LEVEL	30.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.3 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	62.6 GPM	RCP A SEAL INJ	8.3 GPM	RCP B&C SEAL INJ	8.3 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.4 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.4 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.460E+ TC	UP HD SUB COOLING	2.840E+ UPDH	CETC A-08	571.2 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.6 F
CETC H-15	573.7 F	CETC H-09	624.6 F	CETC R-07	567.8 F

TIME: 07:10:00

CONTROL BOARD INDICATIONS AT TIME: 07:15:00

POWER RANGE	99.7	%	INT RNG PWR	3.5E-04	AMPS	SR PWR	1.0E+00	CPM
GEN LOAD	869.7	MW	LP A Thot	608.4	F	LP B&C Thot	608.4	F
RCS T-AVG	575.1	F	LP A Tcold	541.7	F	LP B&C Tcold	541.7	F
PRZ LEVEL	50.2	%	SG A PRESS	789.5	PSIG	SG B&C PRESS	789.5	PSIG
PRZ PRESSURE	2235.0	PSIG	SG A STM FLO	3.81	MPPH	SG B&C STM FLO	3.79	MPPH
RCS WR PRESSURE	2245.0	PSIG	SG A FD FLOW	3.91	MPPH	SG B&C FD FLOW	3.90	MPPH
CST LEVEL	30.1	FT	SG A AFW FL	0	GPM	SG B&C AFW FL	0	GPM
			SG A NR LEV	44.0	%	SG B&C NR LEV	44.0	%
			SG A WR LEV	55.3	%	SG B&C WR LEV	55.4	%
CHARGING FLOW	62.6	GPM	RCP A SEAL INJ	8.3	GPM	RCP B&C SEAL INJ	8.3	GPM
LETDOWN FLOW	77.3	GPM	RCP A SEAL RET	2.8	GPM	RCP B&C SEAL RET	2.8	GPM
BIT FLOW	0.0	GPM	HHSI FLOW B TRN	0.0	GPM	RWST LEVEL	39.4	FT
TRAIN A RHR FLOW	0.0	GPM	TRAIN B RHR FLOW	0.0	GPM	ECCS SUMP LEVEL	0.0	FT
TRAIN A SPRAY FLOW	0.0	GPM	TRAIN B SPRAY FLOW	0.0	GPM	SPRAY TANK LEVEL	95.4	%
CNM TEMPERATURE	110.4	F	CNM PRESSURE	0.1	PSIG			
PRT TEMPERATURE	104.3	F	PRT LEVEL	71.5	%	PRT PRESSURE	5.1	PSIG
TC SUB COOLING	4.460E+	TC	UP HD SUB COOLING	2.840E+	UPDH	CETC A-08	571.2	F
UPPER PLENUM LEVEL	100	%	UPPER HEAD LEVEL	100	%	CETC G-01	571.6	F
CETC H-15	573.7	F	CETC H-09	624.6	F	CETC R-07	567.8	F

TIME: 07:15:00

CONTROL BOARD INDICATIONS AT TIME: 07:20:00

POWER RANGE	99.7 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	869.7 MW	LP A Thot	608.4 F	LP B&C Thot	608.4 F
RCS T-AVG	575.1 F	LP A Tcold	541.7 F	LP B&C Tcold	541.7 F
PRZ LEVEL	50.2 %	SG A PRESS	789.5 PSIG	SG B&C PRESS	789.5 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.81 MPPH	SG B&C STM FLO	3.79 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.91 MPPH	SG B&C FD FLOW	3.90 MPPH
CST LEVEL	30.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.3 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	62.6 GPM	RCP A SEAL INJ	8.3 GPM	RCP B&C SEAL INJ	8.3 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.4 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.4 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.460E+ TC	UP HD SUB COOLING	2.840E+ UPDH	CETC A-08	571.2 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.6 F
CETC H-15	573.7 F	CETC H-09	624.6 F	CETC R-07	567.8 F

TIME: 07:20:00

CONTROL BOARD INDICATIONS AT TIME: 07:25:00

POWER RANGE	99.7 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	869.7 MW	LP A Thot	608.4 F	LP B&C Thot	608.4 F
RCS T-AVG	575.1 F	LP A Tcold	541.7 F	LP B&C Tcold	541.7 F
PRZ LEVEL	50.2 %	SG A PRESS	789.5 PSIG	SG B&C PRESS	789.5 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.81 MPPH	SG B&C STM FLO	3.79 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.91 MPPH	SG B&C FD FLOW	3.90 MPPH
CST LEVEL	30.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.3 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	62.6 GPM	RCP A SEAL INJ	8.3 GPM	RCP B&C SEAL INJ	8.3 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.4 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.4 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.460E+ TC	UP HD SUB COOLING	2.840E+ UPDH	CETC A-08	571.2 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.6 F
CETC H-15	573.7 F	CETC H-09	624.6 F	CETC R-07	567.8 F

TIME: 07:25:00

CONTROL BOARD INDICATIONS AT TIME: 07:30:00

POWER RANGE	99.7 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	869.7 MW	LP A Thot	608.4 F	LP B&C Thot	608.4 F
RCS T-AVG	575.1 F	LP A Tcold	541.7 F	LP B&C Tcold	541.7 F
PRZ LEVEL	50.2 %	SG A PRESS	789.5 PSIG	SG B&C PRESS	789.5 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.81 MPPH	SG B&C STM FLO	3.79 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.91 MPPH	SG B&C FD FLOW	3.90 MPPH
CST LEVEL	30.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.3 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	62.6 GPM	RCP A SEAL INJ	8.3 GPM	RCP B&C SEAL INJ	8.3 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.4 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.4 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.460E+ TC	UP HD SUB COOLING	2.840E+ UPDH	CETC A-08	571.2 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.6 F
CETC H-15	573.7 F	CETC H-09	624.6 F	CETC R-07	567.8 F

TIME: 07:30:00

CONTROL BOARD INDICATIONS AT TIME: 07:35:00

POWER RANGE	99.7	%	INT RNG PWR	3.5E-04	AMPS	SR PWR	1.0E+00	CPM
GEN LOAD	869.7	MW	LP A Thot	608.4	F	LP B&C Thot	608.4	F
RCS T-AVG	575.1	F	LP A Tcold	541.7	F	LP B&C Tcold	541.7	F
PRZ LEVEL	50.2	%	SG A PRESS	789.5	PSIG	SG B&C PRESS	789.5	PSIG
PRZ PRESSURE	2235.0	PSIG	SG A STM FLO	3.81	MPPH	SG B&C STM FLO	3.79	MPPH
RCS WR PRESSURE	2245.0	PSIG	SG A FD FLOW	3.91	MPPH	SG B&C FD FLOW	3.90	MPPH
CST LEVEL	30.1	FT	SG A AFW FL	0	GPM	SG B&C AFW FL	0	GPM
			SG A NR LEV	44.0	%	SG B&C NR LEV	44.0	%
			SG A WR LEV	55.3	%	SG B&C WR LEV	55.4	%
CHARGING FLOW	62.6	GPM	RCP A SEAL INJ	8.3	GPM	RCP B&C SEAL INJ	8.3	GPM
LETDOWN FLOW	77.3	GPM	RCP A SEAL RET	2.8	GPM	RCP B&C SEAL RET	2.8	GPM
BIT FLOW	0.0	GPM	HHSI FLOW B TRN	0.0	GPM	RWST LEVEL	39.4	FT
TRAIN A RHR FLOW	0.0	GPM	TRAIN B RHR FLOW	0.0	GPM	ECCS SUMP LEVEL	0.0	FT
TRAIN A SPRAY FLOW	0.0	GPM	TRAIN B SPRAY FLOW	0.0	GPM	SPRAY TANK LEVEL	95.4	%
CNM TEMPERATURE	110.4	F	CNM PRESSURE	0.1	PSIG			
PRT TEMPERATURE	104.3	F	PRT LEVEL	71.5	%	PRT PRESSURE	5.1	PSIG
TC SUB COOLING	4.460E+	TC	UP HD SUB COOLING	2.840E+	UPDH	CETC A-08	571.2	F
UPPER PLENUM LEVEL	100	%	UPPER HEAD LEVEL	100	%	CETC G-01	571.6	F
CETC H-15	573.7	F	CETC H-09	624.6	F	CETC R-07	567.8	F

TIME: 07:35:00

CONTROL BOARD INDICATIONS AT TIME: 07:40:00

POWER RANGE	99.7 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	869.7 MW	LP A Thot	608.4 F	LP B&C Thot	608.4 F
RCS T-AVG	575.1 F	LP A Tcold	541.7 F	LP B&C Tcold	541.7 F
PRZ LEVEL	50.2 %	SG A PRESS	789.5 PSIG	SG B&C PRESS	789.5 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.81 MPPH	SG B&C STM FLO	3.79 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.91 MPPH	SG B&C FD FLOW	3.90 MPPH
CST LEVEL	30.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.3 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	62.6 GPM	RCP A SEAL INJ	8.3 GPM	RCP B&C SEAL INJ	8.3 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.4 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.4 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.460E+ TC	UP HD SUB COOLING	2.840E+ UPDH	CETC A-08	571.2 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.6 F
CETC H-15	573.7 F	CETC H-09	624.6 F	CETC R-07	567.8 F

TIME: 07:40:00

CONTROL BOARD INDICATIONS AT TIME: 07:45:00

POWER RANGE	99.7 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	869.7 MW	LP A Thot	608.4 F	LP B&C Thot	608.4 F
RCS T-AVG	575.1 F	LP A Tcold	541.7 F	LP B&C Tcold	541.7 F
PRZ LEVEL	50.2 %	SG A PRESS	789.5 PSIG	SG B&C PRESS	789.5 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.81 MPPH	SG B&C STM FLO	3.79 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.91 MPPH	SG B&C FD FLOW	3.90 MPPH
CST LEVEL	30.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.3 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	62.6 GPM	RCP A SEAL INJ	8.3 GPM	RCP B&C SEAL INJ	8.3 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.4 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.4 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.460E+ TC	UP HD SUB COOLING	2.840E+ UPDH	CETC A-08	571.2 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.6 F
CETC H-15	573.7 F	CETC H-09	624.6 F	CETC R-07	567.8 F

TIME: 07:45:00

CONTROL BOARD INDICATIONS AT TIME: 07:50:00

POWER RANGE	99.7 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	869.7 MW	LP A Thot	608.4 F	LP B&C Thot	608.4 F
RCS T-AVG	575.1 F	LP A Tcold	541.7 F	LP B&C Tcold	541.7 F
PRZ LEVEL	50.2 %	SG A PRESS	789.5 PSIG	SG B&C PRESS	789.5 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.81 MPPH	SG B&~~C STM FLO~~	3.79 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.91 MPPH	SG B&C FD FLOW	3.90 MPPH
CST LEVEL	30.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.3 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	62.6 GPM	RCP A SEAL INJ	8.3 GPM	RCP B&C SEAL INJ	8.3 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.4 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.4 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.460E+ TC	UP HD SUB COOLING	2.840E+ UPDH	CETC A-08	571.2 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.6 F
CETC H-15	573.7 F	CETC H-09	624.6 F	CETC R-07	567.8 F

TIME: 07:50:00

CONTROL BOARD INDICATIONS AT TIME: 07:55:00

POWER RANGE	99.7 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	869.7 MW	LP A Thot	608.4 F	LP B&C Thot	608.4 F
RCS T-AVG	575.1 F	LP A Tcold	541.7 F	LP B&C Tcold	541.7 F
PRZ LEVEL	50.2 %	SG A PRESS	789.5 PSIG	SG B&C PRESS	789.5 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.81 MPPH	SG B&C STM FLO	3.79 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.91 MPPH	SG B&C FD FLOW	3.90 MPPH
CST LEVEL	30.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.3 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	62.6 GPM	RCP A SEAL INJ	8.3 GPM	RCP B&C SEAL INJ	8.3 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.4 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.4 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.460E+ TC	UP HD SUB COOLING	2.840E+ UPDH	CETC A-08	571.2 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.6 F
CETC H-15	573.7 F	CETC H-09	624.6 F	CETC R-07	567.8 F

TIME: 07:55:00

CONTROL BOARD INDICATIONS AT TIME: 08:00:00

POWER RANGE	99.7 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	869.7 MW	LP A Thot	608.4 F	LP B&C Thot	608.4 F
RCS T-AVG	575.1 F	LP A Tcold	541.7 F	LP B&C Tcold	541.7 F
PRZ LEVEL	50.2 %	SG A PRESS	789.5 PSIG	SG B&C PRESS	789.5 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.81 MPPH	SG B&C STM FLO	3.79 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.91 MPPH	SG B&C FD FLOW	3.90 MPPH
CST LEVEL	30.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.3 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	62.6 GPM	RCP A SEAL INJ	8.3 GPM	RCP B&C SEAL INJ	8.3 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.4 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.4 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.460E+ TC	UP HD SUB COOLING	2.840E+ UPDH	CETC A-08	571.2 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.6 F
CETC H-15	573.7 F	CETC H-09	624.6 F	CETC R-07	567.8 F

TIME: 08:00:00

CONTROL BOARD INDICATIONS AT TIME: 08:05:00

POWER RANGE	99.7 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	869.8 MW	LP A Thot	608.4 F	LP B&C Thot	608.4 F
RCS T-AVG	575.1 F	LP A Tcold	541.7 F	LP B&C Tcold	541.7 F
PRZ LEVEL	50.2 %	SG A PRESS	789.5 PSIG	SG B&C PRESS	789.5 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.81 MPPH	SG B&C STM FLO	3.79 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.90 MPPH	SG B&C FD FLOW	3.92 MPPH
CST LEVEL	30.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.4 %	SG B&C WR LEV	55.3 %
CHARGING FLOW	59.2 GPM	RCP A SEAL INJ	8.4 GPM	RCP B&C SEAL INJ	8.4 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.5 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.460E+ TC	UP HD SUB COOLING	2.840E+ UPDH	CETC A-08	571.2 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.6 F
CETC H-15	573.7 F	CETC H-09	624.6 F	CETC R-07	567.8 F

TIME: 08:05:00

CONTROL BOARD INDICATIONS AT TIME: 08:10:00

POWER RANGE	99.7 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	869.6 MW	LP A Thot	608.2 F	LP B&C Thot	608.3 F
RCS T-AVG	574.9 F	LP A Tcold	541.6 F	LP B&C Tcold	541.6 F
PRZ LEVEL	50.4 %	SG A PRESS	788.9 PSIG	SG B&C PRESS	789.0 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.81 MPPH	SG B&C STM FLO	3.79 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.85 MPPH	SG B&C FD FLOW	3.85 MPPH
CST LEVEL	30.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.4 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	52.7 GPM	RCP A SEAL INJ	8.5 GPM	RCP B&C SEAL INJ	8.5 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.5 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.480E+ TC	UP HD SUB COOLING	2.880E+ UPDH	CETC A-08	571.1 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEI	100 %	CETC G-01	571.5 F
CETC H-15	573.6 F	CETC H-09	624.2 F	CETC R-07	567.8 F

TIME: 08:10:00

CONTROL BOARD INDICATIONS AT TIME: 08:15:00

POWER RANGE	99.6 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	86[illegible].2 MW	LP A Thot	608.1 F	LP B&C Thot	608.2 F
RCS T-AVG	574.8 F	LP A Tcold	541.5 F	LP B&C Tcold	541.5 F
PRZ LEVEL	50.1 %	SG A PRESS	788.2 PSIG	SG B&C PRESS	788.2 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.90 MPPH	SG B&C STM FLO	3.83 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.87 MPPH	SG B&C FD FLOW	3.89 MPPH
CST LEVEL	30.0 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.4 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	45.8 GPM	RCP A SEAL INJ	8.7 GPM	RCP B&C SEAL INJ	8.7 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.5 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.490E+ TC	UP HD SUB COOLING	2.860E+ UPDH	CETC A-08	571.0 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.4 F
CETC H-15	573.5 F	CETC H-09	624.4 F	CETC R-07	567.6 F

TIME: 08:15:00

CONTROL BOARD INDICATIONS AT TIME: 08:20:00

POWER RANGE	99.5 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	868.8 MW	LP A Thot	608.0 F	LP B&C Thot	608.0 F
RCS T-AVG	574.7 F	LP A Tcold	541.3 F	LP B&C Tcold	541.4 F
PRZ LEVEL	49.8 %	SG A PRESS	787.5 PSIG	SG B&C PRESS	787.5 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.90 MPPH	SG B&C STM FLO	3.83 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.87 MPPH	SG B&C FD FLOW	3.93 MPPH
CST LEVEL	30.0 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.4 %	SG B&C WR LEV	55.3 %
CHARGING FLOW	49.1 GPM	RCP A SEAL INJ	8.6 GPM	RCP B&C SEAL INJ	8.6 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.6 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.500E+ TC	UP HD SUB COOLING	2.880E+ UPDH	CETC A-08	570.8 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.3 F
CETC H-15	573.4 F	CETC H-09	624.2 F	CETC R-07	567.5 F

TIME: 08:20:00

CONTROL BOARD INDICATIONS AT TIME: 08:25:00

POWER RANGE	99.0 %	INT RNG PWR	3.4E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	868.4 MW	LP A Thot	607.8 F	LP B&C Thot	607.9 F
RCS T-AVG	574.5 F	LP A Tcold	541.2 F	LP B&C Tcold	541.2 F
PRZ LEVEL	49.7 %	SG A PRESS	786.8 PSIG	SG B&C PRESS	786.8 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.83 MPPH	SG B&C STM FLO	3.90 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.88 MPPH	SG B&C FD FLOW	3.87 MPPH
CST LEVEL	30.0 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.4 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	50.3 GPM	RCP A SEAL INJ	8.6 GPM	RCP B&C SEAL INJ	8.6 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.6 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.520E+ TC	UP HD SUB COOLING	2.940E+ UPDH	CETC A-08	570.7 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.2 F
CETC H-15	573.3 F	CETC H-09	623.6 F	CETC R-07	567.4 F

TIME: 08:25:00

CONTROL BOARD INDICATIONS AT TIME: 08:30:00

POWER RANGE	99.4 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	868.1 MW	LP A Thot	607.7 F	LP B&C Thot	607.8 F
RCS T-AVG	574.4 F	LP A Tcold	541.1 F	LP B&C Tcold	541.1 F
PRZ LEVEL	49.6 %	SG A PRESS	786.1 PSIG	SG B&C PRESS	786.2 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.82 MPPH	SG B&C STM FLO	3.94 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.86 MPPH	SG B&C FD FLOW	3.92 MPPH
CST LEVEL	29.9 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.4 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	49.2 GPM	RCP A SEAL INJ	8.6 GPM	RCP B&C SEAL INJ	8.6 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.6 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.530E+ TC	UP HD SUB COOLING	2.910E+ UPDH	CETC A-08	570.6 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.0 F
CETC H-15	573.2 F	CETC H-09	623.9 F	CETC R-07	567.3 F

TIME: 08:30:00

CONTROL BOARD INDICATIONS AT TIME: 08:35:00

POWER RANGE	99.3 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	867.8 MW	LP A Thot	607.6 F	LP B&C Thot	607.6 F
RCS T-AVG	574.3 F	LP A Tcold	541.0 F	LP B&C Tcold	541.0 F
PRZ LEVEL	49.4 %	SG A PRESS	785.5 PSIG	SG B&C PRESS	785.5 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.82 MPPH	SG B&C STM FLO	3.94 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.84 MPPH	SG B&C FD FLOW	3.92 MPPH
CST LEVEL	29.9 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.3 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	49.6 GPM	RCP A SEAL INJ	8.6 GPM	RCP B&C SEAL INJ	8.6 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.7 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.540E+ TC	UP HD SUB COOLING	2.920E+ UPDH	CETC A-08	570.5 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	570.9 F
CETC H-15	573.0 F	CETC H-09	623.8 F	CETC R-07	567.2 F

TIME: 08:35:00

CONTROL BOARD INDICATIONS AT TIME: 08:40:00

POWER RANGE	99.3 %	INT RNG PWR	3.5E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	867.4 MW	LP A Thot	607.4 F	LP B&C Thot	607.5 F
RCS T-AVG	574.2 F	LP A Tcold	540.9 F	LP B&C Tcold	540.9 F
PRZ LEVEL	49.3 %	SG A PRESS	784.8 PSIG	SG B&C PRESS	784.8 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.82 MPPH	SG B&C STM FLO	3.93 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.90 MPPH	SG B&C FD FLOW	3.93 MPPH
CST LEVEL	29.9 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.4 %	SG B&C WR LEV	55.5 %
CHARGING FLOW	49.6 GPM	RCP A SEAL INJ	8.6 GPM	RCP B&C SEAL INJ	8.6 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.7 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.560E+ TC	UP HD SUB COOLING	2.940E+ UPDH	CETC A-08	570.4 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	570.8 F
CETC H-15	572.9 F	CETC H-09	623.6 F	CETC R-07	567.1 F

CONTROL BOARD INDICATIONS AT TIME: 08:45:00

POWER RANGE	99.2	%	INT RNG PWR	3.5E-04	AMPS	SR PWR	1.0E+00	CPM
GEN LOAD	866.9	MW	LP A Thot	607.3	F	LP B&C Thot	607.4	F
RCS T-AVG	574.1	F	LP A Tcold	540.8	F	LP B&C Tcold	540.8	F
PRZ LEVEL	49.2	%	SG A PRESS	784.1	PSIG	SG B&C PRESS	784.1	PSIG
PRZ PRESSURE	2235.0	PSIG	SG A STM FLO	3.82	MPPH	SG B&C STM FLO	3.90	MPPH
RCS WR PRESSURE	2245.0	PSIG	SG A FD FLOW	3.86	MPPH	SG B&C FD FLOW	3.92	MPPH
CST LEVEL	29.8	FT	SG A AFW FL	0	GPM	SG B&C AFW FL	0	GPM
			SG A NR LEV	44.0	%	SG B&C NR LEV	44.0	%
			SG A WR LEV	55.4	%	SG B&C WR LEV	55.4	%
CHARGING FLOW	49.5	GPM	RCP A SEAL INJ	8.6	GPM	RCP B&C SEAL INJ	8.6	GPM
LETDOWN FLOW	77.3	GPM	RCP A SEAL RET	2.8	GPM	RCP B&C SEAL RET	2.8	GPM
BIT FLOW	0.0	GPM	HHSI FLOW B TRN	0.0	GPM	RWST LEVEL	39.3	FT
TRAIN A RHR FLOW	0.0	GPM	TRAIN B RHR FLOW	0.0	GPM	ECCS SUMP LEVEL	0.0	FT
TRAIN A SPRAY FLOW	0.0	GPM	TRAIN B SPRAY FLOW	0.0	GPM	SPRAY TANK LEVEL	95.4	%
CNM TEMPERATURE	110.7	F	CNM PRESSURE	0.1	PSIG			
PRT TEMPERATURE	104.3	F	PRT LEVEL	71.5	%	PRT PRESSURE	5.1	PSIG
TC SUB COOLING	4.570E+	TC	UP HD SUB COOLING	2.950E+	UPDH	CETC A-08	570.2	F
UPPER PLENUM LEVEL	100	%	UPPER HEAD LEVEL	100	%	CETC G-01	570.7	F
CETC H-15	572.8	F	CETC H-09	623.5	F	CETC R-07	566.9	F

TIME: 08:45:00

CONTROL BOARD INDICATIONS AT TIME: 08:50:00

POWER RANGE	99.2 %	INT RNG PWR	3.4E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	866.6 MW	LP A Thot	607.1 F	LP B&C Thot	607.2 F
RCS T-AVG	573.9 F	LP A Tcold	540.7 F	LP B&C Tcold	540.7 F
PRZ LEVEL	49.1 %	SG A PRESS	783.4 PSIG	SG B&C PRESS	783.4 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.86 MPPH	SG B&C STM FLO	3.90 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.88 MPPH	SG B&C FD FLOW	3.89 MPPH
CST LEVEL	29.8 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.5 %	SG B&C WR LEV	55.5 %
CHARGING FLOW	49.3 GPM	RCP A SEAL INJ	8.6 GPM	RCP B&C SEAL INJ	8.6 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.8 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.590E+ TC	UP HD SUB COOLING	2.960E+ UPDH	CETC A-08	570.1 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	570.5 F
CETC H-15	572.7 F	CETC H-09	623.4 F	CETC R-07	566.8 F

TIME: 08:50:00

CONTROL BOARD INDICATIONS AT TIME: 08:55:00

POWER RANGE	99.1 %	INT RNG PWR	3.4E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	866.3 MW	LP A Thot	607.0 F	LP B&C Thot	607.1 F
RCS T-AVG	573.8 F	LP A Tcold	540.6 F	LP B&C Tcold	540.6 F
PRZ LEVEL	48.9 %	SG A PRESS	782.7 PSIG	SG B&C PRESS	782.7 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.95 MPPH	SG B&C STM FLO	3.79 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.88 MPPH	SG B&C FD FLOW	3.87 MPPH
CST LEVEL	29.7 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.4 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	49.5 GPM	RCP A SEAL INJ	8.6 GPM	RCP B&C SEAL INJ	8.6 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.8 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.600E+ TC	UP HD SUB COOLING	2.980E+ UPDH	CETC A-08	570.0 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	570.4 F
CETC H-15	572.6 F	CETC H-09	623.2 F	CETC R-07	566.8 F

TIME: 08:55:00

CONTROL BOARD INDICATIONS AT TIME: 09:00:00

POWER RANGE	99.0 %	INT RNG PWR	3.4E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	865.9 MW	LP A Thot	606.9 F	LP B&C Thot	606.9 F
RCS T-AVG	573.7 F	LP A Tcold	540.4 F	LP B&C Tcold	540.4 F
PRZ LEVEL	48.8 %	SG A PRESS	782.0 PSIG	SG B&C PRESS	782.0 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.76 MPPH	SG B&C STM FLO	3.88 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.90 MPPH	SG B&C FD FLOW	3.89 MPPH
CST LEVEL	29.7 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.5 %	SG B&C WR LEV	55.4 %
CHARGING FLOW	49.3 GPM	RCP A SEAL INJ	8.6 GPM	RCP B&C SEAL INJ	8.6 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.8 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.610E+ TC	UP HD SUB COOLING	2.990E+ UPDH	CETC A-08	569.9 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	570.3 F
CETC H-15	572.4 F	CETC H-09	623.1 F	CETC R-07	566.6 F

TIME: 09:00:00

CONTROL BOARD INDICATIONS AT TIME: 09:05:00

POWER RANGE	97.8 %	INT RNG PWR	3.4E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	851.8 MW	LP A Thot	606.9 F	LP B&C Thot	607.0 F
RCS T-AVG	574.1 F	LP A Tcold	541.3 F	LP B&C Tcold	541.3 F
PRZ LEVEL	49.4 %	SG A PRESS	790.0 PSIG	SG B&C PRESS	790.1 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.70 MPPH	SG B&C STM FLO	3.82 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.84 MPPH	SG B&C FD FLOW	3.85 MPPH
CST LEVEL	29.7 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.5 %	SG B&C WR LEV	55.5 %
CHARGING FLOW	44.5 GPM	RCP A SEAL INJ	8.7 GPM	RCP B&C SEAL INJ	8.7 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.9 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.610E+ TC	UP HD SUB COOLING	3.010E+ UPDH	CETC A-08	570.4 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	570.8 F
CETC H-15	572.9 F	CETC H-09	622.9 F	CETC R-07	567.1 F

TIME: 09:05:00

CONTROL BOARD INDICATIONS AT TIME: 09:10:00

POWER RANGE	96.5 %	INT RNG PWR	3.4E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	838.4 MW	LP A Thot	607.0 F	LP B&C Thot	607.0 F
RCS T-AVG	574.7 F	LP A Tcold	542.3 F	LP B&C Tcold	542.3 F
PRZ LEVEL	49.8 %	SG A PRESS	798.5 PSIG	SG B&C PRESS	798.5 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.65 MPPH	SG B&C STM FLO	3.76 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.79 MPPH	SG B&C FD FLOW	3.70 MPPH
CST LEVEL	29.6 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.6 %	SG B&C WR LEV	55.7 %
CHARGING FLOW	44.4 GPM	RCP A SEAL INJ	8.7 GPM	RCP B&C SEAL INJ	8.7 GPM
LETDOWN FLOW	77.3 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	110.9 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.600E+ TC	UP HD SUB COOLING	3.030E+ UPDH	CETC A-08	570.9 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.3 F
CETC H-15	573.4 F	CETC H-09	622.7 F	CETC R-07	567.7 F

TIME: 09:10:00

CONTROL BOARD INDICATIONS AT TIME: 09:15:00

POWER RANGE	95.1 %	INT RNG PWR	3.3E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	824.7 MW	LP A Thot	606.9 F	LP B&C Thot	607.0 F
RCS T-AVG	575.1 F	LP A Tcold	543.2 F	LP B&C Tcold	543.2 F
PRZ LEVEL	50.3 %	SG A PRESS	806.9 PSIG	SG B&C PRESS	806.9 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.59 MPPH	SG B&C STM FLO	3.63 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.70 MPPH	SG B&C FD FLOW	3.69 MPPH
CST LEVEL	29.6 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.7 %	SG B&C WR LEV	55.7 %
CHARGING FLOW	119.2 GPM	RCP A SEAL INJ	7.2 GPM	RCP B&C SEAL INJ	7.2 GPM
LETDOWN FLOW	131.8 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	111.0 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.610E+ TC	UP HD SUB COOLING	3.050E+ UPDH	CETC A-08	571.4 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.8 F
CETC H-15	573.8 F	CETC H-09	622.5 F	CETC R-07	568.2 F

TIME: 09:15:00

CONTROL BOARD INDICATIONS AT TIME: 09:20:00

POWER RANGE	93.4 %	INT RNG PWR	3.2E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	811.0 MW	LP A Thot	605.9 F	LP B&C Thot	606.0 F
RCS T-AVG	574.6 F	LP A Tcold	543.2 F	LP B&C Tcold	543.2 F
PRZ LEVEL	50.0 %	SG A PRESS	809.2 PSIG	SG B&C PRESS	809.2 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.52 MPPH	SG B&C STM FLO	3.57 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.64 MPPH	SG B&C FD FLOW	3.65 MPPH
CST LEVEL	29.5 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	55.9 %	SG B&C WR LEV	55.9 %
CHARGING FLOW	102.8 GPM	RCP A SEAL INJ	7.6 GPM	RCP B&C SEAL INJ	7.6 GPM
LETDOWN FLOW	131.8 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	111.0 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.710E+ TC	UP HD SUB COOLING	3.190E+ UPDH	CETC A-08	570.7 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	571.2 F
CETC H-15	573.1 F	CETC H-09	621.1 F	CETC R-07	567.8 F

TIME: 09:20:00

CONTROL BOARD INDICATIONS AT TIME: 09:25:00

POWER RANGE	92.0 %	INT RNG PWR	3.2E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	796.8 MW	LP A Thot	605.0 F	LP B&C Thot	605.1 F
RCS T-AVG	574.1 F	LP A Tcold	543.1 F	LP B&C Tcold	543.1 F
PRZ LEVEL	49.2 %	SG A PRESS	810.8 PSIG	SG B&C PRESS	810.9 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.47 MPPH	SG B&C STM FLO	3.55 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.57 MPPH	SG B&C FD FLOW	3.60 MPPH
CST LEVEL	29.4 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	56.0 %	SG B&C WR LEV	56.1 %
CHARGING FLOW	105.2 GPM	RCP A SEAL INJ	7.5 GPM	RCP B&C SEAL INJ	7.5 GPM
LETDOWN FLOW	131.7 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	111.0 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.800E+ TC	UP HD SUB COOLING	3.310E+ UPDH	CETC A-08	570.3 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	570.7 F
CETC H-15	572.6 F	CETC H-09	619.9 F	CETC R-07	567.3 F

TIME: 09:25:00

CONTROL BOARD INDICATIONS AT TIME: 09:30:00

POWER RANGE	90.2 %	INT RNG PWR	3.1E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	781.1 MW	LP A Thot	603.4 F	LP B&C Thot	603.5 F
RCS T-AVG	573.0 F	LP A Tcold	542.5 F	LP B&C Tcold	542.6 F
PRZ LEVEL	48.1 %	SG A PRESS	809.4 PSIG	SG B&C PRESS	809.4 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.52 MPPH	SG B&C STM FLO	3.55 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.47 MPPH	SG B&C FD FLOW	3.52 MPPH
CST LEVEL	29.4 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	56.3 %	SG B&C WR LEV	56.2 %
CHARGING FLOW	111.7 GPM	RCP A SEAL INJ	7.4 GPM	RCP B&C SEAL INJ	7.4 GPM
LETDOWN FLOW	131.7 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	111.1 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.960E+ TC	UP HD SUB COOLING	3.490E+ UPDH	CETC A-08	569.3 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	569.7 F
CETC H-15	571.6 F	CETC H-09	618.1 F	CETC R-07	566.4 F

TIME: 09:30:00

CONTROL BOARD INDICATIONS AT TIME: 09:35:00

POWER RANGE	88.5 %	INT RNG PWR	3.1E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	768.9 MW	LP A Thot	602.7 F	LP B&C Thot	602.7 F
RCS T-AVG	572.8 F	LP A Tcold	542.8 F	LP B&C Tcold	542.8 F
PRZ LEVEL	47.8 %	SG A PRESS	812.9 PSIG	SG B&C PRESS	812.9 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.38 MPPH	SG B&C STM FLO	3.34 MPPH
RCS WR PRESSURE	2244.0 PSIG	SG A FD FLOW	3.44 MPPH	SG B&C FD FLOW	3.46 MPPH
CST LEVEL	29.3 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	43.9 %	SG B&C NR LEV	43.9 %
		SG A WR LEV	56.3 %	SG B&C WR LEV	56.3 %
CHARGING FLOW	105.8 GPM	RCP A SEAL INJ	7.4 GPM	RCP B&C SEAL INJ	7.4 GPM
LETDOWN FLOW	131.6 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	111.1 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	4.930E+ TC	UP HD SUB COOLING	3.500E+ UPDH	CETC A-08	569.1 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	569.5 F
CETC H-15	571.4 F	CETC H-09	617.0 F	CETC R-07	566.3 F

TIME: 09:35:00

CONTROL BOARD INDICATIONS AT TIME: 09:40:00

POWER RANGE	87.2 %	INT RNG PWR	3.0E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	756.1 MW	LP A Thot	600.9 F	LP B&C Thot	601.0 F
RCS T-AVG	571.3 F	LP A Tcold	541.7 F	LP B&C Tcold	541.7 F
PRZ LEVEL	46.2 %	SG A PRESS	807.4 PSIG	SG B&C PRESS	807.4 PSIG
PRZ PRESSURE	2235.0 PSIG	SG A STM FLO	3.31 MPPH	SG B&C STM FLO	3.31 MPPH
RCS WR PRESSURE	2245.0 PSIG	SG A FD FLOW	3.38 MPPH	SG B&C FD FLOW	3.40 MPPH
CST LEVEL	29.3 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	56.6 %	SG B&C WR LEV	56.6 %
CHARGING FLOW	114.5 GPM	RCP A SEAL INJ	7.3 GPM	RCP B&C SEAL INJ	7.3 GPM
LETDOWN FLOW	131.7 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	111.1 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	5.210E+ TC	UP HD SUB COOLING	3.810E+ UPDH	CETC A-08	567.6 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	568.0 F
CETC H-15	569.9 F	CETC H-09	614.9 F	CETC R-07	564.8 F

TIME: 09:40:00

CONTROL BOARD INDICATIONS AT TIME: 09:45:00

POWER RANGE	85.8 %	INT RNG PWR	3.0E-04 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	746.2 MW	LP A Thot	600.2 F	LP B&C Thot	601.5 F
RCS T-AVG	570.9 F	LP A Tcold	541.5 F	LP B&C Tcold	541.6 F
PRZ LEVEL	43.5 %	SG A PRESS	808.0 PSIG	SG B&C PRESS	808.2 PSIG
PRZ PRESSURE	2203.0 PSIG	SG A STM FLO	3.26 MPPH	SG B&C STM FLO	3.27 MPPH
RCS WR PRESSURE	2212.0 PSIG	SG A FD FLOW	3.31 MPPH	SG B&C FD FLOW	3.30 MPPH
CST LEVEL	29.2 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.0 %	SG B&C NR LEV	44.0 %
		SG A WR LEV	56.7 %	SG B&C WR LEV	56.7 %
CHARGING FLOW	119.2 GPM	RCP A SEAL INJ	8.6 GPM	RCP B&C SEAL INJ	8.6 GPM
LETDOWN FLOW	130.6 GPM	RCP A SEAL RET	2.8 GPM	RCP B&C SEAL RET	2.8 GPM
BIT FLOW	0.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.0 FT
TRAIN A SPRAY FLOW	0.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	95.4 %
CNM TEMPERATURE	111.2 F	CNM PRESSURE	0.1 PSIG		
PRT TEMPERATURE	104.3 F	PRT LEVEL	71.5 %	PRT PRESSURE	5.1 PSIG
TC SUB COOLING	5.030E+ TC	UP HD SUB COOLING	3.650E+ UPDH	CETC A-08	567.1 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	567.5 F
CETC H-15	569.3 F	CETC H-09	614.0 F	CETC R-07	564.4 F

TIME: 09:45:00

CONTROL BOARD INDICATIONS AT TIME: 09:50:00

POWER RANGE	0.0 %	INT RNG PWR	3.2E-09 AMPS	SR PWR	1.0E+00 CPM
GEN LOAD	0.0 MW	LP A Thot	506.3 F	LP B&C Thot	506.3 F
RCS T-AVG	530.0 F	LP A Tcold	506.3 F	LP B&C Tcold	506.3 F
PRZ LEVEL	0.0 %	SG A PRESS	929.4 PSIG	SG B&C PRESS	929.0 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	710.4 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	29.1 FT	SG A AFW FL	170 GPM	SG B&C AFW FL	170 GPM
		SG A NR LEV	0.3 %	SG B&C NR LEV	0.3 %
		SG A WR LEV	55.1 %	SG B&C WR LEV	52.8 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	15.0 GPM	RCP B&C SEAL INJ	15.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	1.2 GPM	RCP B&C SEAL RET	1.2 GPM
BIT FLOW	599.4 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	39.0 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	0.3 FT
TRAIN A SPRAY FLOW	2380.0 GPM	TRAIN B SPRAY FLOW	1.3 GPM	SPRAY TANK LEVEL	94.7 %
CNM TEMPERATURE	300.1 F	CNM PRESSURE	30.8 PSIG		
PRT TEMPERATURE	104.4 F	PRT LEVEL	71.7 %	PRT PRESSURE	0.0 PSIG
TC SUB COOLING	2.000E- TC	UP HD SUB COOLING	-1.600E UPDH	CETC A-08	522.8 F
UPPER PLENUM LEVEL	0 %	UPPER HEAD LEVEL	0 %	CETC G-01	522.9 F
CETC H-15	522.8 F	CETC H-09	522.5 F	CETC R-07	522.9 F

TIME: 09:50:00

CONTROL BOARD INDICATIONS AT TIME: 09:55:00

POWER RANGE	0.0	%	INT RNG PWR	5.8E-11	AMPS	SR PWR	1.6E+04	CPM
GEN LOAD	0.0	MW	LP A Thot	459.6	F	LP B&C Thot	459.6	F
RCS T-AVG	530.0	F	LP A Tcold	459.6	F	LP B&C Tcold	459.6	F
PRZ LEVEL	0.0	%	SG A PRESS	823.4	PSIG	SG B&C PRESS	820.7	PSIG
PRZ PRESSURE	1700.0	PSIG	SG A STM FLO	0.00	MPPH	SG B&C STM FLO	0.00	MPPH
PCS WR PRESSURE	460.0	PSIG	SG A FD FLOW	0.00	MPPH	SG B&C FD FLOW	0.00	MPPH
CST LEVEL	28.9	FT	SG A AFW FL	188	GPM	SG B&C AFW FL	190	GPM
			SG A NR LEV	0.0	%	SG B&C NR LEV	0.0	%
			SG A WR LEV	57.3	%	SG B&C WR LEV	55.9	%
CHARGING FLOW	0.0	GPM	RCP A SEAL INJ	15.0	GPM	RCP B&C SEAL INJ	15.0	GPM
LETDOWN FLOW	0.0	GPM	RCP A SEAL RET	1.1	GPM	RCP B&C SEAL RET	1.1	GPM
BIT FLOW	669.2	GPM	HHSI FLOW B TRN	0.0	GPM	RWST LEVEL	37.7	FT
TRAIN A RHR FLOW	0.0	GPM	TRAIN B RHR FLOW	0.0	GPM	ECCS SUMP LEVEL	0.7	FT
TRAIN A SPRAY FLOW	2546.0	GPM	TRAIN B SPRAY FLOW	0.0	GPM	SPRAY TANK LEVEL	89.5	%
CNM TEMPERATURE	314.1	F	CNM PRESSURE	38.7	PSIG			
PRT TEMPERATURE	104.4	F	PRT LEVEL	71.9	%	PRT PRESSURE	0.0	PSIG
TC SUB COOLING	1.900E+	TC	UP HD SUB COOLING	-1.440E	UPDH	CETC A-08	476.2	F
UPPER PLENUM LEVEL	0	%	UPPER HEAD LEVEL	0	%	CETC G-01	476.3	F
CETC H-15	476.2	F	CETC H-09	475.9	F	CETC R-07	476.3	F

TIME: 09:55:00

CONTROL BOARD INDICATIONS AT TIME: 10:00:00

POWER RANGE	0.0 %	INT RNG PWR	1.1E-11 AMPS	SR PWR	3.3E+02 CPM
GEN LOAD	0.0 MW	LP A Thot	425.4 F	LP B&C Thot	425.4 F
RCS T-AVG	530.0 F	LP A Tcold	425.4 F	LP B&C Tcold	425.4 F
PRZ LEVEL	0.0 %	SG A PRESS	703.1 PSIG	SG B&C PRESS	687.5 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	318.0 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	28.6 FT	SG A AFW FL	204 GPM	SG B&C AFW FL	213 GPM
		SG A NR LEV	0.0 %	SG B&C NR LEV	0.0 %
		SG A WR LEV	59.7 %	SG B&C WR LEV	58.5 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	15.0 GPM	RCP B&C SEAL INJ	15.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	1.0 GPM	RCP B&C SEAL RET	1.0 GPM
BIT FLOW	705.8 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	36.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	1.0 FT
TRAIN A SPRAY FLOW	2553.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	84.4 %
CNM TEMPERATURE	314.1 F	CNM PRESSURE	37.4 PSIG		
PRT TEMPERATURE	104.4 F	PRT LEVEL	72.1 %	PRT PRESSURE	0.0 PSIG
TC SUB COOLING	-4.000E TC	UP HD SUB COOLING	-1.490E UPDH	CETC A-08	440.2 F
UPPER PLENUM LEVEL	0 %	UPPER HEAD LEVEL	0 %	CETC G-01	437.2 F
CETC H-15	440.2 F	CETC H-09	439.9 F	CETC R-07	440.3 F

TIME: 10:00:00

CONTROL BOARD INDICATIONS AT TIME: 10:05:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.3E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	398.4 F	LP B&C Thot	398.4 F
RCS T-AVG	530.0 F	LP A Tcold	398.4 F	LP B&C Tcold	398.4 F
PRZ LEVEL	0.0 %	SG A PRESS	591.1 PSIG	SG B&C PRESS	563.9 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	236.3 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	28.4 FT	SG A AFW FL	217 GPM	SG B&C AFW FL	233 GPM
		SG A NR LEV	2.5 %	SG B&C NR LEV	0.0 %
		SG A WR LEV	62.2 %	SG B&C WR LEV	61.1 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	15.0 GPM	RCP B&C SEAL INJ	15.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.4 GPM	RCP B&C SEAL RET	0.4 GPM
BIT FLOW	726.6 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	35.0 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	1.2 FT
TRAIN A SPRAY FLOW	2580.0 GPM	TRAIN B SPRAY FLOW	0.0 GPM	SPRAY TANK LEVEL	79.2 %
CNM TEMPERATURE	308.1 F	CNM PRESSURE	34.0 PSIG		
PRT TEMPERATURE	104.4 F	PRT LEVEL	72.2 %	PRT PRESSURE	0.0 PSIG
TC SUB COOLING	2.600E+ TC	UP HD SUB COOLING	-1.050E UPDH	CETC A-08	411.0 F
UPPER PLENUM LEVEL	0 %	UPPER HEAD LEVEL	0 %	CETC G-01	409.1 F
CETC H-15	409.7 F	CETC H-09	411.5 F	CETC R-07	411.9 F

TIME: 10:05:00

CONTROL BOARD INDICATIONS AT TIME: 10:10:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	7.8E+00 CPM
GEN LOAD	0.0 MW	LP A Thot	379.2 F	LP B&C Thot	379.2 F
RCS T-AVG	530.0 F	LP A Tcold	379.2 F	LP B&C Tcold	379.2 F
PRZ LEVEL	0.0 %	SG A PRESS	492.9 PSIG	SG B&C PRESS	456.9 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	184.3 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	28.1 FT	SG A AFW FL	228 GPM	SG B&C AFW FL	248 GPM
		SG A NR LEV	9.7 %	SG B&C NR LEV	2.5 %
		SG A WR LEV	64.8 %	SG B&C WR LEV	63.9 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	15.0 GPM	RCP B&C SEAL INJ	15.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.1 GPM	RCP B&C SEAL RET	0.1 GPM
BIT FLOW	739.6 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	33.6 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	1.5 FT
TRAIN A SPRAY FLOW	2614.0 GPM	TRAIN B SPRAY FLOW	1.0 GPM	SPRAY TANK LEVEL	74.0 %
CNM TEMPERATURE	297.7 F	CNM PRESSURE	29.9 PSIG		
PRT TEMPERATURE	104.4 F	PRT LEVEL	72.2 %	PRT PRESSURE	0.0 PSIG
TC SUB COOLING	8.000E- TC	UP HD SUB COOLING	-1.310E UPDH	CETC A-08	393.3 F
UPPER PLENUM LEVEL	0 %	UPPER HEAD LEVEL	0 %	CETC G-01	393.5 F
CETC H-15	393.4 F	CETC H-09	393.1 F	CETC R-07	393.5 F

TIME: 10:10:00

CONTROL BOARD INDICATIONS AT TIME: 10:15:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.3E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	361.7 F	LP B&C Thot	361.7 F
RCS T-AVG	530.0 F	LP A Tcold	361.7 F	LP B&C Tcold	361.7 F
PRZ LEVEL	0.0 %	SG A PRESS	409.0 PSIG	SG B&C PRESS	367.6 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	144.2 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.8 FT	SG A AFW FL	237 GPM	SG B&C AFW FL	259 GPM
		SG A NR LEV	17.4 %	SG B&C NR LEV	10.7 %
		SG A WR LEV	67.3 %	SG B&C WR LEV	66.6 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	15.0 GPM	RCP B&C SEAL INJ	15.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	749.5 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	32.2 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	1.7 FT
TRAIN A SPRAY FLOW	2661.0 GPM	TRAIN B SPRAY FLOW	2.1 GPM	SPRAY TANK LEVEL	68.8 %
CNM TEMPERATURE	283.1 F	CNM PRESSURE	24.4 PSIG		
PRT TEMPERATURE	104.4 F	PRT LEVEL	72.2 %	PRT PRESSURE	0.0 PSIG
TC SUB COOLING	3.000E- TC	UP HD SUB COOLING	-1.280E UPDH	CETC A-08	374.7 F
UPPER PLENUM LEVEL	0 %	UPPER HEAD LEVEL	0 %	CETC G-01	374.8 F
CETC H-15	375.0 F	CETC H-09	374.8 F	CETC R-07	375.2 F

TIME: 10:15:00

CONTROL BOARD INDICATIONS AT TIME: 10:20:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	2.4E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	350.7 F	LP B&C Thot	350.7 F
RCS T-AVG	530.0 F	LP A Tcold	350.7 F	LP B&C Tcold	350.7 F
PRZ LEVEL	0.0 %	SG A PRESS	339.7 PSIG	SG B&C PRESS	296.3 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	125.2 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.6 FT	SG A AFW FL	190 GPM	SG B&C AFW FL	187 GPM
		SG A NR LEV	25.4 %	SG B&C NR LEV	19.0 %
		SG A WR LEV	69.9 %	SG B&C WR LEV	69.4 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	15.0 GPM	RCP B&C SEAL INJ	15.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	754.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	30.7 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	2.0 FT
TRAIN A SPRAY FLOW	2708.0 GPM	TRAIN B SPRAY FLOW	3.2 GPM	SPRAY TANK LEVEL	63.6 %
CNM TEMPERATURE	265.8 F	CNM PRESSURE	19.0 PSIG		
PRT TEMPERATURE	104.4 F	PRT LEVEL	72.2 %	PRT PRESSURE	0.0 PSIG
TC SUB COOLING	2.300E+ TC	UP HD SUB COOLING	1.700E+ UPDH	CETC A-08	348.6 F
UPPER PLENUM LEVEL	0 %	UPPER HEAD LEVEL	0 %	CETC G-01	347.6 F
CETC H-15	348.4 F	CETC H-09	351.3 F	CETC R-07	347.7 F

TIME: 10:20:00

CONTROL BOARD INDICATIONS AT TIME: 10:25:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	2.5E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	338.5 F	LP B&C Thot	338.5 F
RCS T-AVG	530.0 F	LP A Tcold	338.5 F	LP B&C Tcold	338.5 F
PRZ LEVEL	0.0 %	SG A PRESS	301.1 PSIG	SG B&C PRESS	262.6 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	106.1 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.4 FT	SG A AFW FL	156 GPM	SG B&C AFW FL	135 GPM
		SG A NR LEV	30.8 %	SG B&C NR LEV	23.5 %
		SG A WR LEV	71.6 %	SG B&C WR LEV	71.0 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	15.0 GPM	RCP B&C SEAL INJ	15.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	758.6 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	29.3 FT
TRAIN A RHR FLOW	0.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	2.2 FT
TRAIN A SPRAY FLOW	2746.0 GPM	TRAIN B SPRAY FLOW	4.0 GPM	SPRAY TANK LEVEL	58.4 %
CNM TEMPERATURE	251.2 F	CNM PRESSURE	14.4 PSIG		
PRT TEMPERATURE	104.4 F	PRT LEVEL	72.2 %	PRT PRESSURE	0.0 PSIG
TC SUB COOLING	3.500E+ TC	UP HD SUB COOLING	2.700E+ UPDH	CETC A-08	334.9 F
UPPER PLENUM LEVEL	0 %	UPPER HEAD LEVEL	0 %	CETC G-01	333.3 F
CETC H-15	334.6 F	CETC H-09	339.3 F	CETC R-07	333.5 F

TIME: 10:25:00

CONTROL BOARD INDICATIONS AT TIME: 10:30:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	2.6E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	343.2 F	LP B&C Thot	343.2 F
RCS T-AVG	530.0 F	LP A Tcold	343.2 F	LP B&C Tcold	343.2 F
PRZ LEVEL	0.0 %	SG A PRESS	267.8 PSIG	SG B&C PRESS	234.0 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	109.3 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.2 FT	SG A AFW FL	158 GPM	SG B&C AFW FL	137 GPM
		SG A NR LEV	36.3 %	SG B&C NR LEV	27.9 %
		SG A WR LEV	73.2 %	SG B&C WR LEV	72.3 %
CHARGING FLOW	8.2 GPM	RCP A SEAL INJ	15.0 GPM	RCP B&C SEAL INJ	15.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	757.1 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	27.2 FT
TRAIN A RHR FLOW	2661.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	2.4 FT
TRAIN A SPRAY FLOW	2785.0 GPM	TRAIN B SPRAY FLOW	4.9 GPM	SPRAY TANK LEVEL	53.3 %
CNM TEMPERATURE	175.6 F	CNM PRESSURE	9.5 PSIG		
PRT TEMPERATURE	104.4 F	PRT LEVEL	72.2 %	PRT PRESSURE	0.0 PSIG
TC SUB COOLING	3.000E- TC	UP HD SUB COOLING	-2.000E UPDH	CETC A-08	326.3 F
UPPER PLENUM LEVEL	77 %	UPPER HEAD LEVEL	0 %	CETC G-01	319.5 F
CETC H-15	325.2 F	CETC H-09	345.5 F	CETC R-07	320.4 F

TIME: 10:30:00

CONTROL BOARD INDICATIONS AT TIME: 10:35:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	2.7E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	365.5 F	LP B&C Thot	365.5 F
RCS T-AVG	530.0 F	LP A Tcold	365.5 F	LP B&C Tcold	362.9 F
PRZ LEVEL	2.8 %	SG A PRESS	253.6 PSIG	SG B&C PRESS	207.1 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	155.7 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	161 GPM
		SG A NR LEV	38.6 %	SG B&C NR LEV	32.7 %
		SG A WR LEV	74.2 %	SG B&C WR LEV	73.7 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	15.0 GPM	RCP B&C SEAL INJ	15.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	746.6 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	25.0 FT
TRAIN A RHR FLOW	1694.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	2.7 FT
TRAIN A SPRAY FLOW	2790.0 GPM	TRAIN B SPRAY FLOW	5.1 GPM	SPRAY TANK LEVEL	48.1 %
CNM TEMPERATURE	150.2 F	CNM PRESSURE	8.0 PSIG		
PRT TEMPERATURE	105.5 F	PRT LEVEL	72.2 %	PRT PRESSURE	0.0 PSIG
TC SUB COOLING	2.900E+ TC	UP HD SUB COOLING	5.260E+ UPDH	CETC A-08	292.2 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	0 %	CETC G-01	283.8 F
CETC H-15	290.8 F	CETC H-09	315.8 F	CETC R-07	284.9 F

TIME: 10:35:00

CONTROL BOARD INDICATIONS AT TIME: 10:40:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	2.3E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	356.3 F	LP B&C Thot	356.3 F
RCS T-AVG	530.0 F	LP A Tcold	356.3 F	LP B&C Tcold	356.3 F
PRZ LEVEL	55.5 %	SG A PRESS	253.1 PSIG	SG B&C PRESS	183.6 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	147.1 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	38.6 %	SG B&C NR LEV	38.0 %
		SG A WR LEV	74.3 %	SG B&C WR LEV	75.6 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	15.0 GPM	RCP B&C SEAL INJ	15.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	748.8 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	22.7 FT
TRAIN A RHR FLOW	1893.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	3.0 FT
TRAIN A SPRAY FLOW	2786.0 GPM	TRAIN B SPRAY FLOW	5.0 GPM	SPRAY TANK LEVEL	42.9 %
CNM TEMPERATURE	145.3 F	CNM PRESSURE	7.5 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	0.0 PSIG
TC SUB COOLING	7.900E+ TC	UP HD SUB COOLING	6.810E+ UPDH	CETC A-08	267.8 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	0 %	CETC G-01	257.8 F
CETC H-15	266.2 F	CETC H-09	296.1 F	CETC R-07	259.1 F

TIME: 10:40:00

CONTROL BOARD INDICATIONS AT TIME: 10:45:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	2.2E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	362.9 F	LP B&C Thot	364.4 F
RCS T-AVG	530.0 F	LP A Tcold	364.4 F	LP B&C Tcold	364.4 F
PRZ LEVEL	61.1 %	SG A PRESS	252.7 PSIG	SG B&C PRESS	182.2 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	162.6 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	38.6 %	SG B&C NR LEV	37.8 %
		SG A WR LEV	74.3 %	SG B&C WR LEV	75.6 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	15.0 GPM	RCP B&C SEAL INJ	15.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	744.6 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	20.6 FT
TRAIN A RHR FLOW	1471.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	3.3 FT
TRAIN A SPRAY FLOW	2780.0 GPM	TRAIN B SPRAY FLOW	4.8 GPM	SPRAY TANK LEVEL	37.7 %
CNM TEMPERATURE	144.8 F	CNM PRESSURE	7.2 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	0.0 PSIG
TC SUB COOLING	9.300E+ TC	UP HD SUB COOLING	7.900E+ UPDH	CETC A-08	259.7 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	0 %	CETC G-01	247.8 F
CETC H-15	257.7 F	CETC H-09	293.2 F	CETC R-07	249.3 F

TIME: 10:45:00

CONTROL BOARD INDICATIONS AT TIME: 10:50:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	2.1E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	341.9 F	LP B&C Thot	358.5 F
RCS T-AVG	530.0 F	LP A Tcold	364.8 F	LP B&C Tcold	364.8 F
PRZ LEVEL	62.5 %	SG A PRESS	252.3 PSIG	SG B&C PRESS	180.3 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	163.4 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	38.6 %	SG B&C NR LEV	37.5 %
		SG A WR LEV	74.3 %	SG B&C WR LEV	75.5 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	15.0 GPM	RCP B&C SEAL INJ	15.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	744.1 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	18.6 FT
TRAIN A RHR FLOW	1425.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	3.6 FT
TRAIN A SPRAY FLOW	2773.0 GPM	TRAIN B SPRAY FLOW	4.7 GPM	SPRAY TANK LEVEL	32.5 %
CNM TEMPERATURE	145.1 F	CNM PRESSURE	7.0 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	0.0 PSIG
TC SUB COOLING	3.110E+ TC	UP HD SUB COOLING	8.370E+ UPDH	CETC A-08	252.2 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	0 %	CETC G-01	239.1 F
CETC H-15	250.1 F	CETC H-09	289.3 F	CETC R-07	240.8 F

TIME: 10:50:00

CONTROL BOARD INDICATIONS AT TIME: 10:55:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	2.0E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	324.1 F	LP B&C Thot	345.0 F
RCS T-AVG	530.0 F	LP A Tcold	364.3 F	LP B&C Tcold	364.3 F
PRZ LEVEL	63.5 %	SG A PRESS	251.9 PSIG	SG B&C PRESS	178.0 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	162.7 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	38.5 %	SG B&C NR LEV	37.2 %
		SG A WR LEV	74.3 %	SG B&C WR LEV	75.5 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	15.0 GPM	RCP B&C SEAL INJ	15.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	744.1 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	16.5 FT
TRAIN A RHR FLOW	1422.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	3.8 FT
TRAIN A SPRAY FLOW	2766.0 GPM	TRAIN B SPRAY FLOW	4.5 GPM	SPRAY TANK LEVEL	27.4 %
CNM TEMPERATURE	145.5 F	CNM PRESSURE	6.9 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	0.0 PSIG
TC SUB COOLING	4.880E+ TC	UP HD SUB COOLING	8.870E+ UPDH	CETC A-08	244.9 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	0 %	CETC G-01	231.0 F
CETC H-15	242.6 F	CETC H-09	284.2 F	CETC R-07	232.8 F

TIME: 10:55:00

CONTROL BOARD INDICATIONS AT TIME: 11:00:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	2.0E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	308.8 F	LP B&C Thot	333.8 F
RCS T-AVG	530.0 F	LP A Tcold	363.7 F	LP B&C Tcold	363.7 F
PRZ LEVEL	64.4 %	SG A PRESS	251.4 PSIG	SG B&C PRESS	175.5 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	161.7 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	38.5 %	SG B&C NR LEV	36.8 %
		SG A WR LEV	74.3 %	SG B&C WR LEV	75.5 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	15.0 GPM	RCP B&C SEAL INJ	15.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	744.1 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	14.5 FT
TRAIN A RHR FLOW	1426.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	4.1 FT
TRAIN A SPRAY FLOW	2760.0 GPM	TRAIN B SPRAY FLOW	4.4 GPM	SPRAY TANK LEVEL	22.2 %
CNM TEMPERATURE	146.7 F	CNM PRESSURE	6.6 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	0.0 PSIG
TC SUB COOLING	6.380E+ TC	UP HD SUB COOLING	9.400E+ UPDH	CETC A-08	238.0 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	223.7 F
CETC H-15	235.6 F	CETC H-09	278.6 F	CETC R-07	225.5 F

TIME: 11:00:00

CONTROL BOARD INDICATIONS AT TIME: 11:05:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.9E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	294.7 F	LP B&C Thot	323.3 F
RCS T-AVG	530.0 F	LP A Tcold	363.4 F	LP B&C Tcold	363.4 F
PRZ LEVEL	65.4 %	SG A PRESS	251.0 PSIG	SG B&C PRESS	172.6 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	161.3 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	38.5 %	SG B&C NR LEV	36.4 %
		SG A WR LEV	74.3 %	SG B&C WR LEV	75.5 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	15.0 GPM	RCP B&C SEAL INJ	15.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	744.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	12.5 FT
TRAIN A RHR FLOW	1414.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	4.4 FT
TRAIN A SPRAY FLOW	2755.0 GPM	TRAIN B SPRAY FLOW	4.2 GPM	SPRAY TANK LEVEL	17.0 %
CNM TEMPERATURE	147.4 F	CNM PRESSURE	6.2 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	0.0 PSIG
TC SUB COOLING	7.740E+ TC	UP HD SUB COOLING	9.870E+ UPDH	CETC A-08	232.1 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	217.5 F
CETC H-15	229.6 F	CETC H-09	273.4 F	CETC R-07	219.4 F

TIME: 11:05:00

CONTROL BOARD INDICATIONS AT TIME: 11:10:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.8E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	274.4 F	LP B&C Thot	349.0 F
RCS T-AVG	530.0 F	LP A Tcold	349.0 F	LP B&C Tcold	340.6 F
PRZ LEVEL	59.1 %	SG A PRESS	250.6 PSIG	SG B&C PRESS	169.6 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	133.7 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	38.5 %	SG B&C NR LEV	35.9 %
		SG A WR LEV	74.3 %	SG B&C WR LEV	75.5 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	15.0 GPM	RCP B&C SEAL INJ	15.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	750.5 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	10.7 FT
TRAIN A RHR FLOW	872.1 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	4.7 FT
TRAIN A SPRAY FLOW	2751.0 GPM	TRAIN B SPRAY FLOW	4.2 GPM	SPRAY TANK LEVEL	11.8 %
CNM TEMPERATURE	147.7 F	CNM PRESSURE	5.9 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	0.3 PSIG
TC SUB COOLING	8.260E+ TC	UP HD SUB COOLING	1.431E+ UPDH	CETC A-08	189.6 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	181.0 F
CETC H-15	188.1 F	CETC H-09	213.9 F	CETC R-07	182.1 F

TIME: 11:10:00

CONTROL BOARD INDICATIONS AT TIME: 11:15:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.8E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	235.2 F	LP B&C Thot	333.1 F
RCS T-AVG	530.0 F	LP A Tcold	333.1 F	LP B&C Tcold	324.3 F
PRZ LEVEL	49.9 %	SG A PRESS	250.2 PSIG	SG B&C PRESS	166.3 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	110.2 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	38.5 %	SG B&C NR LEV	35.4 %
		SG A WR LEV	74.3 %	SG B&C WR LEV	75.5 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	596.5 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	9.4 FT
TRAIN A RHR FLOW	787.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	4.9 FT
TRAIN A SPRAY FLOW	2748.0 GPM	TRAIN B SPRAY FLOW	4.1 GPM	SPRAY TANK LEVEL	6.6 %
CNM TEMPERATURE	147.3 F	CNM PRESSURE	5.6 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	0.6 PSIG
TC SUB COOLING	1.088E+ TC	UP HD SUB COOLING	1.511E+ UPDH	CETC A-08	174.0 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	167.3 F
CETC H-15	172.9 F	CETC H-09	192.9 F	CETC R-07	168.2 F

TIME: 11:15:00

CONTROL BOARD INDICATIONS AT TIME: 11:20:00

POWER RANGE	0.0	%	INT RNG PWR	1.0E-11	AMPS	SR PWR	1.8E+01	CPM
GEN LOAD	0.0	MW	LP A Thot	208.1	F	LP B&C Thot	322.6	F
RCS T-AVG	530.0	F	LP A Tcold	322.6	F	LP B&C Tcold	281.7	F
PRZ LEVEL	42.1	%	SG A PRESS	249.8	PSIG	SG B&C PRESS	162.7	PSIG
PRZ PRESSURE	1700.0	PSIG	SG A STM FLO	0.00	MPPH	SG B&C STM FLO	0.00	MPPH
RCS WR PRESSURE	94.2	PSIG	SG A FD FLOW	0.00	MPPH	SG B&C FD FLOW	0.00	MPPH
CST LEVEL	27.1	FT	SG A AFW FL	0	GPM	SG B&C AFW FL	0	GPM
			SG A NR LEV	38.5	%	SG B&C NR LEV	34.8	%
			SG A WR LEV	74.3	%	SG B&C WR LEV	75.4	%
CHARGING FLOW	0.0	GPM	RCP A SEAL INJ	0.0	GPM	RCP B&C SEAL INJ	0.0	GPM
LETDOWN FLOW	0.0	GPM	RCP A SEAL RET	0.0	GPM	RCP B&C SEAL RET	0.0	GPM
BIT FLOW	597.4	GPM	HHSI FLOW B TRN	0.0	GPM	RWST LEVEL	8.3	FT
TRAIN A RHR FLOW	1003.0	GPM	TRAIN B RHR FLOW	0.0	GPM	ECCS SUMP LEVEL	5.1	FT
TRAIN A SPRAY FLOW	2755.0	GPM	TRAIN B SPRAY FLOW	4.3	GPM	SPRAY TANK LEVEL	5.5	%
CNM TEMPERATURE	151.2	F	CNM PRESSURE	4.1	PSIG			
PRT TEMPERATURE	110.4	F	PRT LEVEL	72.7	%	PRT PRESSURE	2.1	PSIG
TC SUB COOLING	1.229E+	TC	UP HD SUB COOLING	1.541E+	UPDH	CETC A-08	162.1	F
UPPER PLENUM LEVEL	100	%	UPPER HEAD LEVEL	100	%	CETC G-01	156.9	F
CETC H-15	161.3	F	CETC H-09	176.9	F	CETC R-07	157.6	F

TIME: 11:20:00

CONTROL BOARD INDICATIONS AT TIME: 11:25:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.8E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	186.3 F	LP B&C Thot	317.6 F
RCS T-AVG	530.0 F	LP A Tcold	317.6 F	LP B&C Tcold	259.3 F
PRZ LEVEL	37.5 %	SG A PRESS	249.3 PSIG	SG B&C PRESS	158.9 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	87.8 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	38.4 %	SG B&C NR LEV	34.2 %
		SG A WR LEV	74.3 %	SG B&C WR LEV	75.4 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	597.8 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	7.2 FT
TRAIN A RHR FLOW	1108.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	5.2 FT
TRAIN A SPRAY FLOW	2751.0 GPM	TRAIN B SPRAY FLOW	4.2 GPM	SPRAY TANK LEVEL	5.5 %
CNM TEMPERATURE	147.6 F	CNM PRESSURE	3.9 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	2.3 PSIG
TC SUB COOLING	1.417E+ TC	UP HD SUB COOLING	1.632E+ UPDH	CETC A-08	153.2 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	149.1 F
CETC H-15	152.5 F	CETC H-09	164.8 F	CETC R-07	149.6 F

TIME: 11:25:00

CONTROL BOARD INDICATIONS AT TIME: 11:30:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.8E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	171.5 F	LP B&C Thot	313.8 F
RCS T-AVG	530.0 F	LP A Tcold	313.8 F	LP B&C Tcold	247.5 F
PRZ LEVEL	33.5 %	SG A PRESS	248.9 PSIG	SG B&C PRESS	154.8 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	82.4 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.1 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	38.4 %	SG B&C NR LEV	33.5 %
		SG A WR LEV	74.3 %	SG B&C WR LEV	75.4 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	598.2 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	6.1 FT
TRAIN A RHR FLOW	1190.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	5.4 FT
TRAIN A SPRAY FLOW	2747.0 GPM	TRAIN B SPRAY FLOW	4.1 GPM	SPRAY TANK LEVEL	5.5 %
CNM TEMPERATURE	147.1 F	CNM PRESSURE	3.9 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	2.3 PSIG
TC SUB COOLING	1.548E+ TC	UP HD SUB COOLING	1.697E+ UPDH	CETC A-08	147.6 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	144.4 F
CETC H-15	147.1 F	CETC H-09	156.6 F	CETC R-07	144.8 F

TIME: 11:30:00

CONTROL BOARD INDICATIONS AT TIME: 11:35:00

POWER RANGE	0.0	%	INT RNG PWR	1.0E-11	AMPS	SR PWR	1.8E+01	CPM
GEN LOAD	0.0	MW	LP A Thot	161.7	F	LP B&C Thot	312.7	F
RCS T-AVG	530.0	F	LP A Tcold	312.7	F	LP B&C Tcold	242.8	F
PRZ LEVEL	24.6	%	SG A PRESS	247.5	PSIG	SG B&C PRESS	149.6	PSIG
PRZ PRESSURE	1700.0	PSIG	SG A STM FLO	0.00	MPPH	SG B&C STM FLO	0.00	MPPH
RCS WR PRESSURE	79.8	PSIG	SG A FD FLOW	0.00	MPPH	SG B&C FD FLOW	0.00	MPPH
CST LEVEL	27.1	FT	SG A AFW FL	31	GPM	SG B&C AFW FL	34	GPM
			SG A NR LEV	38.6	%	SG B&C NR LEV	33.0	%
			SG A WR LEV	74.3	%	SG B&C WR LEV	75.3	%
CHARGING FLOW	0.0	GPM	RCP A SEAL INJ	0.0	GPM	RCP B&C SEAL INJ	0.0	GPM
LETDOWN FLOW	0.0	GPM	RCP A SEAL RET	0.0	GPM	RCP B&C SEAL RET	0.0	GPM
BIT FLOW	598.3	GPM	HHSI FLOW B TRN	0.0	GPM	RWST LEVEL	5.0	FT
TRAIN A RHR FLOW	1229.0	GPM	TRAIN B RHR FLOW	0.0	GPM	ECCS SUMP LEVEL	5.6	FT
TRAIN A SPRAY FLOW	2743.0	GPM	TRAIN B SPRAY FLOW	4.0	GPM	SPRAY TANK LEVEL	5.5	%
CNM TEMPERATURE	147.0	F	CNM PRESSURE	3.9	PSIG			
PRT TEMPERATURE	110.4	F	PRT LEVEL	72.7	%	PRT PRESSURE	2.3	PSIG
TC SUB COOLING	1.636E+	TC	UP HD SUB COOLING	1.708E+	UPDH	CETC A-08	146.4	F
UPPER PLENUM LEVEL	100	%	UPPER HEAD LEVEL	100	%	CETC G-01	143.5	F
CETC H-15	145.9	F	CETC H-09	154.5	F	CETC R-07	143.9	F

TIME: 11:35:00

CONTROL BOARD INDICATIONS AT TIME: 11:40:00

POWER RANGE	0.0	%	INT RNG PWR	1.0E-11	AMPS	SR PWR	1.8E+01	CPM
GEN LOAD	0.0	MW	LP A Thot	166.2	F	LP B&C Thot	313.0	F
RCS T-AVG	530.0	F	LP A Tcold	313.0	F	LP B&C Tcold	237.0	F
PRZ LEVEL	21.9	%	SG A PRESS	241.7	PSIG	SG B&C PRESS	141.8	PSIG
PRZ PRESSURE	1700.0	PSIG	SG A STM FLO	0.00	MPPH	SG B&C STM FLO	0.00	MPPH
RCS WR PRESSURE	78.4	PSIG	SG A FD FLOW	0.00	MPPH	SG B&C FD FLOW	0.00	MPPH
CST LEVEL	27.0	FT	SG A AFW FL	31	GPM	SG B&C AFW FL	34	GPM
			SG A NR LEV	39.7	%	SG B&C NR LEV	33.6	%
			SG A WR LEV	74.6	%	SG B&C WR LEV	75.6	%
CHARGING FLOW	0.0	GPM	RCP A SEAL INJ	0.0	GPM	RCP B&C SEAL INJ	0.0	GPM
LETDOWN FLOW	0.0	GPM	RCP A SEAL RET	0.0	GPM	RCP B&C SEAL RET	0.0	GPM
BIT FLOW	598.0	GPM	HHSI FLOW B TRN	0.0	GPM	RWST LEVEL	4.2	FT
TRAIN A RHR FLOW	1438.0	GPM	TRAIN B RHR FLOW	0.0	GPM	ECCS SUMP LEVEL	5.7	FT
TRAIN A SPRAY FLOW	2673.0	GPM	TRAIN B SPRAY FLOW	4.0	GPM	SPRAY TANK LEVEL	5.5	%
CNM TEMPERATURE	147.0	F	CNM PRESSURE	3.9	PSIG			
PRT TEMPERATURE	110.4	F	PRT LEVEL	72.7	%	PRT PRESSURE	2.4	PSIG
TC SUB COOLING	1.578E+	TC	UP HD SUB COOLING	1.775E+	UPDH	CETC A-08	141.0	F
UPPER PLENUM LEVEL	100	%	UPPER HEAD LEVEL	100	%	CETC G-01	139.1	F
CETC H-15	140.7	F	CETC H-09	146.5	F	CETC R-07	139.3	F

TIME: 11:40:00

CONTROL BOARD INDICATIONS AT TIME: 11:45:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.8E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	174.5 F	LP B&C Thot	313.1 F
RCS T-AVG	530.0 F	LP A Tcold	313.1 F	LP B&C Tcold	236.3 F
PRZ LEVEL	21.9 %	SG A PRESS	231.9 PSIG	SG B&C PRESS	137.5 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	78.4 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.0 FT	SG A AFW FL	63 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	41.9 %	SG B&C NR LEV	33.0 %
		SG A WR LEV	75.1 %	SG B&C WR LEV	75.7 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	598.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	4.2 FT
TRAIN A RHR FLOW	1436.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	5.6 FT
TRAIN A SPRAY FLOW	2673.0 GPM	TRAIN B SPRAY FLOW	4.0 GPM	SPRAY TANK LEVEL	5.5 %
CNM TEMPERATURE	147.0 F	CNM PRESSURE	3.8 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	2.4 PSIG
TC SUB COOLING	1.495E+ TC	UP HD SUB COOLING	1.804E+ UPDH	CETC A-08	139.2 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	137.6 F
CETC H-15	138.9 F	CETC E-09	143.6 F	CETC R-07	137.8 F

TIME: 11:45:00

CONTROL BOARD INDICATIONS AT TIME: 11:50:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.8E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	174.6 F	LP B&C Thot	314.8 F
RCS T-AVG	530.0 F	LP A Tcold	314.8 F	LP B&C Tcold	238.6 F
PRZ LEVEL	22.9 %	SG A PRESS	221.6 PSIG	SG B&C PRESS	133.7 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	81.2 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.0 FT	SG A AFW FL	63 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	44.1 %	SG B&C NR LEV	32.3 %
		SG A WR LEV	75.8 %	SG B&C WR LEV	75.7 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	597.7 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	4.2 FT
TRAIN A RHR FLOW	1399.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	5.6 FT
TRAIN A SPRAY FLOW	2673.0 GPM	TRAIN B SPRAY FLOW	4.0 GPM	SPRAY TANK LEVEL	5.5 %
CNM TEMPERATURE	147.5 F	CNM PRESSURE	3.7 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	2.5 PSIG
TC SUB COOLING	1.504E+ TC	UP HD SUB COOLING	1.823E+ UPDH	CETC A-08	138.9 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	137.5 F
CETC H-15	138.7 F	CETC H-09	142.7 F	CETC R-07	137.7 F

TIME: 11:50:00

CONTROL BOARD INDICATIONS AT TIME: 11:55:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.8E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	194.1 F	LP B&C Thot	311.3 F
RCS T-AVG	530.0 F	LP A Tcold	221.7 F	LP B&C Tcold	246.2 F
PRZ LEVEL	15.8 %	SG A PRESS	211.9 PSIG	SG B&C [illegible]S	130.2 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	75.5 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	27.0 FT	SG A AFW FL	63 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	46.4 %	SG B&C NR LEV	31.7 %
		SG A WR LEV	76.4 %	SG B&C WR LEV	75.6 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	598.4 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	4.2 FT
TRAIN A RHR FLOW	1480.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	5.6 FT
TRAIN A SPRAY FLOW	2673.0 GPM	TRAIN B SPRAY FLOW	4.1 GPM	SPRAY TANK LEVEL	5.5 %
CNM TEMPERATURE	148.8 F	CNM PRESSURE	3.3 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	2.9 PSIG
TC SUB COOLING	1.261E+ TC	UP HD SUB COOLING	1.649E+ UPDH	CETC A-08	148.4 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	145.9 F
CETC H-15	148.0 F	CETC H-09	155.3 F	CETC R-07	146.2 F

TIME: 11:55:00

CONTROL BOARD INDICATIONS AT TIME: 12:00:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.7E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	203.3 F	LP B&C Thot	305.5 F
RCS T-AVG	530.0 F	LP A Tcold	223.4 F	LP B&C Tcold	238.6 F
PRZ LEVEL	0.0 %	SG A PRESS	207.3 PSIG	SG B&C PRESS	125.7 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	66.0 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	26.9 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	47.4 %	SG B&C NR LEV	31.5 %
		SG A WR LEV	76.8 %	SG B&C WR LEV	75.7 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	598.8 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	4.2 FT
TRAIN A RHR FLOW	1607.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	5.6 FT
TRAIN A SPRAY FLOW	2673.0 GPM	TRAIN B SPRAY FLOW	4.2 GPM	SPRAY TANK LEVEL	5.5 %
CNM TEMPERATURE	149.0 F	CNM PRESSURE	2.8 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	3.4 PSIG
TC SUB COOLING	1.087E+ TC	UP HD SUB COOLING	1.549E+ UPDH	CETC A-08	150.0 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	147.6 F
CETC H-15	149.6 F	CETC H-09	157.1 F	CETC R-07	147.9 F

TIME: 12:00:00

CONTROL BOARD INDICATIONS AT TIME: 12:05:00

POWER RANGE	0.0	%	INT RNG PWR	1.0E-11	AMPS	SR PWR	1.7E+01	CPM
GEN LOAD	0.0	MW	LP A Thot	219.3	F	LP B&C Thot	307.1	F
RCS T-AVG	530.0	F	LP A Tcold	175.9	F	LP B&C Tcold	244.2	F
PRZ LEVEL	17.0	%	SG A PRESS	206.9	PSIG	SG B&C PRESS	122.3	PSIG
PRZ PRESSURE	1700.0	PSIG	SG A STM FLO	0.00	MPPH	SG B&C STM FLO	0.00	MPPH
RCS WR PRESSURE	70.7	PSIG	SG A FD FLOW	0.00	MPPH	SG B&C FD FLOW	0.00	MPPH
CST LEVEL	26.9	FT	SG A AFW FL	0	GPM	SG B&C AFW FL	0	GPM
			SG A NR LEV	47.3	%	SG B&C NR LEV	30.9	%
			SG A WR LEV	76.8	%	SG B&C WR LEV	75.7	%
CHARGING FLOW	0.0	GPM	RCP A SEAL INJ	0.0	GPM	RCP B&C SEAL INJ	0.0	GPM
LETDOWN FLOW	0.0	GPM	RCP A SEAL RET	0.0	GPM	RCP B&C SEAL RET	0.0	GPM
BIT FLOW	598.4	GPM	HHSI FLOW B TRN	0.0	GPM	RWST LEVEL	4.2	FT
TRAIN A RHR FLOW	1530.0	GPM	TRAIN B RHR FLOW	0.0	GPM	ECCS SUMP LEVEL	5.6	FT
TRAIN A SPRAY FLOW	2673.0	GPM	TRAIN B SPRAY FLOW	4.3	GPM	SPRAY TANK LEVEL	5.5	%
CNM TEMPERATURE	149.0	F	CNM PRESSURE	2.3	PSIG			
PRT TEMPERATURE	110.4	F	PRT LEVEL	72.7	%	PRT PRESSURE	3.9	PSIG
TC SUB COOLING	9.570E+	TC	UP HD SUB COOLING	1.561E+	UPDH	CETC A-08	151.6	F
UPPER PLENUM LEVEL	100	%	UPPER HEAD LEVEL	100	%	CETC G-01	149.1	F
CETC H-15	151.2	F	CETC H-09	158.9	F	CETC R-07	149.4	F

TIME: 12:05:00

CONTROL BOARD INDICATIONS AT TIME: 12:10:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.7E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	237.0 F	LP B&C Thot	307.9 F
RCS T-AVG	530.0 F	LP A Tcold	168.7 F	LP B&C Tcold	244.7 F
PRZ LEVEL	27.9 %	SG A PRESS	206.6 PSIG	SG B&C PRESS	118.6 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	73.5 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	26.9 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	5 GPM
		SG A NR LEV	47.3 %	SG B&C NR LEV	30.4 %
		SG A WR LEV	76.8 %	SG B&C WR LEV	75.7 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	598.2 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	4.2 FT
TRAIN A RHR FLOW	1488.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	5.6 FT
TRAIN A SPRAY FLOW	2673.0 GPM	TRAIN B SPRAY FLOW	4.4 GPM	SPRAY TANK LEVEL	5.5 %
CNM TEMPERATURE	147.3 F	CNM PRESSURE	2.2 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	4.0 PSIG
TC SUB COOLING	8.100E+ TC	UP HD SUB COOLING	1.593E+ UPDH	CETC A-08	151.8 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	149.4 F
CETC H-15	151.4 F	CETC H-09	158.7 F	CETC R-07	149.7 F

TIME: 12:10:00

CONTROL BOARD INDICATIONS AT TIME: 12:15:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.8E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	247.5 F	LP B&C Thot	308.3 F
RCS T-AVG	530.0 F	LP A Tcold	172.0 F	LP B&C Tcold	244.6 F
PRZ LEVEL	35.8 %	SG A PRESS	206.2 PSIG	SG B&C PRESS	114.1 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	75.3 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	26.9 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	20 GPM
		SG A NR LEV	47.3 %	SG B&C NR LEV	30.4 %
		SG A WR LEV	76.8 %	SG B&C WR LEV	75.8 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	598.1 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	4.2 FT
TRAIN A RHR FLOW	1461.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	5.6 FT
TRAIN A SPRAY FLOW	2673.0 GPM	TRAIN B SPRAY FLOW	4.4 GPM	SPRAY TANK LEVEL	5.5 %
CNM TEMPERATURE	146.9 F	CNM PRESSURE	2.1 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	4.1 PSIG
TC SUB COOLING	7.250E+ TC	UP HD SUB COOLING	1.616E+ UPDH	CETC A-08	151.9 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	149.6 F
CETC H-15	151.5 F	CETC H-09	158.4 F	CETC R-07	149.9 F

TIME: 12:15:00

CONTROL BOARD INDICATIONS AT TIME: 12:20:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.6E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	251.1 F	LP B&C Thot	308.3 F
RCS T-AVG	530.0 F	LP A Tcold	175.5 F	LP B&C Tcold	244.0 F
PRZ LEVEL	41.9 %	SG A PRESS	205.8 PSIG	SG B&C PRESS	109.5 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	76.2 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	26.9 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	20 GPM
		SG A NR LEV	47.3 %	SG B&C NR LEV	30.6 %
		SG A WR LEV	76.8 %	SG B&C WR LEV	76.0 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	598.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	4.2 FT
TRAIN A RHR FLOW	1446.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	5.6 FT
TRAIN A SPRAY FLOW	2673.0 GPM	TRAIN B SPRAY FLOW	4.4 GPM	SPRAY TANK LEVEL	5.5 %
CNM TEMPERATURE	147.1 F	CNM PRESSURE	2.0 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	4.2 PSIG
TC SUB COOLING	6.980E+ TC	UP HD SUB COOLING	1.631E+ UPDH	CETC A-08	151.8 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	149.7 F
CETC H-15	151.5 F	CETC H-09	157.8 F	CETC R-07	150.0 F

TIME: 12:20:00

CONTROL BOARD INDICATIONS AT TIME: 12:25:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.7E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	250.6 F	LP B&C Thot	308.2 F
RCS T-AVG	530.0 F	LP A Tcold	177.5 F	LP B&C Tcold	243.7 F
PRZ LEVEL	46.8 %	SG A PRESS	205.5 PSIG	SG B&C PRESS	105.1 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	76.8 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	26.9 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	20 GPM
		SG A NR LEV	47.3 %	SG B&C NR LEV	30.8 %
		SG A WR LEV	76.8 %	SG B&C WR LEV	76.1 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	598.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	4.2 FT
TRAIN A RHR FLOW	1436.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	5.6 FT
TRAIN A SPRAY FLOW	2673.0 GPM	TRAIN B SPRAY FLOW	4.4 GPM	SPRAY TANK LEVEL	5.5 %
CNM TEMPERATURE	147.1 F	CNM PRESSURE	1.9 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	1.3 PSIG
TC SUB COOLING	7.070E+ TC	UP HD SUB COOLING	1.643E+ UPDH	CETC A-08	151.5 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	149.6 F
CETC H-15	151.2 F	CETC H-09	157.0 F	CETC R-07	149.9 F

TIME: 12:25:00

CONTROL BOARD INDICATIONS AT TIME: 12:30:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.6E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	248.1 F	LP B&C Thot	307.6 F
RCS T-AVG	530.0 F	LP A Tcold	178.3 F	LP B&C Tcold	236.1 F
PRZ LEVEL	50.9 %	SG A PRESS	205.1 PSIG	SG B&C PRESS	100.7 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	76.8 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	26.8 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	20 GPM
		SG A NR LEV	47.3 %	SG B&C NR LEV	31.0 %
		SG A WR LEV	76.8 %	SG B&C WR LEV	76.3 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	598.0 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	4.2 FT
TRAIN A RHR FLOW	1435.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	5.6 FT
TRAIN A SPRAY FLOW	2673.0 GPM	TRAIN B SPRAY FLOW	4.4 GPM	SPRAY TANK LEVEL	5.5 %
CNM TEMPERATURE	147.0 F	CNM PRESSURE	1.8 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	4.4 PSIG
TC SUB COOLING	7.320E+ TC	UP HD SUB COOLING	1.634E+ UPDH	CETC A-08	152.5 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	150.6 F
CETC H-15	152.2 F	CETC H-09	157.9 F	CETC R-07	150.9 F

TIME: 12:30:00

CONTROL BOARD INDICATIONS AT TIME: 12:35:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.6E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	244.9 F	LP B&C Thot	307.3 F
RCS T-AVG	530.0 F	LP A Tcold	178.4 F	LP B&C Tcold	234.3 F
PRZ LEVEL	54.6 %	SG A PRESS	204.7 PSIG	SG B&C PRESS	96.8 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	76.9 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	26.8 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	20 GPM
		SG A NR LEV	47.2 %	SG B&C NR LEV	31.2 %
		SG A WR LEV	76.8 %	SG B&C WR LEV	76.5 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	597.9 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	4.2 FT
TRAIN A RHR FLOW	1431.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	5.5 FT
TRAIN A SPRAY FLOW	2673.0 GPM	TRAIN B SPRAY FLOW	4.5 GPM	SPRAY TANK LEVEL	5.5 %
CNM TEMPERATURE	146.9 F	CNM PRESSURE	1.7 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	4.5 PSIG
TC SUB COOLING	7.650E+ TC	UP HD SUB COOLING	1.634E+ UPDH	CETC A-08	152.9 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	151.1 F
CETC H-15	152.6 F	CETC H-09	158.0 F	CETC R-07	151.3 F

TIME: 12:35:00

CONTROL BOARD INDICATIONS AT TIME: 12:40:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.8E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	241.6 F	LP B&C Thot	307.0 F
RCS T-AVG	530.0 F	LP A Tcold	178.0 F	LP B&C Tcold	234.1 F
PRZ LEVEL	57.9 %	SG A PRESS	204.4 PSIG	SG B&C PRESS	92.9 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	77.1 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	26.8 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	20 GPM
		SG A NR LEV	47.2 %	SG B&C NR LEV	31.4 %
		SG A WR LEV	76.8 %	SG B&C WR LEV	76.6 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	597.9 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	4.2 FT
TRAIN A RHR FLOW	1427.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	5.5 FT
TRAIN A SPRAY FLOW	2673.0 GPM	TRAIN B SPRAY FLOW	4.5 GPM	SPRAY TANK LEVEL	5.5 %
CNM TEMPERATURE	146.6 F	CNM PRESSURE	1.6 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	4.6 PSIG
TC SUB COOLING	7.980E+ TC	UP HD SUB COOLING	1.632E+ UPDH	CETC A-08	153.3 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	151.6 F
CETC H-15	153.0 F	CETC H-09	158.2 F	CETC R-07	151.8 F

TIME: 12:40:00

CONTROL BOARD INDICATIONS AT TIME: 12:45:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.8E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	238.2 F	LP B&C Thot	306.8 F
RCS T-AVG	530.0 F	LP A Tcold	177.5 F	LP B&C Tcold	234.7 F
PRZ LEVEL	60.9 %	SG A PRESS	204.0 PSIG	SG B&C PRESS	89.2 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	77.2 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	26.8 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	20 GPM
		SG A NR LEV	47.2 %	SG B&C NR LEV	31.7 %
		SG A WR LEV	76.8 %	SG B&C WR LEV	76.8 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	597.9 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	4.2 FT
TRAIN A RHR FLOW	1424.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	5.5 FT
TRAIN A SPRAY FLOW	2673.0 GPM	TRAIN B SPRAY FLOW	4.5 GPM	SPRAY TANK LEVEL	5.5 %
CNM TEMPERATURE	146.3 F	CNM PRESSURE	1.6 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	4.6 PSIG
TC SUB COOLING	8.320E+ TC	UP HD SUB COOLING	1.629E+ UPDH	CETC A-08	153.8 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	152.1 F
CETC H-15	153.5 F	CETC H-09	158.5 F	CETC R-07	152.3 F

TIME: 12:45:00

CONTROL BOARD INDICATIONS AT TIME: 12:50:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.8E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	235.0 F	LP B&C Thot	306.6 F
RCS T-AVG	530.0 F	LP A Tcold	176.9 F	LP B&C Tcold	235.5 F
PRZ LEVEL	63.6 %	SG A PRESS	203.6 PSIG	SG B&C PRESS	85.7 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	77.4 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	26.8 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	20 GPM
		SG A NR LEV	47.2 %	SG B&C NR LEV	31.9 %
		SG A WR LEV	76.8 %	SG B&C WR LEV	76.9 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	597.9 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	4.2 FT
TRAIN A RHR FLOW	1422.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	5.5 FT
TRAIN A SPRAY FLOW	2673.0 GPM	TRAIN B SPRAY FLOW	4.5 GPM	SPRAY TANK LEVEL	5.5 %
CNM TEMPERATURE	146.2 F	CNM PRESSURE	1.6 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	4.7 PSIG
TC SUB COOLING	8.650E+ TC	UP HD SUB COOLING	1.627E+ UPDH	CETC A-08	154.3 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	152.8 F
CETC H-15	154.1 F	CETC H-09	158.8 F	CETC R-07	153.0 F

TIME: 12:50:00

CONTROL BOARD INDICATIONS AT TIME: 12:55:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.8E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	231.8 F	LP B&C Thot	306.4 F
RCS T-AVG	530.0 F	LP A Tcold	176.3 F	LP B&C Tcold	236.4 F
PRZ LEVEL	66.0 %	SG A PRESS	203.3 PSIG	SG B&C PRESS	82.9 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	77.5 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	26.7 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	47.2 %	SG B&C NR LEV	31.9 %
		SG A WR LEV	76.8 %	SG B&C WR LEV	77.1 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	597.9 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	4.2 FT
TRAIN A RHR FLOW	1420.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	5.5 FT
TRAIN A SPRAY FLOW	2673.0 GPM	TRAIN B SPRAY FLOW	4.5 GPM	SPRAY TANK LEVEL	5.5 %
CNM TEMPERATURE	146.1 F	CNM PRESSURE	1.6 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	4.7 PSIG
TC SUB COOLING	8.980E+ TC	UP HD SUB COOLING	1.623E+ UPDH	CETC A-08	154.9 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	153.4 F
CETC H-15	154.7 F	CETC H-09	159.3 F	CETC R-07	153.6 F

TIME: 12:55:00

CONTROL BOARD INDICATIONS AT TIME: 13:00:00

POWER RANGE	0.0 %	INT RNG PWR	1.0E-11 AMPS	SR PWR	1.7E+01 CPM
GEN LOAD	0.0 MW	LP A Thot	229.4 F	LP B&C Thot	306.3 F
RCS T-AVG	530.0 F	LP A Tcold	175.8 F	LP B&C Tcold	237.1 F
PRZ LEVEL	67.7 %	SG A PRESS	203.0 PSIG	SG B&C PRESS	81.3 PSIG
PRZ PRESSURE	1700.0 PSIG	SG A STM FLO	0.00 MPPH	SG B&C STM FLO	0.00 MPPH
RCS WR PRESSURE	77.6 PSIG	SG A FD FLOW	0.00 MPPH	SG B&C FD FLOW	0.00 MPPH
CST LEVEL	. 26.7 FT	SG A AFW FL	0 GPM	SG B&C AFW FL	0 GPM
		SG A NR LEV	47.2 %	SG B&C NR LEV	31.5 %
		SG A WR LEV	76.8 %	SG B&C WR LEV	77.1 %
CHARGING FLOW	0.0 GPM	RCP A SEAL INJ	0.0 GPM	RCP B&C SEAL INJ	0.0 GPM
LETDOWN FLOW	0.0 GPM	RCP A SEAL RET	0.0 GPM	RCP B&C SEAL RET	0.0 GPM
BIT FLOW	597.9 GPM	HHSI FLOW B TRN	0.0 GPM	RWST LEVEL	4.2 FT
TRAIN A RHR FLOW	1418.0 GPM	TRAIN B RHR FLOW	0.0 GPM	ECCS SUMP LEVEL	5.5 FT
TRAIN A SPRAY FLOW	2673.0 GPM	TRAIN B SPRAY FLOW	4.5 GPM	SPRAY TANK LEVEL	5.5 %
CNM TEMPERATURE	146.0 F	CNM PRESSURE	1.5 PSIG		
PRT TEMPERATURE	110.4 F	PRT LEVEL	72.7 %	PRT PRESSURE	4.7 PSIG
TC SUB COOLING	9.220E+ TC	UP HD SUB COOLING	1.619E+ UPDH	CETC A-08	155.4 F
UPPER PLENUM LEVEL	100 %	UPPER HEAD LEVEL	100 %	CETC G-01	153.9 F
CETC H-15	155.2 F	CETC H-09	159.7 F	CETC R-07	154.1 F

TIME: 13:00:00

APPENDIX D

Plant ERDS
Data Screens

(Plant ERDS Pages 1, 2, & 3)

Unit 1 ERDS Miscellaneous Data 08:00:00

[illegible]0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	6.0840e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	119.4	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	127.2	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	123.9	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	120.9	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	0.0000e+00	CPS
NE0032	SOURCE RANGE FLUX CHAN B	0.0000e+00	CPS
NE0035	INTERMEDIATE FLUX CHAN A	3.5000e-04	AMP
NE0036	INTERMEDIATE FLUX CHAN B	3.5000e-04	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	541.7	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	608.4	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	541.7	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	608.4	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	541.7	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	608.4	DEGF
PC2300A	SG A PRESSURE AVG 1MA	789.5	PSIG
PC2301A	SG B PRESSURE AVG 1MA	789.5	PSIG
PC2302A	SG C PRESSURE AVG 1MA	789.5	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	3910	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	3900	KBH
[illegible]4657	SG C FW CORRECTED FLOW 1MA	3920	KBH

Unit [illegible] ERDS Radiation Status Data 08:00:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	1.0000e+00	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.2093e+03	CPM
WS35FT	WIND SPEED 35' ELEV	2.766	MPH
WS150FT	WIND SPEED 150' ELEV	3.967	MPH
WD35FT	WIND DIRECTION 35' ELEV	104.3	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	105.1	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.7347	DEGF
RE0014	VENT GAS MONITOR	2.2902e+03	CPM
RE0021	VENT AIR PARTICLE MONITOR	1.6686e+02	CPM
RE0022	VENT GAS MONITOR	4.1224e+01	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	8.9277e-06	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	4.9517e-11	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	7.4228e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.2984e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.1218e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.3451e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.0925e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
TERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 08:00:00

.3187I	CTMT DOME INSIDE AIR TEMP	110.4	DEGF
PC3700	HIGHEST CTMT PRESSURE	0.1	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	0	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	2245	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	99.7	%
FC0400A	RCS LOOP A FLOW AVG 1MA	100.1	%
FC0420A	RCS LOOP B FLOW AVG 1MA	99.98	%
FC0440A	RCS LOOP C FLOW AVG 1MA	100.4	%
TMARCETA	SUBCOOLING CHAN A	44.6	DEGF
TMARCETB	SUBCOOLING CHAN B	28.4	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	573.7	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	50.2	%
LC1602	LOWEST UPPER HEAD LEVEL	100	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	55.3	%
LT0487	SG B WIDE RANGE LEVEL	55.4	%
LT0497	SG C WIDE RANGE LEVEL	55.3	%
LT0501	RWST LEVEL CHAN 1	39.4	FT
FED0605A	RHR LOOP A FLOW	0	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	62.6	GPM
FE0943	HHSI FLOW	0	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	0	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	0	GPM
T3229C	AUXILIARY FEEDWATER FLOW TO SG C	0	GPM

Unit 1 ERDS Miscellaneous Data 08:15:00

0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	6.0810e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	119.5	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	127.3	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	124	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	121	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	0.0000e+00	CPS
NE0032	SOURCE RANGE FLUX CHAN B	0.0000e+00	CPS
NE0035	INTERMEDIATE FLUX CHAN A	3.5000e-04	AMP
NE0036	INTERMEDIATE FLUX CHAN B	3.5000e-04	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	541.5	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	608.1	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	541.5	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	608.2	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	541.5	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	608.1	DEGF
PC2300A	SG A PRESSURE AVG 1MA	788.2	PSIG
PC2301A	SG B PRESSURE AVG 1MA	788.2	PSIG
PC2302A	SG C PRESSURE AVG 1MA	788.2	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	3870	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	3890	KBH
C4657	SG C FW CORRECTED FLOW 1MA	3870	KBH

Unit 1 ERDS Radiation Status Data 08:15:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	1.0000e+00	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.2093e+03	CPM
WS35FT	WIND SPEED 35' ELEV	3.778	MPH
WS150FT	WIND SPEED 150' ELEV	3.625	MPH
WD35FT	WIND DIRECTION 35' ELEV	101.3	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	105.4	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.8483	DEGF
RE0014	VENT GAS MONITOR	2.2902e+03	CPM
RE0021	VENT AIR PARTICLE MONITOR	1.6645e+02	CPM
RE0022	VENT GAS MONITOR	4.1224e+01	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	8.4927e-06	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	4.2100e-11	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	6.0111e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.1823e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.1383e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.2652e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.1378e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
STERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 08:15:00

3187I	CTMT DOME INSIDE AIR TEMP	110.5	DEGF
PC3700	HIGHEST CTMT PRESSURE	0.1	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	0	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	2245	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	99.6	%
FC0400A	RCS LOOP A FLOW AVG 1MA	100.1	%
FC0420A	RCS LOOP B FLOW AVG 1MA	99.98	%
FC0440A	RCS LOOP C FLOW AVG 1MA	100.4	%
TMARCETA	SUBCOOLING CHAN A	44.9	DEGF
TMARCETB	SUBCOOLING CHAN B	28.6	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	573.5	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	50.1	%
LC1602	LOWEST UPPER HEAD LEVEL	100	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	55.4	%
LT0487	SG B WIDE RANGE LEVEL	55.4	%
LT0497	SG C WIDE RANGE LEVEL	55.3	%
LT0501	RWST LEVEL CHAN 1	39.3	FT
FED0605A	RHR LOOP A FLOW	0	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	45.8	GPM
FE0943	HHSI FLOW	0	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	0	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	0	GPM
FT3229C	AUXILIARY FEEDWATER FLOW TO SG C	0	GPM

Unit 1 ERDS Miscellaneous Data 08:30:00

0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	6.0770e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	119.6	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	127.4	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	124.1	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	121.1	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	0.0000e+00	CPS
NE0032	SOURCE RANGE FLUX CHAN B	0.0000e+00	CPS
NE0035	INTERMEDIATE FLUX CHAN A	3.5000e-04	AMP
NE0036	INTERMEDIATE FLUX CHAN B	3.5000e-04	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	541.1	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	607.7	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	541.1	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	607.8	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	541.1	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	607.7	DEGF
PC2300A	SG A PRESSURE AVG 1MA	786.1	PSIG
PC2301A	SG B PRESSURE AVG 1MA	786.2	PSIG
PC2302A	SG C PRESSURE AVG 1MA	786.2	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	3860	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	3920	KBH
C4657	SG C FW CORRECTED FLOW 1MA	3860	KBH

Unit 1 ERDS Radiation Status Data 08:30:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	1.0000e+00	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.2093e+03	CPM
WS35FT	WIND SPEED 35' ELEV	2.213	MPH
WS150FT	WIND SPEED 150' ELEV	3.479	MPH
WD35FT	WIND DIRECTION 35' ELEV	100.3	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	103.1	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.7589	DEGF
RE0014	VENT GAS MONITOR	2.2902e+03	CPM
RE0021	VENT AIR PARTICLE MONITOR	1.6825e+02	CPM
RE0022	VENT GAS MONITOR	4.1224e+01	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	8.5893e-06	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	4.5285e-11	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	7.2300e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.0889e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.1393e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.3531e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.1050e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
STERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 08:30:00

3187I	CTMT DOME INSIDE AIR TEMP	110.6	DEGF
PC3700	HIGHEST CTMT PRESSURE	0.1	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	0	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	2245	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	99.4	%
FC0400A	RCS LOOP A FLOW AVG 1MA	100.1	%
FC0420A	RCS LOOP B FLOW AVG 1MA	99.98	%
FC0440A	RCS LOOP C FLOW AVG 1MA	100.4	%
TMARCETA	SUBCOOLING CHAN A	45.3	DEGF
TMARCETB	SUBCOOLING CHAN B	29.1	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	573.2	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	49.6	%
LC1602	LOWEST UPPER HEAD LEVEL	100	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	55.4	%
LT0487	SG B WIDE RANGE LEVEL	55.4	%
LT0497	SG C WIDE RANGE LEVEL	55.4	%
LT0501	RWST LEVEL CHAN 1	39.3	FT
FED0605A	RHR LOOP A FLOW	0	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	49.2	GPM
FE0943	HHSI FLOW	0	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	0	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	0	GPM
T3229C	AUXILIARY FEEDWATER FLOW TO SG C	0	GPM

Unit 1 ERDS Miscellaneous Data 08:45:00

0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	6.0730e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	119.7	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	127.5	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	124.2	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	121.2	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	0.0000e+00	CPS
NE0032	SOURCE RANGE FLUX CHAN B	0.0000e+00	CPS
NE0035	INTERMEDIATE FLUX CHAN A	3.5000e-04	AMP
NE0036	INTERMEDIATE FLUX CHAN B	3.5000e-04	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	540.8	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	607.3	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	540.8	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	607.4	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	540.8	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	607.3	DEGF
PC2300A	SG A PRESSURE AVG 1MA	784.1	PSIG
PC2301A	SG B PRESSURE AVG 1MA	784.1	PSIG
PC2302A	SG C PRESSURE AVG 1MA	784.1	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	3860	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	3920	KBH
C4657	SG C FW CORRECTED FLOW 1MA	3830	KBH

Unit 1 ERDS Radiation Status Data 08:45:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	1.0000e+00	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.2093e+03	CPM
WS35FT	WIND SPEED 35' ELEV	3.568	MPH
WS150FT	WIND SPEED 150' ELEV	3.404	MPH
WD35FT	WIND DIRECTION 35' ELEV	100.1	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	104.6	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.7091	DEGF
RE0014	VENT GAS MONITOR	2.2902e+03	CPM
RE0021	VENT AIR PARTICLE MONITOR	1.8919e+02	CPM
RE0022	VENT GAS MONITOR	4.1224e+01	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	8.7407e-06	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	4.3520e-11	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	8.9526e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.1834e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.2048e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.2453e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.1110e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
TERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 08:45:00

3187I	CTMT DOME INSIDE AIR TEMP	110.7	DEGF
PC3700	HIGHEST CTMT PRESSURE	0.1	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	0	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	2245	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	99.2	%
FC0400A	RCS LOOP A FLOW AVG 1MA	100.1	%
FC0420A	RCS LOOP B FLOW AVG 1MA	99.98	%
FC0440A	RCS LOOP C FLOW AVG 1MA	100.4	%
TMARCETA	SUBCOOLING CHAN A	45.7	DEGF
TMARCETB	SUBCOOLING CHAN B	29.5	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	572.8	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	49.2	%
LC1602	LOWEST UPPER HEAD LEVEL	100	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	55.4	%
LT0487	SG B WIDE RANGE LEVEL	55.4	%
LT0497	SG C WIDE RANGE LEVEL	55.4	%
LT0501	RWST LEVEL CHAN 1	39.3	FT
FED0605A	RHR LOOP A FLOW	0	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	49.5	GPM
FE0943	HHSI FLOW	0	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	0	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	0	GPM
T3229C	AUXILIARY FEEDWATER FLOW TO SG C	0	GPM

Unit 1 ERDS Miscellaneous Data 09:00:00

0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	6.0690e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	119.8	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	127.6	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	124.3	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	121.3	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	0.0000e+00	CPS
NE0032	SOURCE RANGE FLUX CHAN B	0.0000e+00	CPS
NE0035	INTERMEDIATE FLUX CHAN A	3.4000e-04	AMP
NE0036	INTERMEDIATE FLUX CHAN B	3.5000e-04	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	540.4	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	606.9	DEGF
0420A	RCS LOOP B CL WIDE RNG TEMP 1M	540.4	DEGF
0423A	RCS LOOP B HL WIDE RNG TEMP 1M	606.9	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	540.4	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	606.9	DEGF
PC2300A	SG A PRESSURE AVG 1MA	782	PSIG
PC2301A	SG B PRESSURE AVG 1MA	782	PSIG
PC2302A	SG C PRESSURE AVG 1MA	782	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	3900	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	3890	KBH
4657	SG C FW CORRECTED FLOW 1MA	3830	KBH

Unit 1 ERDS Radiation Status Data 09:00:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	1.0000e+00	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.2093e+03	CPM
WS35FT	WIND SPEED 35' ELEV	3.131	MPH
WS150FT	WIND SPEED 150' ELEV	3.691	MPH
WD35FT	WIND DIRECTION 35' ELEV	102.4	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	102.7	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.7031	DEGF
RE0014	VENT GAS MONITOR	2.2902e+03	CPM
RE0021	VENT AIR PARTICLE MONITOR	1.8441e+02	CPM
RE0022	VENT GAS MONITOR	4.1224e+01	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	9.1435e-06	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	4.8417e-11	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	8.6449e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.1968e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.1065e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.3228e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.1370e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
TERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 09:00:00

3187I	CTMT DOME INSIDE AIR TEMP	110.8	DEGF
PC3700	HIGHEST CTMT PRESSURE	0.1	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	0	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	2245	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	99	%
FC0400A	RCS LOOP A FLOW AVG 1MA	100.1	%
FC0420A	RCS LOOP B FLOW AVG 1MA	99.98	%
FC0440A	RCS LOOP C FLOW AVG 1MA	100.4	%
TMARCETA	SUBCOOLING CHAN A	46.1	DEGF
TMARCETB	SUBCOOLING CHAN B	29.9	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	572.4	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	48.8	%
LC1602	LOWEST UPPER HEAD LEVEL	100	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	55.5	%
LT0487	SG B WIDE RANGE LEVEL	55.4	%
LT0497	SG C WIDE RANGE LEVEL	55.5	%
LT0501	RWST LEVEL CHAN 1	39.3	FT
FED0605A	RHR LOOP A FLOW	0	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	49.3	GPM
FE0943	HHSI FLOW	0	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	0	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	0	GPM
T3229C	AUXILIARY FEEDWATER FLOW TO SG C	0	GPM

Unit 1 ERDS Miscellaneous Data 09:15:00

[illegible]0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	6.0690e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	120	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	127.8	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	124.5	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	121.5	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	0.0000e+00	CPS
NE0032	SOURCE RANGE FLUX CHAN B	0.0000e+00	CPS
NE0035	INTERMEDIATE FLUX CHAN A	3.3000e-04	AMP
NE0036	INTERMEDIATE FLUX CHAN B	3.3000e-04	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	543.2	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	606.9	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	543.2	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	607	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	543.2	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	607	DEGF
PC2300A	SG A PRESSURE AVG 1MA	806.9	PSIG
PC2301A	SG B PRESSURE AVG 1MA	806.9	PSIG
PC2302A	SG C PRESSURE AVG 1MA	806.9	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	3700	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	3690	KBH
[illegible]C4657	SG C FW CORRECTED FLOW 1MA	3680	KBH

Unit 1 ERDS Radiation Status Data 09:15:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	1.0000e+00	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.2093e+03	CPM
WS35FT	WIND SPEED 35' ELEV	2.061	MPH
WS150FT	WIND SPEED 150' ELEV	3.535	MPH
WD35FT	WIND DIRECTION 35' ELEV	104.3	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	104.2	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.7385	DEGF
RE0014	VENT GAS MONITOR	2.2902e+03	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.1861e+02	CPM
RE0022	VENT GAS MONITOR	4.1224e+01	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	9.2145e-06	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	4.8173e-11	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	7.9904e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.1321e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.2569e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.3045e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.0918e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
TERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 09:15:00

[illegible]3187I	CTMT DOME INSIDE AIR TEMP	111	DEGF
PC3700	HIGHEST CTMT PRESSURE	0.1	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	0	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	2245	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	95.1	%
FC0400A	RCS LOOP A FLOW AVG 1MA	100.1	%
FC0420A	RCS LOOP B FLOW AVG 1MA	99.98	%
FC0440A	RCS LOOP C FLOW AVG 1MA	100.4	%
TMARCETA	SUBCOOLING CHAN A	46.1	DEGF
TMARCETB	SUBCOOLING CHAN B	30.5	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	573.8	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	50.3	%
LC1602	LOWEST UPPER HEAD LEVEL	100	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	55.7	%
LT0487	SG B WIDE RANGE LEVEL	55.7	%
LT0497	SG C WIDE RANGE LEVEL	55.7	%
LT0501	RWST LEVEL CHAN 1	39.3	FT
FED0605A	RHR LOOP A FLOW	0	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	119.2	GPM
FE0943	HHSI FLOW	0	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	0	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	0	GPM
T3229C	AUXILIARY FEEDWATER FLOW TO SG C	0	GPM

Unit 1 ERDS Miscellaneous Data 09:30:00

0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	6.0340e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	120.1	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	127.9	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	124.6	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	121.6	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	0.0000e+00	CPS
NE0032	SOURCE RANGE FLUX CHAN B	0.0000e+00	CPS
NE0035	INTERMEDIATE FLUX CHAN A	3.1000e-04	AMP
NE0036	INTERMEDIATE FLUX CHAN B	3.2000e-04	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	542.5	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	603.4	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	542.6	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	603.5	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	542.5	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	603.5	DEGF
PC2300A	SG A PRESSURE AVG 1MA	809.4	PSIG
PC2301A	SG B PRESSURE AVG 1MA	809.4	PSIG
PC2302A	SG C PRESSURE AVG 1MA	809.4	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	3470	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	3520	KBH
FC4657	SG C FW CORRECTED FLOW 1MA	3480	KBH

Unit 1 ERDS Radiation Status Data 09:30:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	1.0000e+00	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.2093e+03	CPM
WS35FT	WIND SPEED 35' ELEV	2.797	MPH
WS150FT	WIND SPEED 150' ELEV	3.313	MPH
WD35FT	WIND DIRECTION 35' ELEV	100	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	102.9	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.7969	DEGF
RE0014	VENT GAS MONITOR	2.2902e+03	CPM
RE0021	VENT AIR PARTICLE MONITOR	1.5408e+02	CPM
RE0022	VENT GAS MONITOR	4.1224e+01	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	8.5415e-06	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	4.4551e-11	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	6.2425e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.2340e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.2002e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.3181e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.0595e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
STERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 09:30:00

3187I	CTMT DOME INSIDE AIR TEMP	111.1	DEGF
PC3700	HIGHEST CTMT PRESSURE	0.1	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	0	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	2245	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	90.2	%
FC0400A	RCS LOOP A FLOW AVG 1MA	100.1	%
FC0420A	RCS LOOP B FLOW AVG 1MA	99.98	%
FC0440A	RCS LOOP C FLOW AVG 1MA	100.4	%
TMARCETA	SUBCOOLING CHAN A	49.6	DEGF
TMARCETB	SUBCOOLING CHAN B	34.9	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	571.6	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	48.1	%
LC1602	LOWEST UPPER HEAD LEVEL	100	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	56.3	%
LT0487	SG B WIDE RANGE LEVEL	56.2	%
LT0497	SG C WIDE RANGE LEVEL	56.3	%
LT0501	RWST LEVEL CHAN 1	39.3	FT
FED0605A	RHR LOOP A FLOW	0	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	111.7	GPM
FE0943	HHSI FLOW	0	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	0	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	0	GPM
T3229C	AUXILIARY FEEDWATER FLOW TO SG C	0	GPM

Unit 1 ERDS Miscellaneous Data 09:45:00

0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	6.0020e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	120.2	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	128	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	124.7	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	121.7	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	0.0000e+00	CPS
NE0032	SOURCE RANGE FLUX CHAN B	0.0000e+00	CPS
NE0035	INTERMEDIATE FLUX CHAN A	3.0000e-04	AMP
NE0036	INTERMEDIATE FLUX CHAN B	3.0000e-04	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	541.5	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	600.2	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	541.6	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	601.5	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	541.5	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	600.3	DEGF
PC2300A	SG A PRESSURE AVG 1MA	808	PSIG
PC2301A	SG B PRESSURE AVG 1MA	808.2	PSIG
PC2302A	SG C PRESSURE AVG 1MA	808	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	3310	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	3300	KBH
C4657	SG C FW CORRECTED FLOW 1MA	3310	KBH

Unit 1 ERDS Radiation Status Data 09:45:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	1.0000e+00	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	1.2096e+03	CPM
WS35FT	WIND SPEED 35' ELEV	3.491	MPH
WS150FT	WIND SPEED 150' ELEV	2.442	MPH
WD35FT	WIND DIRECTION 35' ELEV	101.4	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	103.3	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.6952	DEGF
RE0014	VENT GAS MONITOR	2.2902e+03	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.1765e+02	CPM
RE0022	VENT GAS MONITOR	4.1224e+01	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	9.3267e-06	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	4.6293e-11	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	8.4119e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.2403e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.1025e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.2584e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.1456e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
STERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 09:45:00

[illegible]3187I	CTMT DOME INSIDE AIR TEMP	111.2	DEGF
PC3700	HIGHEST CTMT PRESSURE	0.1	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	0	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	2212	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	85.8	%
FC0400A	RCS LOOP A FLOW AVG 1MA	100.1	%
FC0420A	RCS LOOP B FLOW AVG 1MA	99.98	%
FC0440A	RCS LOOP C FLOW AVG 1MA	100.4	%
TMARCETA	SUBCOOLING CHAN A	50.3	DEGF
TMARCETB	SUBCOOLING CHAN B	36.5	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	569.3	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	43.5	%
LC1602	LOWEST UPPER HEAD LEVEL	100	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	56.7	%
LT0487	SG B WIDE RANGE LEVEL	56.7	%
LT0497	SG C WIDE RANGE LEVEL	56.7	%
LT0501	RWST LEVEL CHAN 1	39.3	FT
FED0605A	RHR LOOP A FLOW	0	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	119.2	GPM
FE0943	HHSI FLOW	0	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	0	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	0	GPM
[illegible]T3229C	AUXILIARY FEEDWATER FLOW TO SG C	0	GPM

Unit 1 ERDS Miscellaneous Data 10:00:00

0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	4.2540e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	323.1	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	330.9	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	327.6	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	324.6	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	3.3000e+02	CPS
NE0032	SOURCE RANGE FLUX CHAN B	3.0000e+02	CPS
NE0035	INTERMEDIATE FLUX CHAN A	1.1000e-11	AMP
NE0036	INTERMEDIATE FLUX CHAN B	1.1000e-11	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	425.4	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	425.4	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	425.4	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	425.4	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	425.4	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	425.4	DEGF
PC2300A	SG A PRESSURE AVG 1MA	703.1	PSIG
PC2301A	SG B PRESSURE AVG 1MA	687.5	PSIG
PC2302A	SG C PRESSURE AVG 1MA	689.8	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	0	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	0	KBH
4657	SG C FW CORRECTED FLOW 1MA	0	KBH

Unit 1 ERDS Radiation Status Data 10:00:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	1.4911e+01	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	0.0000e+00	CPM
WS35FT	WIND SPEED 35' ELEV	2.284	MPH
WS150FT	WIND SPEED 150' ELEV	2.966	MPH
WD35FT	WIND DIRECTION 35' ELEV	104.4	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	104.7	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.6102	DEGF
RE0014	VENT GAS MONITOR	1.7314e+03	CPM
RE0021	VENT AIR PARTICLE MONITOR	1.9953e+02	CPM
RE0022	VENT GAS MONITOR	3.8349e+01	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	7.8026e-06	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	4.5342e-11	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	7.4492e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.1155e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.2061e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.2904e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.1247e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
TERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 10:00:00

[illegible]3187I	CTMT DOME INSIDE AIR TEMP	314.1	DEGF
PC3700	HIGHEST CTMT PRESSURE	37.4	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	1	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	318	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	0	%
FC0400A	RCS LOOP A FLOW AVG 1MA	100.1	%
FC0420A	RCS LOOP B FLOW AVG 1MA	99.98	%
FC0440A	RCS LOOP C FLOW AVG 1MA	100.4	%
TMARCETA	SUBCOOLING CHAN A	-0.4	DEGF
TMARCETB	SUBCOOLING CHAN B	-14.9	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	440.2	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	0	%
LC1602	LOWEST UPPER HEAD LEVEL	0	%
LC1603	LOWEST UPPER PLENUM LEVEL	0	%
LT0477	SG A WIDE RANGE LEVEL	59.7	%
LT0487	SG B WIDE RANGE LEVEL	58.5	%
LT0497	SG C WIDE RANGE LEVEL	59.8	%
LT0501	RWST LEVEL CHAN 1	36.3	FT
FED0605A	RHR LOOP A FLOW	0	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	0	GPM
FE0943	HHSI FLOW	705.8	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	204	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	213	GPM
[illegible]T3229C	AUXILIARY FEEDWATER FLOW TO SG C	212	GPM

Unit 1 ERDS Miscellaneous Data 10:15:00

[illegible]0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	3.6170e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	292.1	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	299.9	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	296.6	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	293.6	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	1.3000e+01	CPS
NE0032	SOURCE RANGE FLUX CHAN B	1.3000e+01	CPS
NE0035	INTERMEDIATE FLUX CHAN A	1.0000e-11	AMP
NE0036	INTERMEDIATE FLUX CHAN B	1.0000e-11	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	361.7	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	361.7	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	361.7	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	361.7	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	361.7	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	361.7	DEGF
PC2300A	SG A PRESSURE AVG 1MA	409	PSIG
PC2301A	SG B PRESSURE AVG 1MA	367.6	PSIG
PC2302A	SG C PRESSURE AVG 1MA	370	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	0	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	0	KBH
[illegible]C4657	SG C FW CORRECTED FLOW 1MA	0	KBH

Unit 1 ERDS Radiation Status Data 10:15:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	3.7270e+01	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	0.0000e+00	CPM
WS35FT	WIND SPEED 35' ELEV	3.597	MPH
WS150FT	WIND SPEED 150' ELEV	2.244	MPH
WD35FT	WIND DIRECTION 35' ELEV	102.4	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	103	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.6501	DEGF
RE0014	VENT GAS MONITOR	2.0417e+03	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.0751e+02	CPM
RE0022	VENT GAS MONITOR	3.6560e+01	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	7.8005e-06	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	4.7663e-11	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	8.1331e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.1046e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.2786e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.2674e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.0528e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
TERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 10:15:00

.3187I	CTMT DOME INSIDE AIR TEMP	283.1	DEGF
PC3700	HIGHEST CTMT PRESSURE	24.4	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	1.7	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	144.2	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	0	%
FC0400A	RCS LOOP A FLOW AVG 1MA	100.1	%
FC0420A	RCS LOOP B FLOW AVG 1MA	99.98	%
FC0440A	RCS LOOP C FLOW AVG 1MA	100.4	%
TMARCETA	SUBCOOLING CHAN A	0.3	DEGF
TMARCETB	SUBCOOLING CHAN B	-12.8	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	375	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	0	%
LC1602	LOWEST UPPER HEAD LEVEL	0	%
LC1603	LOWEST UPPER PLENUM LEVEL	0	%
LT0477	SG A WIDE RANGE LEVEL	67.3	%
LT0487	SG B WIDE RANGE LEVEL	66.6	%
LT0497	SG C WIDE RANGE LEVEL	67.8	%
LT0501	RWST LEVEL CHAN 1	32.2	FT
FED0605A	RHR LOOP A FLOW	0	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	0	GPM
FE0943	HHSI FLOW	749.5	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	237	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	259	GPM
T3229C	AUXILIARY FEEDWATER FLOW TO SG C	257	GPM

Unit 1 ERDS Miscellaneous Data 10:30:00

[illegible]0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	3.4320e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	184.6	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	192.4	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	189.1	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	186.1	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	2.6000e+01	CPS
NE0032	SOURCE RANGE FLUX CHAN B	2.3000e+01	CPS
NE0035	INTERMEDIATE FLUX CHAN A	1.0000e-11	AMP
NE0036	INTERMEDIATE FLUX CHAN B	1.0000e-11	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	343.2	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	343.2	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	343.2	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	343.2	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	327.6	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	343.2	DEGF
PC2300A	SG A PRESSURE AVG 1MA	267.8	PSIG
PC2301A	SG B PRESSURE AVG 1MA	234	PSIG
PC2302A	SG C PRESSURE AVG 1MA	233.6	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	0	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	0	KBH
[illegible]C4657	SG C FW CORRECTED FLOW 1MA	0	KBH

Unit 1 ERDS Radiation Status Data 10:30:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	4.6146e+01	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	0.0000e+00	CPM
WS35FT	WIND SPEED 35' ELEV	2.816	MPH
WS150FT	WIND SPEED 150' ELEV	3.098	MPH
WD35FT	WIND DIRECTION 35' ELEV	99.85	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	102.7	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.724	DEGF
RE0014	VENT GAS MONITOR	1.7400e+03	CPM
RE0021	VENT AIR PARTICLE MONITOR	1.5711e+02	CPM
RE0022	VENT GAS MONITOR	3.7312e+01	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	8.9622e-06	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	4.1439e-11	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	6.1136e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.1574e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.1653e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.2961e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.1431e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
TERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 10:30:00

[illegible]3187I	CTMT DOME INSIDE AIR TEMP	175.6	DEGF
PC3700	HIGHEST CTMT PRESSURE	9.5	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	2.4	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	109.3	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	0	%
FC0400A	RCS LOOP A FLOW AVG 1MA	100.1	%
FC0420A	RCS LOOP B FLOW AVG 1MA	99.98	%
FC0440A	RCS LOOP C FLOW AVG 1MA	100.4	%
TMARCETA	SUBCOOLING CHAN A	0.3	DEGF
TMARCETB	SUBCOOLING CHAN B	-2	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	325.2	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	0	%
LC1602	LOWEST UPPER HEAD LEVEL	0	%
LC1603	LOWEST UPPER PLENUM LEVEL	77	%
LT0477	SG A WIDE RANGE LEVEL	73.2	%
LT0487	SG B WIDE RANGE LEVEL	72.3	%
LT0497	SG C WIDE RANGE LEVEL	73.6	%
LT0501	RWST LEVEL CHAN 1	27.2	FT
FED0605A	RHR LOOP A FLOW	2661	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	8.2	GPM
FE0943	HHSI FLOW	757.1	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	158	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	137	GPM
[illegible]T3229C	AUXILIARY FEEDWATER FLOW TO SG C	147	GPM

Unit 1 ERDS Miscellaneous Data 10:45:00

[illegible]0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	3.6290e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	153.8	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	161.6	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	158.3	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	155.3	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	2.2000e+01	CPS
NE0032	SOURCE RANGE FLUX CHAN B	1.9000e+01	CPS
NE0035	INTERMEDIATE FLUX CHAN A	1.0000e-11	AMP
NE0036	INTERMEDIATE FLUX CHAN B	1.0000e-11	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	364.4	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	362.9	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	364.4	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	364.4	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	364.4	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	364.4	DEGF
PC2300A	SG A PRESSURE AVG 1MA	252.7	PSIG
PC2301A	SG B PRESSURE AVG 1MA	182.2	PSIG
PC2302A	SG C PRESSURE AVG 1MA	201.7	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	0	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	0	KBH
FC4657	SG C FW CORRECTED FLOW 1MA	0	KBH

Unit 1 ERDS Radiation Status Data 10:45:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	4.9669e+01	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	3.8074e+07	CPM
WS35FT	WIND SPEED 35' ELEV	2.048	MPH
WS150FT	WIND SPEED 150' ELEV	3.911	MPH
WD35FT	WIND DIRECTION 35' ELEV	101.9	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	101.6	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.6678	DEGF
RE0014	VENT GAS MONITOR	2.1798e+07	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.0877e+07	CPM
RE0022	VENT GAS MONITOR	3.9236e+05	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	7.9216e-02	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	4.7556e-05	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	8.9598e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.2536e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.2396e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.3356e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.0825e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
TERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 10:45:00

3187I	CTMT DOME INSIDE AIR TEMP	144.8	DEGF
PC3700	HIGHEST CTMT PRESSURE	7.2	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	3.3	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	162.6	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	0	%
FC0400A	RCS LOOP A FLOW AVG 1MA	1.123	%
FC0420A	RCS LOOP B FLOW AVG 1MA	1.978	%
FC0440A	RCS LOOP C FLOW AVG 1MA	1.412	%
TMARCETA	SUBCOOLING CHAN A	9.3	DEGF
TMARCETB	SUBCOOLING CHAN B	79	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	257.7	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	61.1	%
LC1602	LOWEST UPPER HEAD LEVEL	0	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	74.3	%
LT0487	SG B WIDE RANGE LEVEL	75.6	%
LT0497	SG C WIDE RANGE LEVEL	74.9	%
LT0501	RWST LEVEL CHAN 1	20.6	FT
FED0605A	RHR LOOP A FLOW	1471	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	0	GPM
FE0943	HHSI FLOW	744.6	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	0	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	0	GPM
T3229C	AUXILIARY FEEDWATER FLOW TO SG C	0	GPM

Unit 1 ERDS Miscellaneous Data 11:00:00

[illegible]0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	3.0880e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	155.7	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	163.5	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	160.2	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	157.2	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	2.0000e+01	CPS
NE0032	SOURCE RANGE FLUX CHAN B	1.7000e+01	CPS
NE0035	INTERMEDIATE FLUX CHAN A	1.0000e-11	AMP
NE0036	INTERMEDIATE FLUX CHAN B	1.0000e-11	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	363.7	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	308.8	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	363.7	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	333.8	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	363.7	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	363.3	DEGF
PC2300A	SG A PRESSURE AVG 1MA	251.4	PSIG
PC2301A	SG B PRESSURE AVG 1MA	175.5	PSIG
PC2302A	SG C PRESSURE AVG 1MA	186.4	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	0	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	0	KBH
[illegible]4657	SG C FW CORRECTED FLOW 1MA	0	KBH

Unit 1 ERDS Radiation Status Data 11:00:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	5.0173e+01	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	5.4850e+07	CPM
WS35FT	WIND SPEED 35' ELEV	2.79	MPH
WS150FT	WIND SPEED 150' ELEV	3.578	MPH
WD35FT	WIND DIRECTION 35' ELEV	101	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	102.6	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.6277	DEGF
RE0014	VENT GAS MONITOR	2.3731e+07	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.2574e+07	CPM
RE0022	VENT GAS MONITOR	4.2715e+05	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	8.6241e-02	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	5.1731e-05	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	8.2889e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.0900e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.0984e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.2492e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.1237e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
TERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 11:00:00

TC3187I	CTMT DOME INSIDE AIR TEMP	146.7	DEGF
PC3700	HIGHEST CTMT PRESSURE	6.6	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	4.1	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	161.7	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	0	%
FC0400A	RCS LOOP A FLOW AVG 1MA	1.123	%
FC0420A	RCS LOOP B FLOW AVG 1MA	1.978	%
FC0440A	RCS LOOP C FLOW AVG 1MA	1.412	%
TMARCETA	SUBCOOLING CHAN A	63.8	DEGF
TMARCETB	SUBCOOLING CHAN B	94	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	235.6	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	64.4	%
LC1602	LOWEST UPPER HEAD LEVEL	100	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	74.3	%
LT0487	SG B WIDE RANGE LEVEL	75.5	%
LT0497	SG C WIDE RANGE LEVEL	74.8	%
LT0501	RWST LEVEL CHAN 1	14.5	FT
FED0605A	RHR LOOP A FLOW	1426	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	0	GPM
FE0943	HHSI FLOW	744.1	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	0	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	0	GPM
FT3229C	AUXILIARY FEEDWATER FLOW TO SG C	0	GPM

Unit 1 ERDS Miscellaneous Data 11:15:00

[illegible]0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	2.3520e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	156.3	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	164.1	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	160.8	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	157.8	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	1.8000e+01	CPS
NE0032	SOURCE RANGE FLUX CHAN B	1.7000e+01	CPS
NE0035	INTERMEDIATE FLUX CHAN A	1.0000e-11	AMP
NE0036	INTERMEDIATE FLUX CHAN B	1.0000e-11	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	333.1	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	235.2	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	324.3	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	333.1	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	333.1	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	333.1	DEGF
PC2300A	SG A PRESSURE AVG 1MA	250.2	PSIG
PC2301A	SG B PRESSURE AVG 1MA	166.3	PSIG
PC2302A	SG C PRESSURE AVG 1MA	172.7	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	0	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	0	KBH
[illegible]C4657	SG C FW CORRECTED FLOW 1MA	0	KBH

Unit 1 ERDS Radiation Status Data 11:15:00

[illegible]3702	HIGHEST R27 HI LEVEL CTMT RADIATION	4.8892e+01	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	5.9112e+07	CPM
WS35FT	WIND SPEED 35' ELEV	2.322	MPH
WS150FT	WIND SPEED 150' ELEV	3.954	MPH
WD35FT	WIND DIRECTION 35' ELEV	101.8	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	104.2	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.3959	DEGF
RE0014	VENT GAS MONITOR	2.5417e+07	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.3185e+07	CPM
RE0022	VENT GAS MONITOR	4.5750e+05	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	9.2371e-02	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	5.3467e-05	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	3.3944e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.1203e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.0999e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.3085e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.1006e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
STERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 11:15:00

[illegible]3187I	CTMT DOME INSIDE AIR TEMP	147.3	DEGF
PC3700	HIGHEST CTMT PRESSURE	5.6	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	4.9	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	110.2	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	0	%
FC0400A	RCS LOOP A FLOW AVG 1MA	1.123	%
FC0420A	RCS LOOP B FLOW AVG 1MA	1.978	%
FC0440A	RCS LOOP C FLOW AVG 1MA	1.412	%
TMARCETA	SUBCOOLING CHAN A	108.8	DEGF
TMARCETB	SUBCOOLING CHAN B	151.1	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	172.9	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	49.9	%
LC1602	LOWEST UPPER HEAD LEVEL	100	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	74.3	%
IT0487	SG B WIDE RANGE LEVEL	75.5	%
LT0497	SG C WIDE RANGE LEVEL	74.7	%
LT0501	RWST LEVEL CHAN 1	9.4	FT
FED0605A	RHR LOOP A FLOW	787	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	0	GPM
FE0943	HHSI FLOW	596.5	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	0	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	0	GPM
[illegible]T3229C	AUXILIARY FEEDWATER FLOW TO SG C	0	GPM

Unit 1 ERDS Miscellaneous Data 11:30:00

0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	1.7150e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	156.1	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	163.9	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	160.6	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	157.6	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	1.8000e+01	CPS
NE0032	SOURCE RANGE FLUX CHAN B	1.7000e+01	CPS
NE0035	INTERMEDIATE FLUX CHAN A	1.0000e-11	AMP
NE0036	INTERMEDIATE FLUX CHAN B	1.0000e-11	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	313.8	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	171.5	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	247.5	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	313.8	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	252.5	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	313.8	DEGF
PC2300A	SG A PRESSURE AVG 1MA	248.9	PSIG
PC2301A	SG B PRESSURE AVG 1MA	154.8	PSIG
PC2302A	SG C PRESSURE AVG 1MA	158.8	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	0	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	0	KBH
C4657	SG C FW CORRECTED FLOW 1MA	0	KBH

Unit 1 ERDS Radiation Status Data 11:30:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	4.6708e+01	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	4.4850e+07	CPM
WS35FT	WIND SPEED 35' ELEV	2.796	MPH
WS150FT	WIND SPEED 150' ELEV	3.411	MPH
WD35FT	WIND DIRECTION 35' ELEV	97.67	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	99.96	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.04498	DEGF
RE0014	VENT GAS MONITOR	2.6686e+07	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.3147e+07	CPM
RE0022	VENT GAS MONITOR	4.8034e+05	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	9.6984e-02	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	5.3715e-05	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	7.4306e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.1784e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.1678e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.3475e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.0641e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
STERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 11:30:00

[illegible]C3187I	CTMT DOME INSIDE AIR TEMP	147.1	DEGF
PC3700	HIGHEST CTMT PRESSURE	3.9	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	5.4	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	82.4	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	0	%
FC0400A	RCS LOOP A FLOW AVG 1MA	1.123	%
FC0420A	RCS LOOP B FLOW AVG 1MA	1.978	%
FC0440A	RCS LOOP C FLOW AVG 1MA	1.412	%
TMARCETA	SUBCOOLING CHAN A	154.8	DEGF
TMARCETB	SUBCOOLING CHAN B	169.7	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	147.1	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	33.5	%
LC1602	LOWEST UPPER HEAD LEVEL	100	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	74.3	%
LT0487	SG B WIDE RANGE LEVEL	75.4	%
LT0497	SG C WIDE RANGE LEVEL	74.6	%
LT0501	RWST LEVEL CHAN 1	6.1	FT
FED0605A	RHR LOOP A FLOW	1190	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	0	GPM
FE0943	HHSI FLOW	598.2	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	0	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	0	GPM
[illegible]3229C	AUXILIARY FEEDWATER FLOW TO SG C	0	GPM

Unit 1 ERDS Miscellaneous Data 11:45:00

RE0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	1.7450e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	156	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	163.8	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	160.5	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	157.5	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	1.8000e+01	CPS
NE0032	SOURCE RANGE FLUX CHAN B	1.7000e+01	CPS
NE0035	INTERMEDIATE FLUX CHAN A	1.0000e-11	AMP
NE0036	INTERMEDIATE FLUX CHAN B	1.0000e-11	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	313.1	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	174.5	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	236.3	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	313.1	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	237.5	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	313.1	DEGF
PC2300A	SG A PRESSURE AVG 1MA	231.9	PSIG
PC2301A	SG B PRESSURE AVG 1MA	137.5	PSIG
PC2302A	SG C PRESSURE AVG 1MA	143.7	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	0	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	0	KBH
FC4657	SG C FW CORRECTED FLOW 1MA	0	KBH

Unit 1 ERDS Radiation Status Data 11:45:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	4.3975e+01	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	5.6890e+07	CPM
WS35FT	WIND SPEED 35' ELEV	3.82	MPH
WS150FT	WIND SPEED 150' ELEV	2.648	MPH
WD35FT	WIND DIRECTION 35' ELEV	98.8	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	97.64	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.198	DEGF
RE0014	VENT GAS MONITOR	2.7588e+07	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.2639e+07	CPM
RE0022	VENT GAS MONITOR	4.9658e+05	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	1.0027e-01	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	5.2804e-05	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	8.2160e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.0986e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.2200e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.2586e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.0946e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
STERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 11:45:00

[illegible]3187I	CTMT DOME INSIDE AIR TEMP	147	DEGF
PC3700	HIGHEST CTMT PRESSURE	3.8	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	5.6	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	78.4	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	0	%
FC0400A	RCS LOOP A FLOW AVG 1MA	1.123	%
FC0420A	RCS LOOP B FLOW AVG 1MA	1.978	%
FC0440A	RCS LOOP C FLOW AVG 1MA	1.412	%
TMARCETA	SUBCOOLING CHAN A	149.5	DEGF
TMARCETB	SUBCOOLING CHAN B	180.4	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	138.9	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	21.9	%
LC1602	LOWEST UPPER HEAD LEVEL	100	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	75.1	%
LT0487	SG B WIDE RANGE LEVEL	75.7	%
LT0497	SG C WIDE RANGE LEVEL	74.6	%
LT0501	RWST LEVEL CHAN 1	4.2	FT
FED0605A	RHR LOOP A FLOW	1436	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	0	GPM
FE0943	HHSI FLOW	598	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	63	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	0	GPM
FT3229C	AUXILIARY FEEDWATER FLOW TO SG C	0	GPM

Unit 1 ERDS Miscellaneous Data 12:00:00

[illegible]0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	2.0330e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	158	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	165.8	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	162.5	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	159.5	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	1.7000e+01	CPS
NE0032	SOURCE RANGE FLUX CHAN B	1.6000e+01	CPS
NE0035	INTERMEDIATE FLUX CHAN A	1.0000e-11	AMP
NE0036	INTERMEDIATE FLUX CHAN B	1.0000e-11	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	223.4	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	203.3	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	238.6	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	305.5	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	237.9	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	305.5	DEGF
PC2300A	SG A PRESSURE AVG 1MA	207.3	PSIG
PC2301A	SG B PRESSURE AVG 1MA	125.7	PSIG
PC2302A	SG C PRESSURE AVG 1MA	129.2	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	0	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	0	KBH
[illegible]C4657	SG C FW CORRECTED FLOW 1MA	0	KBH

Unit 1 ERDS Radiation Status Data 12:00:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	4.2162e+01	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	5.3997e+07	CPM
WS35FT	WIND SPEED 35' ELEV	2.784	MPH
WS150FT	WIND SPEED 150' ELEV	3.103	MPH
WD35FT	WIND DIRECTION 35' ELEV	90.21	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	95.23	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.06149	DEGF
RE0014	VENT GAS MONITOR	2.8425e+07	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.2612e+07	CPM
RE0022	VENT GAS MONITOR	5.1164e+05	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	1.0331e-01	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	5.3343e-05	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	8.5334e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.1408e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.2676e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.2467e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.0990e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
STERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 12:00:00

3187I	CTMT DOME INSIDE AIR TEMP	149	DEGF
PC3700	HIGHEST CTMT PRESSURE	2.8	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	5.6	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	66	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	0	%
FC0400A	RCS LOOP A FLOW AVG 1MA	1.123	%
FC0420A	RCS LOOP B FLOW AVG 1MA	1.978	%
FC0440A	RCS LOOP C FLOW AVG 1MA	1.412	%
TMARCETA	SUBCOOLING CHAN A	108.7	DEGF
TMARCETB	SUBCOOLING CHAN B	154.9	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	149.6	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	0	%
LC1602	LOWEST UPPER HEAD LEVEL	100	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	76.8	%
LT0487	SG B WIDE RANGE LEVEL	75.7	%
LT0497	SG C WIDE RANGE LEVEL	74.6	%
LT0501	RWST LEVEL CHAN 1	4.2	FT
FED0605A	RHR LOOP A FLOW	1607	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	0	GPM
FE0943	HHSI FLOW	598.8	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	0	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	0	GPM
T3229C	AUXILIARY FEEDWATER FLOW TO SG C	0	GPM

Unit 1 ERDS Miscellaneous Data 12:15:00

0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	2.4750e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	155.9	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	163.7	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	160.4	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	157.4	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	1.8000e+01	CPS
NE0032	SOURCE RANGE FLUX CHAN B	1.5000e+01	CPS
NE0035	INTERMEDIATE FLUX CHAN A	1.0000e-11	AMP
NE0036	INTERMEDIATE FLUX CHAN B	1.0000e-11	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	172	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	247.5	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	244.6	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	308.3	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	249.8	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	308.3	DEGF
PC2300A	SG A PRESSURE AVG 1MA	206.2	PSIG
PC2301A	SG B PRESSURE AVG 1MA	114.1	PSIG
PC2302A	SG C PRESSURE AVG 1MA	114.8	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	0	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	0	KBH
C4657	SG C FW CORRECTED FLOW 1MA	0	KBH

Unit 1 ERDS Radiation Status Data 12:15:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	3.9956e+01	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	5.1531e+07	CPM
WS35FT	WIND SPEED 35' ELEV	3.566	MPH
WS150FT	WIND SPEED 150' ELEV	3.146	MPH
WD35FT	WIND DIRECTION 35' ELEV	100.2	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	97.39	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.1903	DEGF
RE0014	VENT GAS MONITOR	2.9054e+07	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.2208e+07	CPM
RE0022	VENT GAS MONITOR	5.2296e+05	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	1.0560e-01	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	5.2828e-05	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	7.6377e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.1964e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.1930e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.3507e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.1003e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
STERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 12:15:00

3187I	CTMT DOME INSIDE AIR TEMP	146.9	DEGF
PC3700	HIGHEST CTMT PRESSURE	2.1	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	5.6	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	75.3	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	0	%
FC0400A	RCS LOOP A FLOW AVG 1MA	1.123	%
FC0420A	RCS LOOP B FLOW AVG 1MA	1.978	%
FC0440A	RCS LOOP C FLOW AVG 1MA	1.412	%
TMARCETA	SUBCOOLING CHAN A	72.5	DEGF
TMARCETB	SUBCOOLING CHAN B	161.6	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	151.5	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	35.8	%
LC1602	LOWEST UPPER HEAD LEVEL	100	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	76.8	%
LT0487	SG B WIDE RANGE LEVEL	75.8	%
LT0497	SG C WIDE RANGE LEVEL	74.8	%
LT0501	RWST LEVEL CHAN 1	4.2	FT
FED0605A	RHR LOOP A FLOW	1461	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	0	GPM
FE0943	HHSI FLOW	598.1	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	0	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	20	GPM
T3229C	AUXILIARY FEEDWATER FLOW TO SG C	37	GPM

Unit 1 ERDS Miscellaneous Data 12:30:00

0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	2.4810e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	156	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	163.8	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	160.5	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	157.5	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	1.6000e+01	CPS
NE0032	SOURCE RANGE FLUX CHAN B	1.6000e+01	CPS
NE0035	INTERMEDIATE FLUX CHAN A	1.0000e-11	AMP
NE0036	INTERMEDIATE FLUX CHAN B	1.0000e-11	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	178.3	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	248.1	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	236.1	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	307.6	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	242.2	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	307.6	DEGF
PC2300A	SG A PRESSURE AVG 1MA	205.1	PSIG
PC2301A	SG B PRESSURE AVG 1MA	100.7	PSIG
PC2302A	SG C PRESSURE AVG 1MA	97.4	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	0	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	0	KBH
C4657	SG C FW CORRECTED FLOW 1MA	0	KBH

Unit 1 ERDS Radiation Status Data 12:30:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	3.7958e+01	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	5.0918e+07	CPM
WS35FT	WIND SPEED 35' ELEV	3.792	MPH
WS150FT	WIND SPEED 150' ELEV	3.636	MPH
WD35FT	WIND DIRECTION 35' ELEV	110	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	110.2	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.2227	DEGF
RE0014	VENT GAS MONITOR	2.9533e+07	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.1826e+07	CPM
RE0022	VENT GAS MONITOR	5.3158e+05	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	1.0734e-01	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	5.2371e-05	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	7.7132e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.0840e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.2669e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.2583e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.0480e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
TERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 12:30:00

[illegible]3187I	CTMT DOME INSIDE AIR TEMP	147	DEGF
PC3700	HIGHEST CTMT PRESSURE	1.8	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	5.6	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	76.8	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	0	%
FC0400A	RCS LOOP A FLOW AVG 1MA	1.123	%
FC0420A	RCS LOOP B FLOW AVG 1MA	1.978	%
FC0440A	RCS LOOP C FLOW AVG 1MA	1.412	%
TMARCETA	SUBCOOLING CHAN A	73.2	DEGF
TMARCETB	SUBCOOLING CHAN B	163.4	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	152.2	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	50.9	%
LC1602	LOWEST UPPER HEAD LEVEL	100	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	76.8	%
LT0487	SG B WIDE RANGE LEVEL	76.3	%
LT0497	SG C WIDE RANGE LEVEL	75.8	%
LT0501	RWST LEVEL CHAN 1	4.2	FT
FED0605A	RHR LOOP A FLOW	1435	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	0	GPM
FE0943	HHSI FLOW	598	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	0	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	20	GPM
[illegible]T3229C	AUXILIARY FEEDWATER FLOW TO SG C	38	GPM

[illegible]0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	2.3820e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	155.3	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	163.1	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	159.8	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	156.8	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	1.8000e+01	CPS
NE0032	SOURCE RANGE FLUX CHAN B	1.4000e+01	CPS
NE0035	INTERMEDIATE FLUX CHAN A	1.0000e-11	AMP
NE0036	INTERMEDIATE FLUX CHAN B	1.0000e-11	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	177.5	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	238.2	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	234.7	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	306.8	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	240	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	306.8	DEGF
PC2300A	SG A PRESSURE AVG 1MA	204	PSIG
PC2301A	SG B PRESSURE AVG 1MA	89.2	PSIG
PC2302A	SG C PRESSURE AVG 1MA	83.6	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	0	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	0	KBH
[illegible]4657	SG C FW CORRECTED FLOW 1MA	0	KBH

Unit 1 ERDS Radiation Status Data 12:45:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	3.6232e+01	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	4.7215e+07	CPM
WS35FT	WIND SPEED 35' ELEV	3.548	MPH
WS150FT	WIND SPEED 150' ELEV	3.815	MPH
WD35FT	WIND DIRECTION 35' ELEV	129.6	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	128	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.2327	DEGF
RE0014	VENT GAS MONITOR	2.9893e+07	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.1529e+07	CPM
RE0022	VENT GAS MONITOR	5.3808e+05	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	1.0865e-01	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	5.2129e-05	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	7.4757e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.0852e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.2444e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.2513e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.1511e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
STERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 12:45:00

3187I	CTMT DOME INSIDE AIR TEMP	146.3	DEGF
PC3700	HIGHEST CTMT PRESSURE	1.6	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	5.5	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	77.2	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	0	%
FC0400A	RCS LOOP A FLOW AVG 1MA	1.123	%
FC0420A	RCS LOOP B FLOW AVG 1MA	1.978	%
FC0440A	RCS LOOP C FLOW AVG 1MA	1.412	%
TMARCETA	SUBCOOLING CHAN A	83.2	DEGF
TMARCETB	SUBCOOLING CHAN B	162.9	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	153.5	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	60.9	%
LC1602	LOWEST UPPER HEAD LEVEL	100	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	76.8	%
LT0487	SG B WIDE PANGE LEVEL	76.8	%
LT0497	SG C WIDE RANGE LEVEL	76.8	%
LT0501	RWST LEVEL CHAN 1	4.2	FT
FED0605A	RHR LOOP A FLOW	1424	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	0	GPM
FE0943	HHSI FLOW	597.9	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	0	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	20	GPM
T3229C	AUXILIARY FEEDWATER FLOW TO SG C	38	GPM

Unit 1 ERDS Miscellaneous Data 13:00:00

[illegible]0018	WASTE DISPOSAL LIQUID MONITOR	0.0000e+00	CPM
RE0023B	SG FLOWDOWN TREATMENT MONITOR	2.2940e+02	CPM
TE3187H	CTMT COOLER A AIR INLET TEMP	155	DEGF
TE3187G	CTMT COOLER B AIR INLET TEMP	162.8	DEGF
TE3187F	CTMT COOLER C AIR INLET TEMP	159.5	DEGF
TE3187E	CTMT COOLER D AIR INLET TEMP	156.5	DEGF
NE0031	SOURCE RANGE FLUX CHAN A	1.7000e+01	CPS
NE0032	SOURCE RANGE FLUX CHAN B	1.6000e+01	CPS
NE0035	INTERMEDIATE FLUX CHAN A	1.0000e-11	AMP
NE0036	INTERMEDIATE FLUX CHAN B	1.0000e-11	AMP
TC0410A	RCS LOOP A CL WIDE RNG TEMP 1M	175.8	DEGF
TC0413A	RCS LOOP A HL WIDE RNG TEMP 1M	229.4	DEGF
TC0420A	RCS LOOP B CL WIDE RNG TEMP 1M	237.1	DEGF
TC0423A	RCS LOOP B HL WIDE RNG TEMP 1M	306.3	DEGF
TC0430A	RCS LOOP C CL WIDE RNG TEMP 1M	241.1	DEGF
TC0433A	RCS LOOP C HL WIDE RNG TEMP 1M	306.3	DEGF
PC2300A	SG A PRESSURE AVG 1MA	203	PSIG
PC2301A	SG B PRESSURE AVG 1MA	81.3	PSIG
PC2302A	SG C PRESSURE AVG 1MA	75.5	PSIG
FC4655	SG A FW CORRECTED FLOW 1MA	0	KBH
FC4656	SG B FW CORRECTED FLOW 1MA	0	KBH
[illegible]4657	SG C FW CORRECTED FLOW 1MA	0	KBH

Unit 1 ERDS Radiation Status Data 13:00:00

3702	HIGHEST R27 HI LEVEL CTMT RADIATION	3.4920e+01	R/HR
RE0050	GROSS FAILED FUEL DETECTOR	4.5882e+07	CPM
WS35FT	WIND SPEED 35' ELEV	3.848	MPH
WS150FT	WIND SPEED 150' ELEV	3.11	MPH
WD35FT	WIND DIRECTION 35' ELEV	152.3	DEGFR
WD150FT	WIND DIRECTION 150' ELEV	154.6	DEGFR
STCLASS	STABILITY CLASS DELTA TEMP	-0.2897	DEGF
RE0014	VENT GAS MONITOR	3.0095e+07	CPM
RE0021	VENT AIR PARTICLE MONITOR	2.1270e+07	CPM
RE0022	VENT GAS MONITOR	5.4171e+05	CPM
RE0029B-I2	VENT IODINE(131) GAS (SPING4)	1.0939e-01	uCi/ML
RE0029B-NG	VENT NOBLE GAS (SPING4)	5.1849e-05	uCi/ML
FT2879	PLANT VENT STACK FLOW	10000.	CFM
RE0015C	SJAE EXHAUST HIGH RANGE MONITOR	6.9298e-06	R/HR
RE0060A	SG A ATMOSPHERIC RELIEF MONITOR	1.1181e-02	R/HR
RE0060B	SG B ATMOSPHERIC RELIEF MONITOR	2.1606e-02	R/HR
RE0060C	SG C ATMOSPHERIC RELIEF MONITOR	1.2713e-02	R/HR
RE0060D	AUX FEED TURBINE EXHAUST MONITOR	1.0471e-02	R/HR
RE0070A	SG A N16 LEAK DETECTION SYSTEM	1.099	GPD
RE0070B	SG B N16 LEAK DETECTION SYSTEM	1.124	GPD
RE0070C	SG C N16 LEAK DETECTION SYSTEM	1.129	GPD
STERM-NG	SOURCE TERM NG (VENT STACK)		uCi/SEC
STERM-I2	SOURCE TERM IODINE(131) (VENT STACK)		uCi/SEC

Unit 1 ERDS Plant Status Data 13:00:00

[illegible]3187I	CTMT DOME INSIDE AIR TEMP	146	DEGF
PC3700	HIGHEST CTMT PRESSURE	1.5	PSIG
LC1501	ECCS NR CTMT SUMP LEVEL AVG	5.5	FT
H2MANUAL	CTMT HYDROGEN		%
PC1402A	RCS PRESSURE AVG 1MA	77.6	PSIG
NC1100A	POWER RANGE FLUX AVG 1MA	0	%
FC0400A	RCS LOOP A FLOW AVG 1MA	1.123	%
FC0420A	RCS LOOP B FLOW AVG 1MA	1.978	%
FC0440A	RCS LOOP C FLOW AVG 1MA	1.412	%
TMARCETA	SUBCOOLING CHAN A	92.2	DEGF
TMARCETB	SUBCOOLING CHAN B	161.9	DEGF
TC1200	FIFTH HOTTEST CORE EXIT TC	155.2	DEGF
LC1600A	PRESSURIZER LEVEL AVG 1MA	67.7	%
LC1602	LOWEST UPPER HEAD LEVEL	100	%
LC1603	LOWEST UPPER PLENUM LEVEL	100	%
LT0477	SG A WIDE RANGE LEVEL	76.8	%
LT0487	SG B WIDE RANGE LEVEL	77.1	%
LT0497	SG C WIDE RANGE LEVEL	77.4	%
LT0501	RWST LEVEL CHAN 1	4.2	FT
FED0605A	RHR LOOP A FLOW	1418	GPM
FED0605B	RHR LOOP B FLOW	0	GPM
FC4658	CHARGING LINE CORRECTED FLOW 1MA	0	GPM
FE0943	HHSI FLOW	597.9	GPM
FT3229A	AUXILIARY FEEDWATER FLOW TO SG A	0	GPM
FT3229B	AUXILIARY FEEDWATER FLOW TO SG B	0	GPM
[illegible]T3229C	AUXILIARY FEEDWATER FLOW TO SG C	0	GPM